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FINAL INTERIM MEASURES REPORT FOR UNEXPLODED ORDANCE 7 (UXO 7) OLD RIFLE  
RANGE AND TRAP RANGES NSA CRANE IN  
12/01/2015  
TETRA TECH

# NAVFAC Atlantic Biological Resource Services

Contract: N62470-08-D-1008; Task Order: F271

December 2015



## Final Interim Measures Report for UXO 7 - Old Rifle Range and Trap Ranges, Naval Support Activity Crane, Indiana



Prepared for:  
NAVFAC Mid-Atlantic  
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Norfolk, VA 23511-3095



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**FINAL  
INTERIM MEASURES REPORT  
FOR  
UXO 7 – OLD RIFLE RANGE AND TRAP RANGES**

**NAVAL SUPPORT ACTIVITY CRANE  
CRANE, INDIANA**

**NAVFAC ATLANTIC BIOLOGICAL RESOURCE  
SERVICES CONTRACT**

**Submitted to:  
Naval Facilities Engineering Command Mid-Atlantic  
9742 Maryland Avenue  
Norfolk, Virginia 23511-3095**

**Submitted by:  
Tetra Tech  
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**CONTRACT NUMBER N62470-08-D-1008  
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**DECEMBER 2015**

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## ACRONYMS AND ABBREVIATIONS

ALM	adult lead model
BAFs	bioaccumulation factors
bgs	below ground surface
CLEAN	Comprehensive Long-term Environmental Action Navy
COPCs	chemicals of potential concern
CTE	central tendency estimate
CTO	Contract Task Order
DNAPL	dense non-aqueous phase liquid
DRMO	Defense Reutilization Marketing Office
E&S	erosion and sedimentation
Eco SSLs	Ecological Soil Screening Levels
EMAC	Environmental Multiple Award Contract
EP	Extraction Procedure
EPC	exposure point concentration
FTMR	Field Task Modification Request
GRO	Gasoline Range Organics
HI	hazard index
ILCR	incremental lifetime cancer risks
IDEM	Indiana Department of Environmental Management
IEUBK	Integrated Exposure Uptake Biokinetic
IM	Interim Measures
IMR	Interim Measures Report
IMWP	Interim Measures Work Plan
LOAEL	lowest observed adverse effects level
LOECs	Lowest Observed Effects Concentrations
LTM	long-term monitoring
LUCs	Land Use Controls
MCLs	Maximum Contaminant Levels
MCS	Media Cleanup Standards
mg/kg	milligrams per kilogram
µg/dL	micrograms per deciliter
µg/kg	micrograms per kilogram
NAVFAC	Naval Facilities Engineering Command
Navy	United States Department of the Navy

NFA	No Further Action
NOEC	No Observed Effects Concentration
NSA	Naval Support Activity
OSWER	Office of Solid Waste and Emergency Response
PAHs	polynuclear aromatic hydrocarbons
PRGs	preliminary remediation goals
RCRA	Resource Conservation and Recovery Act
RDCL	Residential Default Closure Levels
RFI	Resource Conservation and Recovery Act Facility Investigation
RISC	Risk Integrated System of Closure
RME	Reasonable Maximum Exposure
RSL	regional screening level
SAP	Sampling and Analysis Plan
SWMU	Solid Waste Management Unit
TRW	Technical Review Workgroup
Tetra Tech	Tetra Tech, Inc.
USEPA	United States Environmental Protection Agency
VIM	Voluntary Interim Measure
VOCs	volatile organic compounds
VRHK	VRHabilis – KEMRON, L.L.C.

## EXECUTIVE SUMMARY

Interim Measures (IM) were performed at a site known as Unexploded Ordnance 7 (UXO 7), at Naval Support Activity (NSA) Crane located in Crane, Indiana during February 2014 through April 2014. This IM Report (IMR) for UXO 7 was prepared for the Naval Facilities Engineering Command (NAVFAC) by Tetra Tech, Inc. (Tetra Tech) under Contract Task Order (CTO) F271 of the NAVFAC Atlantic Biological Resource Services Contract Number N62470-08-D-1008.

UXO 7, which covers 20 acres in the north-central portion of NSA Crane (Figure 1-1), currently includes the former West Trap Range, former East Trap Range, former South Pistol Range, the former Old Rifle Range (ORR) and the former Northern Pistol Ranges. Only small arms munitions were used at these closed ranges, therefore, munitions and explosives of concern (MEC) were not anticipated to be present at the site. UXO 7 is located immediately west of NSA Crane Highway 8 in the floodplain of Turkey Creek and consists of a flat grass-covered area bisected from north to south by an unnamed gravel road that provides access to a RCRA-permitted open burning (OB) unit known as Solid Waste Management Unit (SWMU) 7 (Figure 1-2). The original SWMU 7 outline included what is now the Northern Pistol Ranges, the ORR, and the Trap Ranges. SWMU 7 was later redefined as the RCRA OB unit, and UXO 7 was redefined as the small arms ranges surrounding the SWMU 7 OB unit, as shown on Figure 1-3. Contamination at the former Northern Pistol Ranges has been remediated, approved for no further action (NFA), and are the subject of a separate report (Tetra Tech, 2008). The former Northern Pistol Ranges were located on the northern margin of UXO 7 as indicated on Figure 1-3.

The four other closed ranges (West Trap Range, East Trap Range, South Pistol Range, and ORR) were investigated during previous RFI activities conducted at UXO 7. No contamination was identified at the former South Pistol Range during the RFI (Tetra Tech, 2009).

This IMR describes the interim measures conducted at the ORR and the East and West Trap Ranges at UXO 7. Site features and approximate boundaries for the individual ranges on UXO 7 are presented on Figure 1-2. The specific small arms ranges, which are the subject of this IM report (the ORR, the East Trap Range, and the West Trap Range) are located inside the UXO 7 boundary, as shown on Figure 1-2. The ORR was established with five elevated earthen firing lines (berms) at sequential 100-yard distances from the final Main Target Area berm to the south. Targets were raised and lowered from behind a small earthen berm at the Main Target Area. Small arms ammunition that hit or overshot the range targets would eventually be intercepted by the soil on the hillside behind the targets at UXO 7 (Figure 1-2). Personnel fired at the targets from the 100-, 200-, 300-, 400-, and 500-yard raised firing berms to the north of the Main Target Area (Figure 1-2). The only munitions constituent (MC) present in the ORR soils is lead. Sources

of lead in soils at the ORR include expended small arms bullets in target berm soils, spent casings, the firing process, and target berm maintenance.

The MCs at the two former trap ranges at UXO 7 consist of polycyclic aromatic hydrocarbons (PAHs) from clay targets (also known as skeet or clay pigeons) used on the ranges (Figure 1-2). The West Trap Range was constructed in the south-central area of the Central Zone at UXO 7 where clay targets were launched from a central trap house toward the west. The East Trap Range was constructed in the east-central portion of the Central Zone at UXO 7 where clay targets were launched from a central trap house toward the north.

In order to mitigate unacceptable soil exposure risks to ecological and human receptors, Tetra Tech developed the UXO 7 Interim Measures (IM) Work Plan (IMWP) for IM to remove the lead-contaminated soil from the ORR and PAH-contaminated soil from the former East and West Trap Ranges (Tetra Tech, 2013). The IMWP was approved by USEPA Region 5, in a letter to the Navy dated January 17, 2014.

VRHabilis-KEMRON, LLC., (VRHK) was selected to excavate contaminated soil, perform onsite stabilization of lead-contaminated soil and to load and transport the excavated soil to suitable offsite disposal facilities. The stabilization of lead-contaminated soil was performed at the discretion of the EMAC to comply with waste disposal requirements, while meeting project cost limits and task performance schedules. During February through April 2014, VRHK excavated and disposed of approximately 6,560 tons of contaminated soil from UXO 7. Approximately 6,177 tons of nonhazardous (Subtitle D) contaminated soil were excavated and transported to the Rumpke Landfill in Medora, Indiana for disposal. Approximately 383 tons of hazardous (Subtitle C) contaminated soil were excavated and transported to the Peoria Disposal Company Landfill in Peoria, Illinois for disposal. The total area remediated during the UXO 7 IM covered 42,216 square feet. The soil excavations at UXO 7 were backfilled with 3,107 tons of structural backfill material and 2,043 tons of earthen fill and topsoil. Following the completion of backfill activities, the excavation areas were seeded to match pre-disturbance site conditions.

This IMR includes a screening level risk assessment (Section 4.0) for lead and PAH remaining in soils at the remediated sites at UXO 7. The results of the screening ecological and human health risk assessments demonstrate that soil IMs have successfully mitigated unacceptable human health and ecological risks at UXO 7. The ecological cleanup goals for lead in surface soils (651 mg/kg maximum and 191 mg/kg average concentration) have been met. The residual lead and PAHs contamination in surface and subsurface soils are within the acceptable risk range for residential receptors.

No further action for soil is recommended for UXO 7.

## 1.0 INTRODUCTION

This Interim Measures (IM) Report (IMR) summarizes the IM activities performed at the Old Rifle Range (ORR) and Trap Ranges, also known as Unexploded Ordnance (UXO) 7, at Naval Support Activity (NSA) Crane located in Crane, Indiana, from February 2014 through April 2014. This IMR for UXO 7 was originally prepared for the United States Department of the Navy, Naval Facilities Engineering Command (NAVFAC) Midwest by Tetra Tech, Inc., under Contract Task Order (CTO) F271 of the NAVFAC Atlantic Biological Resource Services Contract Number N62470-08-D-1008. Due to NAVFAC organizational changes in mid-2014, Navy oversight for this CTO has been transferred to NAVFAC Mid-Atlantic.

### 1.1 PURPOSE

The purpose of this IMR is to describe and document the IM activities performed at UXO 7, which included excavation and off-site disposal of soil from former small arms ranges (rifle range and trap range) contaminated with lead and polynuclear aromatic hydrocarbons (PAHs), excavation backfilling, and restoration of the soil excavation areas.

The activities also included sampling of excavation sidewalls and floors to determine whether media cleanup goals (MCGs) had been met for lead and PAHs. The MCG for lead was established at 400 mg/kg. The general MCG for protection of ecological receptors was attainment of an average lead concentration of less than 191 mg/kg with no concentrations above 651 mg/kg. For PAHs, the remediation goal was to reduce concentrations of carcinogenic PAHs, expressed as a BAP equivalent ( $BAP_{eqv}$ ), to within the EPA acceptable risk range of  $1 \times 10^{-4}$  to  $1 \times 10^{-6}$ . To achieve this objective the MCG for  $BAP_{eqv}$  was established at 0.15 mg/kg.

### 1.2 SITE DESCRIPTION AND HISTORY

UXO 7 includes the former West Trap Range, former East Trap Range, former South Pistol Range, and former ORR. Located within UXO 7 is Solid Waste Management Unit (SWMU) 7, which is the Open Burning (OB) Treatment Area. UXO 7 encompasses approximately 20 acres and is located immediately west of NSA Crane Highway 8 in the flat-lying floodplain of Turkey Creek (Figure 1-1). The site consists of a flat-grass covered area bisected from north to south by an unnamed but maintained gravel road. The four closed ranges (West Trap Range, East Trap Range, South Pistol Range, and ORR), were identified during previous RFI activities conducted at UXO 7. Site features and approximate boundaries for the individual sites that make up UXO 7 are presented in Figure 1-2 and Figure 1-3.

The ORR was originally used as the Marine Rifle Range at NSA Crane and consisted of a Main Target Area on which targets were raised to the top of the berm. Bullets striking, overshooting, or missing the targets to the sides would impact the hillside south of the Main Target Area. Bullets undershooting the targets would impact the Main Target Area berm. Personnel fired at the targets from 100-, 200-, 300-, 400-, and 500-yard berms to the north of the Main Target Area (Figure 1-2). Lead contamination in firing position berm soils would be expected from spent casings, unused ammunition, and lead residue from the firing process.

An aerial photograph of NSA Crane that included UXO 7 dated September 23, 1974, shows a soil disturbance in the vicinity of the 400-yard firing berm. Expended bullet casings have been identified on the ground surface near this ground disturbance, and soil on the southern (downrange) face of the 400-yard firing berm had elevated lead concentrations. It is suspected that the soil disturbance visible on the aerial photograph was a focused short-range small arms firing activity that impacted the southern face of the 400-yard earthen berm. This firing activity might explain how large volumes of lead-contaminated soil came to be located along the downrange face of the 400-yard berm. A large earthen mound was located between the 300- and 400-yard firing berms, and it is presumed that this dirt mound was placed in this area after the ORR was closed because it blocked a large portion of the view from the 400- and 500-yard firing berms to the Main Target Area on the ORR. It is believed that the Navy routinely removed portions of the earthen berms at the target areas within UXO 7 small arms (rifle and pistol) ranges to remove soil containing lead bullets/fragments and to minimize ricochet hazards. These excavated areas were replaced with clean soil to support continued range use.

The West Trap Range was constructed in the south-central area of the Central Zone at UXO 7 and consisted of a former range where trap clays (skeet targets) were launched from a central trap house to the west (Figure 1-2). Personnel would stand on the West Trap Range behind the trap house and fire shotguns toward the west at the flying trap targets.

The East Trap Range was constructed in the east-central portion of the Central Zone at UXO 7 and consisted of a former range where trap clays were launched from the central trap house to the north (Figure 1-2). Personnel would stand on the East Trap Range behind the trap house and fire shotguns to the north at the flying trap targets.

### **1.3 SITE INVESTIGATIONS AND INTERIM MEASURES**

The former small arms ranges at UXO 7 were the subject of Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI) field activities to evaluate the nature and extent of contaminants commonly associated with rifle and pistol range ammunition, primarily lead, and trap range contaminants,

primarily PAHs. The small arms ranges sites at UXO 7 were investigated as part of an RFI field sampling program performed in October 2007, and additional information regarding the site history can be found in the UXO 7 RFI Report (Tetra Tech NUS, 2009). The two main concerns at UXO 7 include metals (specifically lead) from bullets at the ORR and Old Pistol Range, and lead shot and PAHs from clay targets at the West and East Trap Ranges.

During RFI field activities, concentrations of PAHs in soil were found to present excess risk to human health in areas of the former trap ranges, and concentrations of lead were found to present excess risk to ecological receptors on the 500-yard Rifle Range. To define site risk during the RFI at UXO 7, the human health and ecological risk assessments divided the UXO 7 site into three distinct zones for evaluation: (1) Northern Zone (500- and 400-yard firing positions and dirt mound); (2) Central Zone (300-, 200-, and 100-yard firing positions and former East and West Trap Ranges); and (3) Southern Zone (main targets and barricade, hillside impact area, and former South Pistol Range, as shown in Figure 1-2 of this IMR. A post-RFI soil sampling program was performed in November 2011 and September and October 2012 at the three areas within the Northern Zone of UXO 7 to more clearly delineate contamination. A concurrent post-RFI soil sampling program was also implemented at the two former trap ranges in the Central Zone to more clearly delineate PAH contamination (Figure 1-2).

The IMWP (Tetra Tech, 2013) directed the removal of lead-contaminated soil (derived from expended bullets and fragments) from three specific areas within the ORR and the removal of PAH-contaminated soil from areas where skeet fragments (along with pitch tar binding agents containing PAHs) had accumulated and contaminated soil within the East Trap Range and West Trap Range. The UXO 7 IMWP was approved by United States Environmental Protection Agency (USEPA) Region V, with the addition of confirmation soil sampling along excavation walls and floors to verify that soil removals sufficiently reduced residual soil exposure risks for ecological and human receptors.

NAVFAC Midwest selected an Environmental Multiple Award Contract (EMAC) contractor, VRHabilis-KEMRON, LLC., (VRHK), to perform excavation and disposal of contaminated soil at UXO 7 as specified in the USEPA-approved IMWP for UXO 7. VRHK completed a Final Work Plan (VRHK, 2013a), Final Accident Prevention Plan (VRHK, 2013b), and Final Quality Control Plan (VRHK, 2013c) in November 2013 to guide the IM field activities performed at the UXO 7 site from February through April 2014. Tetra Tech field personnel observed performance of the IM activities at UXO 7, performed confirmation soil sampling in accordance with the sampling plan in the approved IMWP, provided analytical information to the Navy and VRHK regarding soil sampling results, collected weight ticket information at the Defense Reutilization and Marketing Office (DRMO) scale (Building 2943) to track the tonnage of contaminated soil from UXO 7 transported by truck to off-site disposal facilities, and also tracked the tonnage of clean

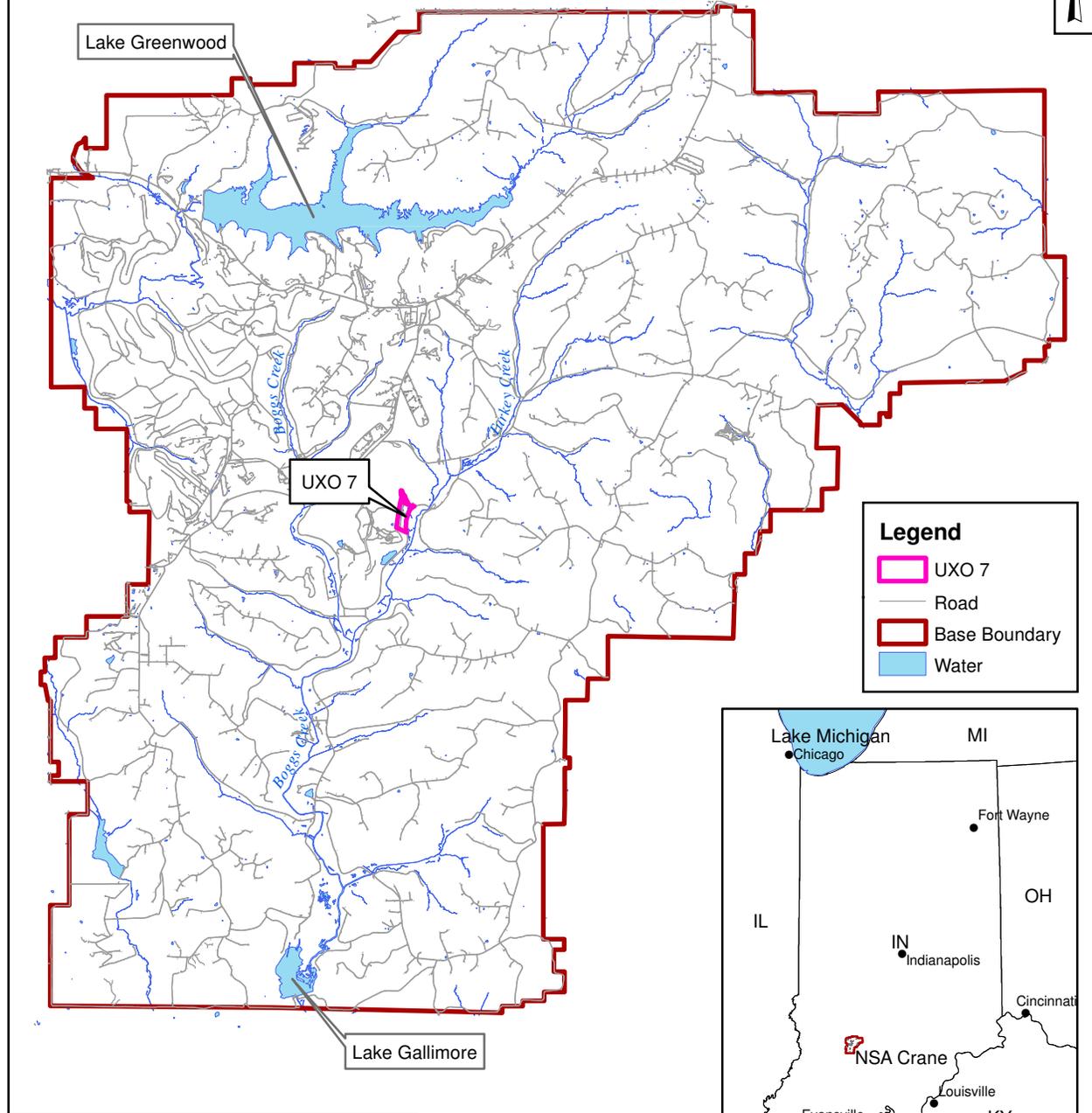
fill materials transported by truck to UXO 7 as part of restoration activities. VRHK prepared a Closure Report for UXO 7 that included details of mobilization, site preparation, excavation and stabilization/treatment of lead-impacted soils, excavation of PAH-contaminated soils, off-site disposal and transportation, and site restoration (VRHK, 2014).

This IMR includes VRHK daily logs for the UXO 7 IM operations that include information regarding equipment, personnel, site activities, daily safety meeting logs, and photographic records. In addition, this IMR includes a screening-level risk assessment (Section 4.0) for the remaining post-IM UXO 7 range soil concentrations (lead and BaP equivalents).

#### **1.4 REPORT ORGANIZATION**

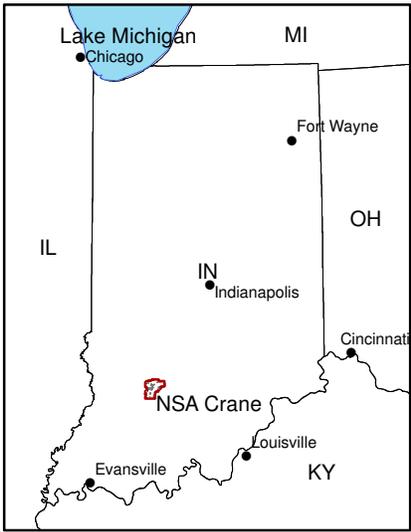
The remaining sections of this document contain the following information:

- Section 2.0 presents a description of pre-excavation activities
- Section 3.0 presents a description of the mobilization, soil excavation, soil removal, and other IM activities performed at UXO 7 in 2014.
- Section 4.0 presents the screening-level risk assessment for post-IM soil concentrations of lead and PAHs, at UXO 7.
- Section 5.0 presents the conclusions and recommendation for UXO 7.
- Section 6.0 contains the list of references used in the preparation of the IMR.



**Legend**

- UXO 7
- Road
- Base Boundary
- Water



DRAWN BY	DATE
T. WHEATON	05/12/10
CHECKED BY	DATE
R. BARRINGER	05/15/13
REVISED BY	DATE
S. PAXTON	05/15/13
SCALE AS NOTED	



**BASE AND SITE LOCATION MAP**  
**UXO 7 - IMWP**  
**NSA CRANE**  
**CRANE, INDIANA**

CONTRACT NUMBER CTO F272	
APPROVED BY	DATE
APPROVED BY	DATE
FIGURE NO.	REV
1 - 1	0



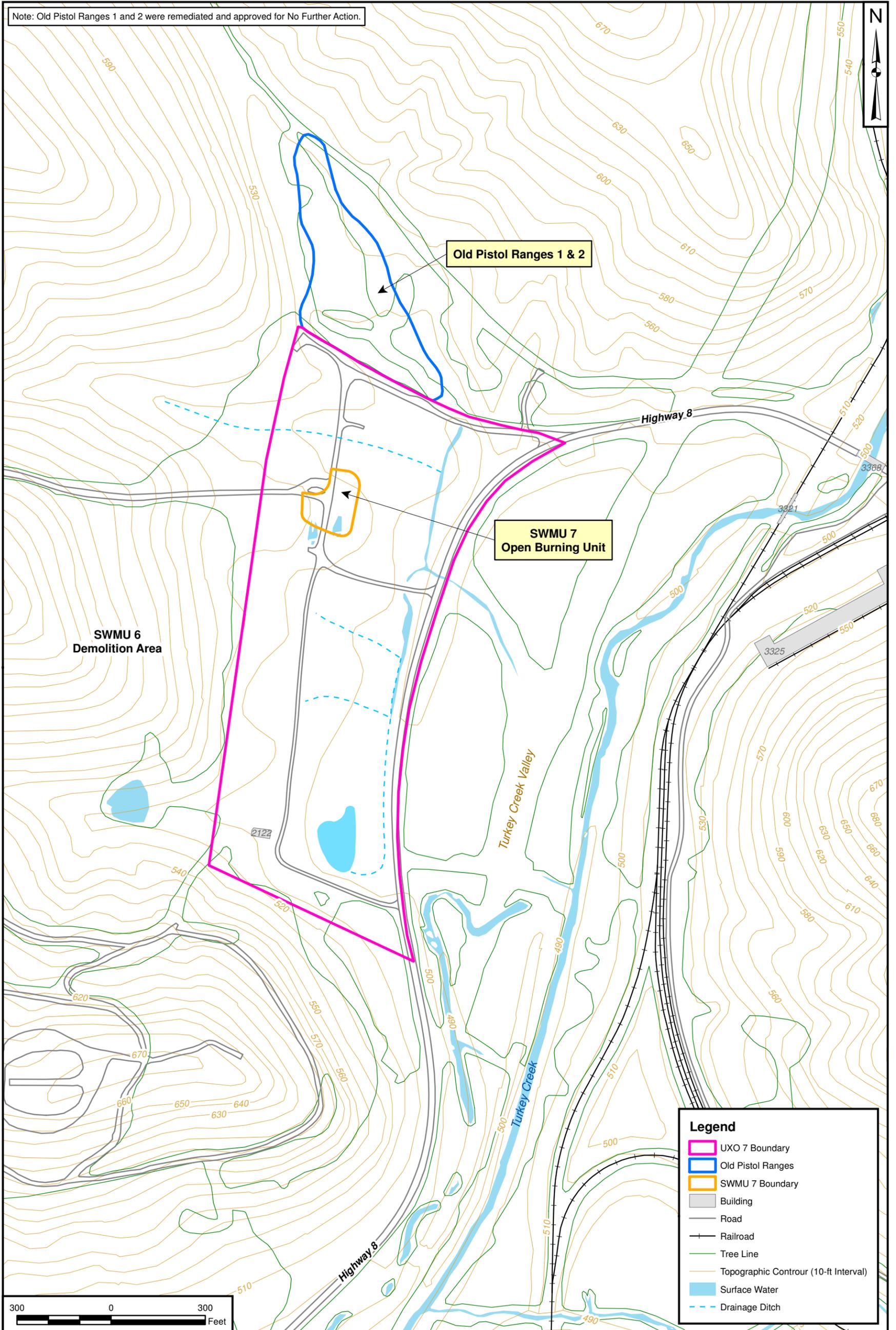
DRAWN BY	DATE
J. ENGLISH	07/07/11
CHECKED BY	DATE
R. BARRINGER	05/17/13
REVISED BY	DATE
S. PAXTON	05/17/13
SCALE AS NOTED	



**RANGE DETAIL LAYOUT**  
**UXO 7 - OLD RIFLE RANGE AND TRAP RANGES**  
**NSA CRANE**  
**CRANE, INDIANA**

CONTRACT NUMBER	CTO NUMBER
0057	F272
APPROVED BY	DATE
APPROVED BY	DATE
FIGURE NO.	REV
1 - 2	0

Note: Old Pistol Ranges 1 and 2 were remediated and approved for No Further Action.



DRAWN BY	DATE
J. ENGLISH	08/05/11
CHECKED BY	DATE
R. BARRINGER	05/16/13
REVISED BY	DATE
S. PAXTON	05/16/13
SCALE AS NOTED	



LOCAL FEATURES AND TOPOGRAPHY  
 UXO 7 - OLD RIFLE RANGE AND TRAP RANGES  
 NSA CRANE  
 CRANE, INDIANA

CONTRACT NUMBER	CTO NUMBER
0057	F272
APPROVED BY	DATE
APPROVED BY	DATE
FIGURE NO.	REV
FIGURE 1-3	0

## 2.0 PRE-INTERIM MEASURES ACTIVITIES

The Navy referenced the UXO 7 IMWP in its request for proposals from qualified EMAC contractors. The Final IMWP (Tetra Tech, 2013) was approved by USEPA on January 17, 2014. The Navy selected an EMAC contractor, VRHK to perform the work. VRHK prepared the Final Work Plan for the IM soil removal actions at the UXO 7 ORR and Trap Ranges in November 2013 (VRHK, 2013a) that described how the work would be implemented to achieve the requirements identified in the UXO 7 IMWP. VRHK also developed an Accident Prevention Plan (APP) with Site Safety and Health Plan (SSHP) and Activity Hazard Analyses (AHA) for this IM (VRHK, 2013b) in accordance with the latest edition of the United States Army Corps of Engineers Safety and Health Requirements Manual, Engineer Manual (EM) 385-1-1 and 29 Code of Federal Regulations (CFR) 1910.120. The VRHK Final Work Plan (was approved by the Navy and provided information on the following topics:

- Project background and general project organization
- Remedial action objectives
- Planning and permitting
- Support activities (waste characterization, backfill sampling, etc.)
- Site security and access
- Erosion and sediment control
- Site preparation and mobilization
- Excavation, stockpiling, and potential treatment of impacted soils
- Transportation and off-site disposal of soil
- Backfill and site restoration
- Demobilization of equipment and personnel
- Discussions of health and safety, quality control, and contingency and emergency response

Figures 3-1 and 3-2 present the general layout of the soils that were targeted for excavation during the UXO 7 IM.

After the planning documents were approved and the permits obtained, Bledsoe, Riggert, & Guerrettaz, Inc., an Indiana-licensed land surveyor, marked the limits of the soil excavation areas with surveyed perimeter points or nodes. The excavation nodes marked the corners of the of the initial excavation areas as noted in the IMWP (Tetra Tech, 2013). Wooden stakes were placed at the excavation nodes. Figures 3-1 and 3-2 show the excavation nodes that are listed in Table 3-1. The excavation nodes were marked on January 13 and 14, 2014, for the soil excavation areas (three general soil lead areas and two

general soil PAH areas). The limits of excavation were marked and flagged on the ground, and ground elevations across the area to be excavated were measured and recorded prior to excavation. Photographs in Appendix A include images of the excavation boundaries with staked and labelled perimeter nodes.

VRHK mobilized to the site on January 15, 2014, with a direct-push technology (DPT) rig to collect soil characterization samples for TCLP analysis. Six of the nine collected samples had TCLP lead concentrations less than the regulatory limit (5 mg/L lead) for characterization as hazardous waste. However, TCLP lead concentrations in three samples collected from the Berm Area (from Subareas BA-4, BA-5 [south], and BA-6) exceeded that same regulatory limit. These pre-excavation sampling by VRHK established that the lead-contaminated soils from these areas would require on-site stabilization, TCLP retesting, and passing the TCLP test before these lead-contaminated soils could be managed, transported, and disposed as non-hazardous materials.

### 3.0 INTERIM MEASURES

The initial mobilization of VRHK field personnel and site equipment to the UXO 7 project site occurred on February 17, 2014. Figures 3-1 and 3-2 present the general layout of the soils that were targeted for excavation in the UXO 7 IMWP (Tetra Tech, 2013). Table 3-1 presents the coordinates of the excavation perimeter nodes. The UXO 7 IM project team kick-off meeting was held at NSA Crane on February 18, 2014, prior to the movement of any soil materials to prioritize the sequence of the definable work elements for the project and to confirm project team understanding and roles for project communications and task performance coordination. Erosion and sediment control devices were installed at the UXO 7 site prior to beginning the intrusive excavation activities on February 20, 2014.

As described in the following sections, IM work continued with several shutdown periods due to inclement weather during March and April 2014. Final site restoration activities included placement of topsoil and planting of grass seed, which were completed from April 22 to 24, 2014. The IM project work was monitored by the Navy with Tetra Tech providing support to the Navy. Tetra Tech also was responsible for collection of confirmation samples. Photographs of IM activities are presented in Appendix A.

Appendix B presents copies of the following VRHK daily reports:

- Contractor Production Reports
- Contractor Quality Control Reports

Off-site disposal documentation is presented in Appendix C and includes copies of signed non-hazardous waste disposal manifests for the 331 truckloads (6,177 tons) of material that were disposed of off-site at the Rumpke Landfill in Medora, Indiana. The local trucking company initially selected to transport the excavated soil for off-site disposal and to deliver backfill material to the UXO 7 site during February 2014 was (William K.) Hanna Trucking, Inc., located in Bloomington, Indiana. However, during March and April 2014, VRHK contracted with Young Trucking, Incorporated (Unionville, Indiana), to provide trucks and operators to deliver backfill to the site and transport waste soil to the landfill for disposal (Table 3-2). Some of the excavated lead-contaminated soil did not pass the Toxicity Characteristic Leaching Procedure (TCLP) test for lead (even after on-site stabilization), and the decision was made to manage these soils as hazardous waste. Appendix C also includes copies of signed hazardous waste disposal manifests for the 16 truckloads of hazardous soil (383 tons) transported by Beelman Truck Company (Indianapolis, Indiana) for off-site disposal at the Peoria Disposal Company (PDC) Landfill #1 in Peoria, Illinois (Table 3-3). The EMAC analytical report, presented in Appendix D, includes the pre-excavation TCLP analytical results for soil from the areas to be excavated.

Quarried rock from Ben's Quarry in Springville, Indiana, was approved by the Navy to construct and maintain haul roads at the UXO 7 site. Transportation of quarried rock was completed by Hanna Trucking during February 2014 and by Young Trucking during March and April 2014 (Table 3-4). Structural backfill was hauled by Young Trucking from the Votorantim Cement North America, Inc. (VCNA) Prairie Plant #4978 in Bloomfield, Indiana, during March and April 2014, and topsoil backfill was hauled by Young Trucking from VCNA's Prairie Plant #4978 during April 2014 to UXO 7 (Table 3-4). Weight tickets for the truckloads of structural backfill and topsoil backfill are presented in Appendix E.

### **3.1 SITE PREPARATION AND SUPPORT ACTIVITIES**

A field project kick-off and safety review meeting was held at NSA Crane with the Navy Environmental Coordinator, EMAC contractor field staff and their partners and subcontractors, and Tetra Tech on February 18, 2014. Silt socks, safety fencing, and safety signs were installed at UXO 7 in accordance with plan specifications on February 20, 2014. Site security measures including fencing and signs were installed for safety and to notify installation personnel about the performance of IM activities at UXO 7. No additional erosion and sedimentation (E&S) controls were determined to be necessary at the site. There was an existing gravel entrance to the site, and a solid graveled area near the excavation was used to stage the trucks for loading. The trucks that were loaded with soil for transport off-site stayed on stabilized gravel surfaces and did not drive onto excavated or disturbed areas; therefore, they did not collect soil from the excavation areas. The trucks were carefully loaded by an excavator that remained in the disturbed excavated area, and there was no visible spillage.

Two TCLP samples from the BA-6 subarea within the 400-Yard Berm Area were collected by VRHK and sent to Microbac Laboratories (Marietta, Ohio) for analysis on March 4, 2014. The leachate from the northern sample from BA-6 had a lead concentration less than the regulatory threshold for classification as a hazardous waste. However, the leachate from the southern sample from BA-6 had a lead concentration in excess of the regulatory threshold and was classified as hazardous. Tetra Tech field personnel collected additional TCLP samples from soil stockpiles on March 13 and April 1, 2014. Field documentation is presented in Appendix F.

Peter Ramanauskas, from the USEPA, Region V, visited the UXO 7 IM project site on March 5, 2014, for a walkthrough of the site excavations and received a brief presentation of the XRF field screening process for soil lead.

Several trees on the western margin of the West Trap Range were cleared on March 31, 2014, to facilitate potential step-out sampling and supplemental soil removals due to elevated BaP equivalent concentrations in West Trap Range soils near the current tree line.

Support area soil samples were collected by Tetra Tech field personnel on April 23, 2014 for lead and PAH analysis, to confirm that the operations performed in the VRHK project support areas had not impacted the underlying soil. The support area sample results confirmed that soil beneath the support areas had not been impacted by lead or PAH contamination.

### **3.2 SOIL EXCAVATION**

Excavations were performed using an excavator that remained within the disturbed areas. Soil that was excavated from the site was either temporarily stockpiled within each excavation area or loaded directly onto trucks that were staged on stable areas just outside the excavation. The loading process was performed with care, and no visible spillage was observed. IM soil excavation at UXO 7 began on February 19, 2014. Table 3-2 generally identifies when soils were removed from specific excavation areas. As described in the following discussion, there were phases of soil excavation work performed in the Berm Area and in the Drainage Area that overlapped in terms of time period. Consequently the identification of the specific excavation area from that overlapped time was grouped as “lead” to represent lead soil removal from those areas.

#### **Dirt Mound**

The lead-contaminated soil in the Dirt Mound was removed first, and the removal was started on February 19, 2014 and completed on February 20, 2014. As indicated on Table 3-2, 363.72 tons of lead-contaminated soil were removed from the Dirt Mound. No backfill was required for the Dirt Mound subarea because the soil at the Dirt Mound had been placed on the ground surface on a plastic tarp at grade. Below ground excavations were not required. No confirmation sampling was required in the area of the Dirt Mound because the soil beneath the dirt mound plastic tarp had been sampled during the previous site investigation/delineation phases (Tetra Tech, 2012a) and there was no soil lead contamination identified in the deeper soil samples (beneath the tarp at the base of the mound) that exceeded the MCG. However, the former Dirt Mound Area was also used by VRHK during the IM as a support area. Therefore, the surface soil beneath the former mound area was sampled again at the conclusion of the IM to verify that IM support activities had not impacted the soil beneath the tarps placed at the former Dirt Mound location and also for similar tarps placed beneath soil stockpiles staged in this general area (Figure 3-14).

## **Berm Area**

Soil excavations were initiated within the Berm Area on February 20, 2014. Because the EMAC chose to use portions of the Berm Area for soil stockpiling and soil stabilization treatment, certain excavation walls and floors in the Berm Area were not immediately accessible for confirmation sampling. As indicated on Table 3-2, approximately 4,350 tons of non-hazardous lead-contaminated soil were removed from the Berm Area/Drainage Area. To aid in presenting the extent of the soil excavations for the Berm Area in understandable areas with sufficient scale to show the details regarding confirmation sampling performed along the excavation walls and floors, the Berm Area was further grouped into three areas 1: (BA-1, BA-2 and BA-3), 2: (BA-4, BA-5, BA-6, BA-7, and BA-8), and 3: (BA-9 and BA-10). One or more two-foot step-out excavations were required for the sidewalls in the eastern half of Subarea BA-1 to address the soil lead concentrations detected in the original excavation sidewalls (Figure 3-9). Similar step-out excavations to the east were required for Subarea BA-4 (which actually required excavation into the adjacent Subarea BA-1), as well as eastern wall step-out excavations for the northern portion of Subarea BA-5, and eastern step-out wall excavations for Subarea BA-8 (Figure 3-11). Additional step-out excavations were required for southeastern wall of Subarea BA-4, part of the southern wall of Subarea BA-6, and the northern excavation walls of Subarea BA-6. The southwestern wall of Subarea BA-8 required a single two-foot step-out and the eastern excavation wall of Subareas BA-7 also required a two-foot step-out excavation. Three of the quadrants within Subarea BA-6 also required one-foot step-down excavations when the initial soil excavation floor samples did not meet the human health standards for lead (Figure 3-11). The excavations completed for Subareas BA-9 and BA-10 were performed as described in the IMWP (Tetra Tech, 2014) and no additional step-out excavations or soil samples were required (Figure 3-13). The collection of confirmation samples from excavation areas used to support soil stockpiling or soil stabilization treatment was not completed until the contaminated soils were removed and the limits of the excavation could be accessed and sampled (Figures 3-9, 3-11, and 3-13). The final extent of the Berm Area excavation walls and floors that met removal action cleanup goals was delineated on April 16, 2014 (Figures 3-10, 3-12, and 3-13).

## **Drainage Area**

Drainage Area soil excavation to address elevated lead concentrations began on February 27, 2014 (Figure 3-7). As indicated on Table 3-2, approximately 4,350 tons of non-hazardous lead-contaminated soil were removed from the combined Drainage Area/Berm Area. It is believed that the soils excavated from the Drainage Area constituted only a small percentage of that stated total, since the Drainage Area was only about 350 square feet and the excavation extended to a depth of two feet below ground surface (bgs). The northern excavation wall required a 2-foot step-out excavation in the Drainage Area, which

necessitated supplemental sampling (Figure 3-7). The final extent of the Drainage Area excavation walls and floor that met removal action cleanup goals was delineated on March 18, 2014 (Figure 3-8).

### **East Trap Range**

The soil excavation in the East Trap Range began on March 5, 2014, and continued through March 14, 2014. The initial northern excavation boundary for East Trap Range Area 6 (ETR-6) and the corresponding corner excavation node (ETR6-1) were located within a shallow drainage ditch that conveys surface water runoff in this area of UXO 7. A consensus decision was made with the EMAC contractor, Tetra Tech, and Navy representatives to not excavate into the drainage ditch unless absolutely necessary. Therefore, the IM participants field-relocated the excavation node (ETR6-1) and the northernmost extent of Excavation Wall AA for ETR-6 to a mutually agreed to boundary immediately south, but outside the drainage ditch feature, slightly reducing the volume of soil proposed for excavation and disposal. The confirmation sampling was used to indicate whether additional soil excavation would be required, and if necessary, would extend into the ditch to address detected soil contamination (Figure 3-5). As indicated on Table 3-2, approximately 691 tons of PAH-contaminated soil were removed from the East Trap Range. Fortunately, the soil confirmation samples on relocated Excavation Wall AA for ETR-6 indicated that the soil PAH concentrations (as BaP equivalents) at the revised limit of the excavation wall (outside the ditch) were below the MCGs and no additional soil removal was required for that excavation wall perimeter (Figure 3-6). There were no soil excavations that intruded into the unnamed drainage ditch that runs west-to-east across the mid-section of the East Trap Range area. No supplemental step-out or step-down excavations were required at the former East Trap Range.

### **West Trap Range**

Soil excavation for the West Trap Range began on March 14, 2014, and continued through March 17, 2014. As indicated on Table 3-2, approximately 772.4 tons of PAH-contaminated soil were removed from the West Trap Range (Figure 3-3). A series of step-out excavations were required within subarea WTR-1 for excavation sidewall EA (on the south edge of the excavation), and sidewalls GA, HA and HB (on the western edge of the excavation). A four-foot step-out distance was selected to reduce the number of potential intermediate soil wall samples collected and analyzed until acceptable soil PAH concentrations (as BaP equivalent concentrations) were encountered. The final step-out excavations for the western sidewall because of elevated BaP equivalent concentrations near the tree line were completed on March 26, 2014 (Figure 3-4).

There were prolonged periods when air temperatures were below freezing and the backfill materials and excavated soil being transported to the landfill for disposal were freezing into the dump truck beds. Soil

excavation and/or soil loading and disposal activities were suspended on February 26 and 27, 2014, because of freezing temperatures. On March 3, 2014, the UXO 7 IM site activities were again suspended due to freezing temperatures and a large snowstorm in the area. It was believed that the snowy roads and low temperatures would make site access difficult and truck transport potentially unsafe, so UXO 7 activities were suspended. Additional work days when soil loading and disposal were not performed included March, 6 through 8, 10 and 11, 21, 27, 28, and 31 and April 1 and 2, 2014. The performance of site activities were suspended during the week of April 7 through 14, 2014, during the processing and analysis of TCLP samples for treated (stabilized) soil piles at the site and to support the shipment and delivery of additional soil stabilizing agent to the UXO 7 site. UXO 7 IM activities resumed on April 15, 2014, and continued through April 25, 2014.

### **3.3 TRANSPORTATION AND OFF-SITE DISPOSAL OF SOIL**

Prior to coming onto the site, all trucks were weighed at the DRMO truck scales to obtain a tare weight. After they were loaded with material from UXO 7, they were reweighed at the DRMO scales to confirm they were within Department of Transportation weight limits before leaving NSA Crane.

A total of 84 truckloads of soil containing approximately 1,715 tons of lead-contaminated soil were transported during February 2014 under non-hazardous waste manifests by Hanna Trucking Company for off-site disposal in the Rumpke Landfill in Medora, Indiana. A total of 163 truckloads of soil containing approximately 2,981.5 tons of lead-contaminated soil were transported during March and April 2014 under non-hazardous waste manifests by Young Trucking Company for off-site disposal in the Rumpke Landfill in Medora, Indiana. A total of 84 truckloads of soil containing approximately 1,463.5 tons of PAH-contaminated soil were transported during March 2014 under non-hazardous waste manifests by Young Trucking Company for off-site disposal in the Rumpke Landfill in Medora, Indiana. Quantities of non-hazardous soil disposed of during the UXO 7 IM are summarized in Table 3-2, and copies of the signed non-hazardous waste disposal manifests are presented in Appendix C.

For those areas where the excavated soil was stockpiled and treated on site, a representative sample of the material was collected and analyzed prior to disposal. The results of those analyses (included in Appendix D) confirmed that the soil from areas with elevated lead concentrations could not be disposed of as non-hazardous waste without stabilization. The TCLP sample collected from the soil in the southern part of Subarea BA-6 failed the TCLP criterion for lead after previous treatment with EnviroBlend (March 10, 2014). Those same BA-6 soils were re-mixed and with additional EnviroBlend on March 11, 2014. The TCLP results came back as non-hazardous on 3/14/2014). In all cases stabilized soils were successfully stabilized, although in at least one case a second stabilization treatment was required.

Some soils that were characterized as hazardous (due to soil lead content) were not stabilized and were disposed as hazardous wastes. VRHK had fulfilled the soil quantities of the base award that required lead stabilization. Since there was no contract provision to support additional treatment, the Navy requested comparative pricing for additional treatment/stabilization and for direct disposal of the lead-containing soil as hazardous waste. In this case, VRHK & the Navy determined it was more economical to ship the higher concentration lead soils as hazardous waste rather than use additional time and resources to stabilize the soil to support management, shipment, and disposal as non-hazardous waste. Consequently, the untreated lead-contaminated soils that were unable to pass the TCLP test for lead were excavated, loaded, transported, and disposed of as hazardous solid waste. A total of 16 truckloads of soil containing approximately 383 tons of stabilized lead-contaminated soil that remained hazardous after stabilization were transported by Beelman Truck Company under hazardous waste manifests for off-site disposal at the PDC Landfill #1 in Peoria, Illinois. Quantities of hazardous lead-contaminated soil that were excavated from UXO 7 and disposed of as hazardous waste soil are summarized in Table 3-3, and copies of the signed hazardous waste disposal manifests are presented in Appendix C.

### **3.4 UXO 7 IM SOIL CONFIRMATION SAMPLING**

UXO 7 Technical Memorandum - Field Task Modification Request (FTMR) No. 3 was prepared to guide the performance of composite post-excavation confirmation soil sampling during the IM at the UXO 7 ORR and Trap Ranges and was included as Appendix D in the UXO 7 IMWP (Tetra Tech, 2013).

Composite soil sampling was performed using plastic and stainless steel trowels, and soil was composited in accordance with the practices and procedures presented in SOP-05, Composite Soil Sampling, and as summarized in the following sections. Excavation sidewalls were sampled so single soil composite samples represented segments of approximately 50 linear feet (plus or minus 10 percent) of excavation sidewall. For each 2-foot-high vertical section of sidewall, six individual aliquots were collected from various elevations within that 2-foot horizon and composited into a single representative sample for that sidewall segment. For excavation sidewalls greater than 2 feet high, the same sidewall lengths were sampled in a similar fashion so that an additional composite soil sample was collected for the next underlying soil horizon. In those instances where the sidewall was only 1 foot high or where the remaining unsampled sidewall height was only 1 foot thick, a composite sample was collected from along the unsampled 1-foot horizon. The floors of the excavation subareas were sampled when there were insufficient soil data to confirm the soil concentration of lead or PAHs at the excavation base. A minimum of one soil composite sample was collected from each subarea and consisted of six discrete soil sample aliquots collected from the excavation floor. One composite soil sample was collected for each 1,200 square feet of excavation floor, as established in the soil confirmation sampling plan.

The planned excavations for PAH risk reduction at UXO 7 were generally performed to the horizontal and vertical limits indicated in the UXO 7 IMWP and as shown on Figure 3-1, and the planned excavations for lead risk reduction were generally performed to the horizontal and vertical limits indicated in the UXO 7 IMWP and as shown on Figure 3-2. The following discussion presents site-specific information for PAH and lead excavation areas at UXO 7.

### **3.4.1 Soil Sampling for PAH as Benzo(a)Pyrene Equivalents**

Confirmation PAH soil samples were collected from the walls and floors of the excavations and submitted to an Earth Toxics, Inc. contracted laboratory in Savannah, Georgia for expedited analysis. The expedited PAH analytical results were submitted electronically to Tetra Tech, and the BaP equivalent concentrations were calculated. The soil BaP equivalent concentrations for soil samples collected from excavation sidewalls and floors during the IM were provided to the Navy to obtain consensus on whether additional soil removal at the perimeter and floors of the excavations was necessary.

#### **West Trap Range**

The West Trap Range soil excavation area is presented on Figure 3-3, which also includes a summary of the soil samples collected at the West Trap Range. Concentrations of BaP equivalents in six excavation wall samples from the West Trap Range required step-out excavations and resampling (Table 3-5). Post-IM BaP equivalent concentrations at the limits of the excavation for the West Trap Range at UXO 7 are presented on Figure 3-4 and in Table 3-6. Risk resulting from residual PAHs in soils is described in Section 4.2 of this IMR.

#### **East Trap Range**

The East Trap Range soil excavation area is presented on Figure 3-5, which also includes a summary of the soil samples collected at the East Trap Range. To avoid excavation inside a surface water drainage ditch on the East Trap Range, excavation node (ETR6-1) was field-relocated to be immediately south, but outside the drainage ditch slightly reducing the volume of soil proposed for excavation and disposal for subarea ETR-6. The soil confirmation samples on relocated Excavation Wall AA for ETR-6 indicated that the soil PAH concentrations (as BaP equivalents) at the revised limit of the excavation wall (outside the ditch) were below the MCGs and no additional soil removal was required for that excavation wall perimeter. No supplemental wall or floor samples were required in the East Trap Range excavations (Table 3-7). Post-IM BaP equivalent concentrations at the East Trap Range are presented on Figure 3-6 and in Table 3-8. The risk resulting from residual PAHs in soils is described in Section 4.2 of this IMR.

### **3.4.2 Soil Sampling for Lead**

All lead samples were initially analyzed in the field using XRF techniques. If an XRF result for lead was approximately 300 mg/kg (ppm) or greater, then the EMAC contractor was asked to extend the excavation wall by an additional 2 feet until subsequent XRF data for the step-out wall indicated a reduction in the lead concentration. There were instances where step-outs of more than two feet were used. Visual observations and technical judgment were also used to support decisions when non-standard step-out excavations were required. If excavation floor lead XRF concentrations exceeded 300 mg/kg, then the EMAC contractor was asked to excavate additional soil (a 1-foot step down) from the excavation floor, and a new XRF sample was collected for field screening.

The collection of composited soil samples and the use of XRF instrumentation to support real-time field screening of excavation walls and floors for lead concentrations during the IM at UXO 7 were based on previous good correlations between field XRF and FBL lead concentrations. The field XRF threshold for lead of 300 mg/kg was chosen because the correlation studies had shown that this concentration would result in a laboratory concentration of less than 400 mg/kg.

The final lead step-out samples were sent for analysis by the FBL on an expedited basis so results could be used to support decisions for continued excavation to address soil lead contamination and to confirm completion of the soil excavations. The FBL lead concentrations in excavation sidewalls and floor samples were provided to and evaluated by the Navy to determine whether additional step-out excavations were necessary.

### **Drainage Area on Old Rifle Range**

The soil excavation limits at the Drainage Area on the ORR at UXO 7 and the confirmation soil samples collected at the Drainage Area are presented on Figure 3-7. Only one excavation wall sample collected in the Drainage Area excavation required a step-out excavation and resampling to confirm that a sufficient volume of lead-contaminated soil had been removed to obtain the desired risk reduction (Table 3-9). Post-IM lead concentrations at the Drainage Area at UXO 7 are presented on Figure 3-8 and included in Table 3-10. The IM removal action to address lead contamination at the Drainage Area and reduce the risk to receptors is described in Section 4.1 of this IMR. The risk resulting from residual lead in soils is described in Section 4.1 of this IMR.

## **400-Yard Berm Area on Old Rifle Range**

The soils in the 400-Yard Berm Area on the ORR contained some of the highest lead concentrations at UXO 7, but as originally planned in the IMWP, not all of the berm was to be excavated. Confirmation soil sampling of excavation walls and floors was used to define the extent of the excavation and subsequently expanded the amount of berm soil that was eventually removed during the IM. The size and complexity of the 400-Yard Berm Area excavation to address lead soil contamination required extensive sampling of excavation walls and floors. To simplify the presentation of soil sampling and excavation details within the 400-Yard Berm Area, the excavation area is subdivided into three smaller areas, as follows:

- Subareas BA-1, BA-2, and BA-3
- Subareas BA-4, BA-5, BA-6, BA-7, and BA-8
- Subareas BA-9 and BA-10.

### Subareas BA-1, BA-2, and BA-3

The soil excavation limits and a summary of the confirmation soil samples collected at Subareas BA-1, BA-2, and BA-3 in the 400-Yard Berm Area are presented on Figure 3-9 and Table 3-9. Several excavation wall samples collected in Subareas BA-1, BA-2, and BA-3 in the 400-yard Berm Area excavation required step-out excavations and resampling. Residual (Post-IM) lead concentrations in Subareas BA-1, BA-2, and BA-3 in the 400-Yard Berm Area at UXO 7 are presented on Figure 3-10 and included in Table 3-10. Residual risks are described in Section 4.1 of this IMR.

### Subareas BA-4, BA-5, BA-6, BA-7, and BA-8

The soil excavation limits and a summary of the confirmation soil samples collected at Subareas BA-4, BA-5, BA-6, BA-7, and BA-8 are presented on Figure 3-11 and Table 3-9. Multiple excavation wall samples and three floor samples collected in Subareas BA-4, BA-5, BA-6, BA-7, and BA-8 required step-down or step-out excavations, respectively, and resampling. Residual (Post-IM) lead concentrations in Subareas BA-4, BA-5, BA-6, BA-7, and BA-8 are presented on Figure 3-12 and included in Table 3-10. Residual risks are described in Section 4.1 of this IMR.

### Subareas BA-9 and BA-10

The soil excavation limits and a summary of the soil samples collected at Subareas BA-9 and BA-10 are presented on Figure 3-13 and Table 3-9. No excavation wall or floor samples collected in Subareas BA-9 and BA-10 required step-down/step-out excavations and resampling to confirm that a sufficient volume of

lead-contaminated soil had been removed; therefore, Figure 3-13 also presents the post-IM lead concentrations at Subareas BA-9 and BA-10, which are included in Table 3-10. Residual risks are described in Section 4.1 of this IMR.

### **Dirt Mound Area on Old Rifle Range and Support Area Sampling**

The soil excavation limits at the Dirt Mound Area on the ORR are presented on Figure 3-14 and represent the footprint of the above-grade dirt mound removed during the IM. When initially constructed, the base of the Dirt Mound had been placed on a tarp to prevent mixing of mound material with underlying native soil materials. The excavation process for the Dirt Mound entailed the removal of the above-grade pile of lead-contaminated soil and removal of the tarp from the base of the Dirt Mound. Backfill was not required for the Dirt Mound area because there was no subgrade excavation (below the tarp level) into the natural ground surface. No confirmation sampling was required in the area of the Dirt Mound because the soil beneath the dirt mound plastic tarp had been sampled during the previous site investigation/delineation phases (Tetra Tech, 2012a) and there was no soil lead contamination identified in the deeper soil samples (beneath the tarp at the base of the mound) that exceeded the MCG.

The former Dirt Mound Area was the initial location for soil removals at UXO 7 and that location was subsequently used by VRHK during the IM as a support area and a staging area for excavated soil. The volume of the soil material staged in this area grew beyond the footprint of the original Dirt Mound area, so VRHK constructed adjacent staging areas with tarps to support the staging of the additional soil piles, as shown in Figure 3-14. Photographs of the soil stockpiles are included on Appendix A,

Because the former Dirt Mound Area was used by the contractor as a soil stockpile staging and support area, the surface soil beneath the tarps below the former soil stockpiles in this general area needed to be sampled again at the conclusion of the IM to verify that soil contamination had not impacted the underlying soil. The lead concentrations of the post-IM UXO 7 support areas sampled in the Dirt Mound area are shown on Figure 3-14 and the corresponding lead results of the three composite soil samples from these support areas (designated by "SA") are included in Table 3-10. No significant lead or PAH contamination were detected in samples collected to evaluate surface soil conditions at UXO 7 Support Areas. The IM removal action to address soil lead contamination in the Dirt Mound Area at the ORR and reduce risk to receptors is described in Section 4.1 of this IMR.

## **3.5 BACKFILL AND RESTORATION**

As shown in Table 3-4, multiple truckloads of #53 rock and #2 gravel were brought to the site from Ben's Quarry in Springville, Indiana beginning as early as February 19, 2014, to construct and maintain haul roads

at the UXO 7 site. Quarried rock was transported by Hanna Trucking during February 2014 and by Young Trucking during March and April 2014 (Table 3-4). Structural backfill was hauled by Young Trucking from the VCNA Prairie Plant #4978 in Bloomfield, Indiana, during March and April 2014 to UXO 7.

The UXO 7 excavations were backfilled with structural backfill (as common fill) from the VCNA facility to within about 6 inches of the ground surface. The combined total amount of structural backfill and gravel placed at UXO 7 was 3,293 tons. On April 11, 2014, most of the UXO 7 excavations had received the necessary structural backfill, so the uppermost 6 inches of the excavations were then backfilled with topsoil. An estimated 2,043 tons of topsoil backfill was hauled by Young Trucking from VCNA's Prairie Plant #4978 during April 2014 to a stockpile area at UXO 7. Documentation for the 5,335 tons of material used to fill and restore the UXO 7 excavations, including copies of weight tickets for the truckloads of structural backfill and topsoil backfill brought to the site, are presented in Appendix E.

All off-site backfill materials were tested and approved prior to entering the site. Common sand fill (ASTM SM designation) was used to backfill each excavation to a depth of 6 inches below final grade. This material was placed into each excavation in maximum 9-inch-thick lifts and compacted with a minimum of three passes of a bulldozer.

The uppermost 6 inches of backfill used to establish final grades was topsoil suitable for establishing vegetation. After placement, the topsoil was loosened in place using a rake pulled by a tractor. Final grading included matching the new grade with the adjacent ground. On April 21, 2014, final grading of the fill sites was completed, and an approved grass seed mix was sowed into the topsoil. The goal of site restoration was to reconstruct the new landscape to generally match pre-removal action site conditions. One exception was the area of the 400-yard berm which was modified from the pre-IM condition so the former berm footprint was restored to match the grade of the surrounding area. All disturbed ground was fertilized with low-nitrogen starter fertilizer and then seeded with an appropriate Kentucky 31 Fescue-based "highway mix" with a 10-percent winter mix and 10-percent mixture of rye grass. An erosion control mat was used to stabilize seeding along the slope of the westernmost side of the West Trap Range. Dried straw was blown onto the ground surface to cover and stabilize the other disturbed areas at UXO 7 while protecting the newly planted grass seed, promoting water retention, and supporting successful grass germination. Inspections of these restoration areas were performed, as required, approximately once per week or until about 75 percent of the grass had established healthy growth.

Final erosion control measures consisted of a series of straw wattles anchored along the boundaries of the project work areas. The wattles chosen for UXO 7 were biodegradable, which allowed them to be left in

place. Photographs of the restoration activities and the establishment of the of the planted grass cover are included in Appendix A.

### **3.6 ANALYTICAL DATA QUALITY FOR UXO 7 IM CONFIRMATION SOIL SAMPLES**

The composite soil samples collected from excavation area walls and floors were collected to verify that sufficient soil contamination has been removed from the former range areas and that the soil remaining on the excavation walls or floor had reduced concentrations of lead or PAHs in the soil with corresponding reduced exposure risks to human or ecological receptors. The laboratory analytical data for these excavation confirmation soil samples were validated using USEPA National Functional Guidelines for Organic Data Review (June, 2008) and USEPA National Functional Guidelines for Inorganic Data Review (January, 2010). The following quality control parameters were validated for compliance to analytical method and laboratory quality control criteria: holding time compliance, calibration compliance, laboratory blank contamination, interference check sample recovery, surrogate recoveries, internal standard recoveries, matrix spike recoveries, blank spike recoveries, serial dilution, analyte quantitation, and detection limits.

Overall, sample quality data was considered acceptable for use in decision making based on the outcome of the data validation process. The outcome of data validation yielded sample qualifications but were limited to matrix spike non-compliances, field duplicate imprecision (for PAHs only), and serial dilution percent difference exceedances. The data qualifications were considered minor in nature and the affected sample results were estimated. Also, as part of the validation process, sample results from each sample delivery group were checked and verified via recalculation of sample results. No errors were encountered. Several instances of manual area integration were flagged by the laboratory (M qualifier) but almost all, with the exception of three dibenz(a,h)anthracene results, were limited to attempting to improve the integration of benzo(b)fluoranthene and benzo(k)fluoranthene. Benzo(b) and benzo(k) fluoranthene co-elute and are often characterized by peak to valley resolution separation difficulties. The validated laboratory analytical data for the soil confirmation samples at UXO 7 are considered acceptable for use in supporting site-specific decision-making and management decisions for the former small arms range areas at UXO 7.

TABLE 3-1

EXCAVATION NODES FOR UXO 7 INTERIM MEASURES  
 NSA CRANE, INDIANA  
 PAGE 1 OF 4

Subarea Name	Excavation Node Point Label	Easting	Nothing
DA1	DA1-1	3025932.12	1305765.96
	DA1-2	3025941.83	1305764.39
	DA1-3	3025946.06	1305757.29
	DA1-4	3025929.88	1305748.13
	DA1-5	3025921.71	1305759.82
DA2	DA2-1	3025939.49	1305791.80
	DA2-2	3025949.49	1305791.80
	DA2-3	3025949.49	1305781.80
	DA2-4	3025939.49	1305781.80
BA1	BA1-1	3025815.61	1305661.18
	BA1-2	3025974.25	1305653.22
	BA1-3	3025983.83	1305608.37
	BA1-4	3025904.31	1305613.87
	BA1-5	3025816.02	1305639.36
BA2	BA2-1	3025957.04	1305607.19
	BA2-2	3025967.04	1305607.19
	BA2-3	3025967.04	1305597.19
	BA2-4	3025957.04	1305597.19
BA3	BA3-1	3025880.02	1305604.46
	BA3-2	3025890.02	1305604.46
	BA3-3	3025890.02	1305594.46
	BA3-4	3025880.02	1305594.46
BA4	BA4-1	3025770.55	1305651.39
	BA4-2	3025815.41	1305651.80
	BA4-3	3025816.02	1305639.36
	BA4-4	3025837.87	1305632.28
	BA4-5	3025827.84	1305608.16
	BA4-6	3025800.93	1305604.90
BA5	BA5-1	3025741.18	1305678.71
	BA5-2	3025770.14	1305678.31
	BA5-3	3025770.55	1305651.39
	BA5-4	3025800.93	1305604.90
	BA5-5	3025742.00	1305602.25
BA6	BA6-1	3025669.21	1305669.33
	BA6-2	3025741.18	1305670.15
	BA6-3	3025741.82	1305613.66
	BA6-4	3025669.85	1305612.84

TABLE 3-1

EXCAVATION NODES FOR UXO 7 INTERIM MEASURES  
NSA CRANE, INDIANA  
PAGE 2 OF 4

Subarea Name	Excavation Node Point Label	Easting	Nothing
BA7	BA7-1	3025669.92	1305705.43
	BA7-2	3025679.92	1305705.43
	BA7-3	3025679.92	1305695.43
	BA7-4	3025669.92	1305695.43
BA8	BA8-1	3025711.21	1305713.17
	BA8-2	3025796.24	1305696.45
	BA8-3	3025796.24	1305678.31
	BA8-4	3025741.18	1305678.71
BA9	BA9-1	3025823.80	1305693.83
	BA9-2	3025833.80	1305693.83
	BA9-3	3025833.80	1305683.83
	BA9-4	3025823.80	1305683.83
BA10	BA10-1	3025884.63	1305724.37
	BA10-2	3025894.63	1305724.37
	BA10-3	3025894.63	1305714.37
	BA10-4	3025884.63	1305714.37
DM	DM-1	3025882.60	1305519.72
	DM-2	3025915.86	1305516.65
	DM-3	3025912.45	1305461.72
	DM-4	3025889.16	1305462.91
	DM-5	3025880.38	1305478.27
ETR1	ETR1-1	3025972.50	1304952.15
	ETR1-2	3026013.58	1304956.36
	ETR1-3	3025966.58	1304912.59
ETR2	ETR2-1	3026013.58	1304956.36
	ETR2-2	3026026.70	1304944.04
	ETR2-3	3026009.10	1304926.45
	ETR2-4	3026017.64	1304918.05
	ETR2-5	3026006.14	1304906.67
	ETR2-6	3025991.17	1304918.81
	ETR2-7	3025975.44	1304905.03
	ETR2-8	3025966.58	1304912.59
ETR3	ETR3-1	3026026.70	1304944.04
	ETR3-2	3026031.46	1304942.50
	ETR3-3	3026052.17	1304924.65
	ETR3-4	3026034.39	1304904.27
	ETR3-5	3026009.10	1304926.45

TABLE 3-1

EXCAVATION NODES FOR UXO 7 INTERIM MEASURES  
NSA CRANE, INDIANA  
PAGE 3 OF 4

Subarea Name	Excavation Node Point Label	Easting	Nothing
ETR4	ETR4-1	3026031.46	1304942.50
	ETR4-2	3026077.27	1304936.47
	ETR4-3	3026071.26	1304896.92
	ETR4-4	3026034.39	1304904.27
	ETR4-5	3026053.29	1304924.66
ETR5	ETR5-1	3026095.87	1304933.96
	ETR5-2	3026115.65	1304931.00
	ETR5-3	3026112.69	1304911.22
	ETR5-4	3026092.91	1304914.18
ETR6	ETR6-1	3025963.62	1304892.81
	ETR6-2	3026028.34	1304883.28
	ETR6-3	3026043.52	1304858.15
	ETR6-4	3026039.09	1304820.85
	ETR6-5	3026014.08	1304824.59
	ETR6-6	3026017.04	1304844.37
	ETR6-7	3025997.26	1304847.33
	ETR6-8	3026000.22	1304867.11
	ETR6-9	3025960.66	1304873.03
ETR7	ETR7-1	3026003.31	1304886.98
	ETR7-2	3026023.09	1304884.02
	ETR7-3	3026020.13	1304864.24
	ETR7-4	3026000.35	1304867.20
WTR1	WTR1-1	3025684.29	1304745.44
	WTR1-2	3025748.90	1304732.21
	WTR1-3	3025723.70	1304614.35
	WTR1-4	3025666.35	1304565.22
	WTR1-5	3025607.66	1304577.72
	WTR1-6	3025611.83	1304596.85
	WTR1-7	3025653.92	1304587.88
	WTR1-8	3025658.12	1304607.44
	WTR1-9	3025635.56	1304612.24
	WTR1-10	3025645.13	1304657.62
	WTR1-11	3025701.73	1304700.39
	WTR1-12	3025675.95	1304705.88
WTR2	WTR2-1	3025680.12	1304725.44
	WTR2-2	3025719.24	1304717.11
	WTR2-3	3025715.08	1304697.98
	WTR2-4	3025675.95	1304705.88

TABLE 3-1

EXCAVATION NODES FOR UXO 7 INTERIM MEASURES  
NSA CRANE, INDIANA  
PAGE 4 OF 4

Subarea Name	Excavation Node Point Label	Easting	Nothing
WTR3	WTR3-1	3025715.08	1304697.98
	WTR3-2	3025723.53	1304672.79
	WTR3-3	3025687.56	1304658.45
	WTR3-4	3025676.56	1304681.55
WTR4	WTR4-1	3025712.91	1304658.81
	WTR4-2	3025718.11	1304646.26
	WTR4-3	3025707.12	1304641.62
	WTR4-4	3025701.40	1304654.23
WTR5	WTR5-1	3025671.49	1304631.22
	WTR5-2	3025682.80	1304635.95
	WTR5-3	3025688.27	1304623.24
	WTR5-4	3025677.28	1304618.55
WTR6	WTR6-1	3025658.12	1304607.44
	WTR6-2	3025653.92	1304587.88
	WTR6-3	3025611.83	1304596.85
	WTR6-4	3025615.89	1304615.55

DA = Drainage Area of the Northern Zone (lead)

BA = 400-Yard Berm Area of the Northern Zone (lead)

DM = Dirt Mound Area of the Northern Zone (lead)

ETR = East Trap Range (PAH)

WTR = West Trap Range (PAH)

(see Figures 3-1 and 3-2 for the mapped locations of these excavation nodes).

TABLE 3-2

SUMMARY OF NON-HAZARDOUS SOIL DISPOSED DURING INTERIM MEASURES REMOVAL ACTIONS AT  
UXO 7 - OLD RIFLE RANGE AND TRAP RANGES  
NSA CRANE  
CRANE, INDIANA  
PAGE 1 OF 7

Date	Trucking Company / Landfill	Truck Number	Excavation Area	Time In	Time Out	Waste Manifest Number	Crane Weight Ticket Number	Crane Gross Weight (lbs)	Crane Tare Weight (lbs)	Crane Net Weight (lbs) (1)	Crane Net Weight (tons)	Landfill Gross Weight (lbs)	Landfill Tare Weight (lbs)	Landfill Net Weight (lbs) (2)	Landfill-Crane Difference in Gross weights (lbs) (3)	Landfill-Crane Difference in Tare Weights (lbs) (4)	Landfill-Crane Difference in Net Weights (lbs) (5)	Landfill Scale Ticket Number	Signed Landfill Manifest Received	Daily Tons
2/19/14	Hanna/Rumpke	46	Dirt Mound	1012	1122	001	001	71,840	28,180	43,660	21.83	71,800	28,020	43,780	-40	-160	120	303646	Yes	
2/19/14	Hanna/Rumpke	32	Dirt Mound	1015	1125	002	002	72,080	28,660	43,420	21.71	71,980	28,600	43,380	-100	-60	-40	303647	Yes	
2/19/14	Hanna/Rumpke	33	Dirt Mound	1017	1113	003	003	66,420	28,840	37,580	18.79	66,340	28,600	37,740	-80	-240	160	303642	Yes	62.33
2/20/14	Hanna/Rumpke	46	Dirt Mound	0707	0824	004	004	68,960	28,300	40,660	20.33	68,680	28,020	40,660	-280	-280	0	303710	Yes	
2/20/14	Hanna/Rumpke	32	Dirt Mound	0708	0826	005	005	73,060	28,960	44,100	22.05	72,980	28,600	44,380	-80	-360	280	303711	Yes	
2/20/14	Hanna/Rumpke	33	Dirt Mound	0708	0833	006	006	70,100	29,000	41,100	20.55	69,900	28,600	41,300	-200	-400	200	303713	Yes	
2/20/14	Hanna/Rumpke	34	Dirt Mound	0733	0838	007	007	70,500	29,500	41,000	20.50	70,400	29,200	41,200	-100	-300	200	303714	Yes	
2/20/14	Hanna/Rumpke	41	Dirt Mound	0733	0816	008	008	65,780	28,660	37,120	18.56	65,680	28,380	37,300	-100	-280	180	303708	Yes	
2/20/14	Hanna/Rumpke	82	Dirt Mound	0734	0843	009	009	65,840	28,700	37,140	18.57	65,800	28,800	37,000	-40	100	-140	303715	Yes	
2/20/14	Hanna/Rumpke	85	Dirt Mound	0832	0931	010	010	71,740	25,760	45,980	22.99	71,640	26,320	45,320	-100	560	-660	303722	Yes	
2/20/14	Hanna/Rumpke	35	Dirt Mound	0837	0909	011	011	64,060	28,520	35,540	17.77	64,000	28,540	35,460	-60	20	-80	303721	Yes	
2/20/14	Hanna/Rumpke	41	Dirt Mound	1115	1152	012	012	68,020	28,560	39,460	19.73	67,880	28,380	39,500	-140	-180	40	303747	Yes	
2/20/14	Hanna/Rumpke	46	Dirt Mound	1130	1205	013	013	67,220	28,120	39,100	19.55	67,100	28,020	39,080	-120	-100	-20	303748	Yes	
2/20/14	Hanna/Rumpke	32	Dirt Mound	1131	1210	014	014	66,000	28,700	37,300	18.65	65,900	28,600	37,300	-100	-100	0	303749	Yes	
2/20/14	Hanna/Rumpke	33	Dirt Mound	1135	1221	015	015	70,160	28,920	41,240	20.62	70,020	28,600	41,420	-140	-320	180	303752	Yes	
2/20/14	Hanna/Rumpke	34	Dirt Mound	1136	1235	016	016	72,980	29,460	43,520	21.76	72,880	29,200	43,680	-100	-260	160	303753	Yes	
2/20/14	Hanna/Rumpke	82	Dirt Mound	1144	1255	017	017	70,740	28,600	42,140	21.07	70,600	28,800	41,800	-140	200	-340	303756	Yes	
2/20/14	Hanna/Rumpke	35	Dirt Mound	1218	1312	018	018	66,920	29,540	37,380	18.69	66,820	28,540	38,280	-100	-1,000	900	303757	Yes	
2/20/14	Hanna/Rumpke	85	Lead	1220	1337	019	019	64,960	25,620	39,340	19.67	64,840	26,320	38,520	-120	700	-820	303761	Yes	321.06
2/21/14	Hanna/Rumpke	46	Lead	0638	0724	020	020	70,420	28,240	42,180	21.09	70,420	28,020	42,400	0	-220	220	303794	Yes	
2/21/14	Hanna/Rumpke	32	Lead	0639	0733	021	021	73,280	28,820	44,460	22.23	73,840	28,600	45,240	560	-220	780	303795	Yes	
2/21/14	Hanna/Rumpke	33	Lead	0640	0739	022	022	72,920	28,840	44,080	22.04	72,960	28,600	44,360	40	-240	280	303797	Yes	
2/21/14	Hanna/Rumpke	34	Lead	0641	0747	023	023	68,220	29,480	38,740	19.37	68,220	29,200	39,020	0	-280	280	303798	Yes	
2/21/14	Hanna/Rumpke	41	Lead	0641	0757	024	024	66,620	28,560	38,060	19.03	66,620	28,380	38,240	0	-180	180	303800	Yes	103.76
2/24/14	Hanna/Rumpke	46	Lead	0704	0742	025	025	69,640	28,280	41,360	20.68	69,940	28,020	41,920	300	-260	560	303881	Yes	
2/24/14	Hanna/Rumpke	32	Lead	0705	0815	026	026	71,700	28,880	42,820	21.41	71,940	28,600	43,340	240	-280	520	303889	Yes	
2/24/14	Hanna/Rumpke	33	Lead	0706	0757	027	027	72,360	28,920	43,440	21.72	72,680	28,600	44,080	320	-320	640	303883	Yes	
2/24/14	Hanna/Rumpke	27	Lead	0706	0807	028	028	73,400	28,380	45,020	22.51	73,900	28,220	45,680	500	-160	660	303887	Yes	
2/24/14	Hanna/Rumpke	34	Lead	0707	0813	029	029	72,400	29,560	42,840	21.42	72,700	29,200	43,500	300	-360	660	303888	Yes	
2/24/14	Hanna/Rumpke	41	Lead	0733	0830	030	030	66,260	28,620	37,640	18.82	66,520	28,380	38,140	260	-240	500	303894	Yes	
2/24/14	Hanna/Rumpke	82	Lead	0733	0837	031	031	65,200	28,600	36,600	18.30	65,460	28,800	36,660	260	200	60	303898	Yes	
2/24/14	Hanna/Rumpke	35	Lead	0734	0844	032	032	66,140	29,760	36,380	18.19	66,360	28,540	37,820	220	-1,220	1,440	303899	Yes	
2/24/14	Hanna/Rumpke	80	Lead	0735	0901	033	033	70,100	28,680	41,420	20.71	70,300	28,720	41,580	200	40	160	303904	Yes	
2/24/14	Hanna/Rumpke	85	Lead	0803	0909	034	034	69,080	29,340	39,740	19.87	69,280	26,320	42,960	200	-3,020	3,220	303905	Yes	
2/24/14	Hanna/Rumpke	46	Lead	1051	1127	035	035	69,260	28,120	41,140	20.57	69,300	28,020	41,280	40	-100	140	303924	Yes	
2/24/14	Hanna/Rumpke	33	Lead	1051	1130	036	036	72,940	28,920	44,020	22.01	73,200	28,600	44,600	260	-320	580	303925	Yes	
2/24/14	Hanna/Rumpke	27	Lead	1111	1142	037	037	70,180	28,420	41,760	20.88	70,220	28,220	42,000	40	-200	240	303926	Yes	
2/24/14	Hanna/Rumpke	34	Lead	1112	1149	038	038	72,200	29,420	42,780	21.39	72,220	29,200	43,020	20	-220	240	303927	Yes	
2/24/14	Hanna/Rumpke	32	Lead	1117	1155	039	039	73,220	28,780	44,440	22.22	73,400	28,600	44,800	180	-180	360	303928	Yes	
2/24/14	Hanna/Rumpke	41	Lead	1129	1204	040	040	72,500	28,480	44,020	22.01	72,480	28,380	44,100	-20	-100	80	303932	Yes	
2/24/14	Hanna/Rumpke	82	Lead	1143	1253	041	041	72,040	28,500	43,540	21.77	72,080	28,800	43,280	40	300	-260	303945	Yes	
2/24/14	Hanna/Rumpke	35	Lead	1144	1225	042	042	70,620	29,920	40,700	20.35	70,600	28,540	42,060	-20	-1,380	1,360	303937	Yes	
2/24/14	Hanna/Rumpke	80	Lead	1205	1241	043	043	66,420	28,580	37,840	18.92	66,440	28,720	37,720	20	140	-120	303943	Yes	
2/24/14	Hanna/Rumpke	85	Lead	1206	1245	044	044	70,980	25,920	45,060	22.53	70,940	26,320	44,620	-40	400	-440	303944	Yes	416.28
2/25/14	Hanna/Rumpke	46	Lead	0706	0746	045	045	66,160	28,200	37,960	18.98	66,260	28,020	38,240	100	-180	280	303987	Yes	
2/25/14	Hanna/Rumpke	32	Lead	0706	0750	046	046	68,100	28,820	39,280	19.64	68,200	28,600	39,600	100	-220	320	303988	Yes	
2/25/14	Hanna/Rumpke	27	Lead	0707	0832	047	047	69,620	28,360	41,260	20.63	69,720	28,220	41,500	100	-140	240	303996	Yes	
2/25/14	Hanna/Rumpke	33	Lead	0716	0828	048	048	72,880	28,840	44,040	22.02	72,960	28,600	44,360	80	-240	320	303994	Yes	
2/25/14	Hanna/Rumpke	34	Lead	0731	0927	049	049	71,300	29,500	41,800	20.90	71,440	29,200	42,240	140	-300	440	304010	Yes	
2/25/14	Hanna/Rumpke	41	Lead	0731	0847	050	050	72,180	28,560	43,620	21.81	72,300	28,380	43,920	120	-180	300	304003	Yes	

TABLE 3-2

SUMMARY OF NON-HAZARDOUS SOIL DISPOSED DURING INTERIM MEASURES REMOVAL ACTIONS AT  
UXO 7 - OLD RIFLE RANGE AND TRAP RANGES  
NSA CRANE  
CRANE, INDIANA  
PAGE 2 OF 7

Date	Trucking Company / Landfill	Truck Number	Excavation Area	Time In	Time Out	Waste Manifest Number	Crane Weight Ticket Number	Crane Gross Weight (lbs)	Crane Tare Weight (lbs)	Crane Net Weight (lbs) (1)	Crane Net Weight (tons)	Landfill Gross Weight (lbs)	Landfill Tare Weight (lbs)	Landfill Net Weight (lbs) (2)	Landfill-Crane Difference in Gross weights (lbs) (3)	Landfill-Crane Difference in Tare Weights (lbs) (4)	Landfill-Crane Difference in Net Weights (lbs) (5)	Landfill Scale Ticket Number	Signed Landfill Manifest Received	Daily Tons
2/25/14	Hanna/Rumpke	82	Lead	0732	0827	051	051	72,300	28,620	43,680	21.84	72,440	28,800	43,640	140	180	-40	303995	Yes	
2/25/14	Hanna/Rumpke	85	Lead	0801	0840	052	052	69,860	25,700	44,160	22.08	69,920	26,320	43,600	60	620	-560	304001	Yes	
2/25/14	Hanna/Rumpke	35	Lead	0802	0905	053	053	69,960	29,580	40,380	20.19	70,120	28,540	41,580	160	-1,040	1,200	304005	Yes	
2/25/14	Hanna/Rumpke	80	Lead	0804	0924	054	054	69,860	28,640	41,220	20.61	69,940	28,720	41,220	80	80	0	304013	Yes	
2/25/14	Hanna/Rumpke	18	Lead	0811	0934	055	055	69,900	28,360	41,540	20.77	69,900	28,900	41,000	0	540	-540	304014	Yes	
2/25/14	Hanna/Rumpke	33	Lead	1127	1202	056	056	69,980	28,720	41,260	20.63	69,940	28,600	41,340	-40	-120	80	304044	Yes	
2/25/14	Hanna/Rumpke	27	Lead	1128	1208	057	057	72,820	28,180	44,640	22.32	72,860	28,220	44,640	40	40	0	304046	Yes	
2/25/14	Hanna/Rumpke	46	Lead	1150	1224	058	058	69,740	28,060	41,680	20.84	69,780	28,020	41,760	40	-40	80	304052	Yes	
2/25/14	Hanna/Rumpke	32	Lead	1151	1228	059	059	73,060	28,620	44,440	22.22	73,100	28,600	44,500	40	-20	60	304053	Yes	
2/25/14	Hanna/Rumpke	34	Lead	1202	1304	060	060	71,500	29,340	42,160	21.08	71,560	29,200	42,360	60	-140	200	304059	Yes	<b>336.56</b>
2/28/14	Hanna/Rumpke	46	Lead	0708	0743	061	061	64,120	28,180	35,940	17.97	64,320	28,020	36,300	200	-160	360	304315	Yes	
2/28/14	Hanna/Rumpke	32	Lead	0708	0748	062	062	66,280	28,760	37,520	18.76	66,460	28,600	37,860	180	-160	340	304316	Yes	
2/28/14	Hanna/Rumpke	33	Lead	0709	0755	063	063	72,700	28,800	43,900	21.95	72,920	28,600	44,320	220	-200	420	304317	Yes	
2/28/14	Hanna/Rumpke	72	Lead	0731	0804	064	064	72,960	29,480	43,480	21.74	73,200	28,940	44,260	240	-540	780	304320	Yes	
2/28/14	Hanna/Rumpke	27	Lead	0731	0811	065	065	68,060	28,320	39,740	19.87	68,280	28,220	40,060	220	-100	320	304321	Yes	
2/28/14	Hanna/Rumpke	34	Lead	0732	0818	066	066	68,460	29,440	39,020	19.51	68,680	29,200	39,480	220	-240	460	304323	Yes	
2/28/14	Hanna/Rumpke	85	Lead	0806	0839	067	067	64,900	25,640	39,260	19.63	65,080	26,320	38,760	180	680	-500	304327	Yes	
2/28/14	Hanna/Rumpke	41	Lead	0826	0857	068	068	63,900	28,440	35,360	17.68	64,000	28,380	35,360	100	-60	0	304329	Yes	
2/28/14	Hanna/Rumpke	18	Lead	0834	0909	069	069	62,900	28,300	34,600	17.30	63,060	28,900	34,160	160	600	-440	304336	Yes	
2/28/14	Hanna/Rumpke	35	Lead	0851	0941	070	070	63,280	28,800	34,480	17.24	63,460	28,540	34,920	180	-260	440	304341	Yes	
2/28/14	Hanna/Rumpke	80	Lead	0852	0942	071	071	65,900	28,660	37,240	18.62	66,060	28,720	37,340	160	60	100	304342	Yes	
2/28/14	Hanna/Rumpke	82	Lead	0853	0924	072	072	65,900	28,500	37,400	18.70	66,100	28,800	37,300	200	300	-100	304339	Yes	
2/28/14	Hanna/Rumpke	46	Lead	1104	1142	073	073	66,720	27,980	38,740	19.37	66,880	28,020	38,860	160	40	120	304363	Yes	
2/28/14	Hanna/Rumpke	32	Lead	1105	1144	074	074	68,140	28,560	39,560	19.78	68,180	28,600	39,580	40	40	20	304364	Yes	
2/28/14	Hanna/Rumpke	33	Lead	1111	1149	075	075	72,240	29,140	43,100	21.55	72,340	28,600	43,740	100	-540	640	304365	Yes	
2/28/14	Hanna/Rumpke	72	Lead	1111	1154	076	076	68,080	30,000	38,080	19.04	68,140	28,940	39,200	60	-1,060	1,120	304367	Yes	
2/28/14	Hanna/Rumpke	27	Lead	1112	1201	077	077	66,500	28,100	38,400	19.20	66,560	28,220	38,340	60	120	-60	304369	Yes	
2/28/14	Hanna/Rumpke	34	Lead	1113	1206	078	078	69,460	29,240	40,220	20.11	69,520	29,200	40,320	60	-40	100	304371	Yes	
2/28/14	Hanna/Rumpke	41	Lead	1152	1222	079	079	68,580	28,360	40,220	20.11	68,640	28,380	40,260	60	20	40	304374	Yes	
2/28/14	Hanna/Rumpke	85	Lead	1155	1228	080	080	71,940	25,500	46,440	23.22	71,980	26,320	45,660	40	820	-780	304378	Yes	
2/28/14	Hanna/Rumpke	18	Lead	1213	1249	081	081	73,160	28,500	44,660	22.33	73,240	28,900	44,340	80	400	-320	304379	Yes	
2/28/14	Hanna/Rumpke	82	Lead	1246	1311	082	082	67,080	28,700	38,380	19.19	67,080	28,800	38,280	0	100	-100	304383	Yes	
2/28/14	Hanna/Rumpke	35	Lead	1245	1316	083	083	71,880	28,680	43,200	21.60	71,940	28,540	43,400	60	-140	200	304384	Yes	
2/28/14	Hanna/Rumpke	80	Lead	1246	1341	084	084	69,220	28,540	40,680	20.34	69,180	28,720	40,460	-40	180	-220	304392	Yes	<b>474.81</b>
3/4/14	Young/Rumpke	56	Lead	0757	0854	085	085	65,440	28,200	37,240	18.62	65,840	27,940	37,900	400	-260	660	304478	Yes	
3/4/14	Young/Rumpke	49	Lead	0757	0900	086	086	64,240	27,260	36,980	18.49	64,680	26,820	37,860	440	-440	880	304481	Yes	
3/4/14	Young/Rumpke	51	Lead	0758	0831	087	087	66,180	27,520	38,660	19.33	66,560	27,520	39,040	380	0	380	304479	Yes	
3/4/14	Young/Rumpke	24	Lead	0759	0845	088	088	63,480	26,720	36,760	18.38	63,520	26,720	36,800	40	0	40	304480	Yes	
3/4/14	Young/Rumpke	27	Lead	0825	0912	089	089	67,420	29,500	37,920	18.96	67,420	29,500	37,920	0	0	0	304483	Yes	
3/4/14	Young/Rumpke	26	Lead	0829	0958	090	090	65,500	29,140	36,360	18.18	65,500	29,420	36,080	0	280	-280	304493	Yes	
3/4/14	Young/Rumpke	54	Lead	0829	0941	091	091	65,640	26,820	38,820	19.41	65,600	26,820	38,780	-40	0	-40	304491	Yes	
3/4/14	Young/Rumpke	138	Lead	0842	0917	092	092	70,020	26,220	43,800	21.90	70,020	26,220	43,800	0	0	0	304482	Yes	
3/4/14	Young/Rumpke	53	Lead	0847	1003	093	093	71,900	27,060	44,840	22.42	71,920	26,380	45,540	20	-680	700	304489	Yes	
3/4/14	Young/Rumpke	52	Lead	0848	0956	094	094	68,400	26,500	41,900	20.95	68,460	27,320	41,140	60	820	-760	304494	Yes	
3/4/14	Young/Rumpke	51	Lead	1143	1224	095	095	70,260	27,040	43,220	21.61	70,100	27,520	42,580	-160	480	-640	304521	Yes	
3/4/14	Young/Rumpke	24	Lead	1143	1213	096	096	65,880	28,380	37,500	18.75	65,380	28,380	37,000	-500	0	-500	304515	Yes	
3/4/14	Young/Rumpke	56	Lead	1156	1223	097	097	71,060	28,100	42,960	21.48	70,940	27,940	43,000	-120	-160	40	304520	Yes	
3/4/14	Young/Rumpke	49	Lead	1158	1250	098	098	66,580	27,800	38,780	19.39	66,480	26,820	39,660	-100	-980	880	304527	Yes	
3/4/14	Young/Rumpke	138	Lead	1208	1256	099	099	70,620	26,660	43,960	21.98	70,260	26,220	44,040	-360	-440	80	304526	Yes	
3/4/14	Young/Rumpke	27	Lead	1221	1248	100	100	61,880	30,580	31,300	15.65	61,780	28,220	33,560	-100	-2,360	2,260	304528	Yes	

TABLE 3-2

SUMMARY OF NON-HAZARDOUS SOIL DISPOSED DURING INTERIM MEASURES REMOVAL ACTIONS AT  
 UXO 7 - OLD RIFLE RANGE AND TRAP RANGES  
 NSA CRANE  
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Date	Trucking Company / Landfill	Truck Number	Excavation Area	Time In	Time Out	Waste Manifest Number	Crane Weight Ticket Number	Crane Gross Weight (lbs)	Crane Tare Weight (lbs)	Crane Net Weight (lbs) (1)	Crane Net Weight (tons)	Landfill Gross Weight (lbs)	Landfill Tare Weight (lbs)	Landfill Net Weight (lbs) (2)	Landfill-Crane Difference in Gross weights (lbs) (3)	Landfill-Crane Difference in Tare Weights (lbs) (4)	Landfill-Crane Difference in Net Weights (lbs) (5)	Landfill Scale Ticket Number	Signed Landfill Manifest Received	Daily Tons
3/4/14	Young/Rumpke	54	Lead	1249	1318	101	101	65,960	26,820	39,140	19.57	65,820	26,820	39,000	-140	0	-140	304533	Yes	
3/4/14	Young/Rumpke	26	Lead	1258	1344	102	102	61,340	29,660	31,680	15.84	61,320	29,420	31,900	-20	-240	220	304537	Yes	
3/4/14	Young/Rumpke	53	Lead	1302	1336	103	103	69,780	26,720	43,060	21.53	69,680	26,380	43,300	-100	-340	240	304534	Yes	
3/4/14	Young/Rumpke	52	Lead	1304	1406	104	104	70,960	27,140	43,820	21.91	70,840	27,320	43,520	-120	180	-300	304542	Yes	394.35
3/5/14	Young/Rumpke	24	ETR	0744	0827	105	105	63,580	26,400	37,180	18.59	63,880	28,380	35,500	300	1,980	-1,680	304579	Yes	
3/5/14	Young/Rumpke	51	ETR	0745	0816	106	106	64,360	27,120	37,240	18.62	64,560	27,520	37,040	200	400	-200	304578	Yes	
3/5/14	Young/Rumpke	56	ETR	0747	0846	107	107	67,500	27,960	39,540	19.77	67,640	27,940	39,700	140	-20	160	304586	Yes	
3/5/14	Young/Rumpke	138	ETR	0803	0838	108	108	70,520	26,300	44,220	22.11	70,700	26,220	44,480	180	-80	260	304584	Yes	
3/5/14	Young/Rumpke	11	ETR	0805	0851	109	109	54,120	27,260	26,860	13.43	53,840	27,300	26,540	-280	40	-320	304587	Yes	
3/5/14	Young/Rumpke	27	ETR	0805	0904	110	110	61,560	29,380	32,180	16.09	61,700	29,140	32,560	140	-240	380	304589	Yes	
3/5/14	Young/Rumpke	54	ETR	0806	0916	111	111	55,520	27,000	28,520	14.26	55,580	26,820	28,760	60	-180	240	304591	Yes	
3/5/14	Young/Rumpke	53	ETR	0901	0926	112	112	59,540	26,700	32,840	16.42	59,640	26,380	33,260	100	-320	420	304594	Yes	
3/5/14	Young/Rumpke	45	ETR	0905	0935	113	113	55,740	28,800	26,940	13.47	55,860	28,740	27,120	120	-60	180	304595	Yes	
3/5/14	Young/Rumpke	26	ETR	0913	0940	114	114	53,940	29,000	24,940	12.47	54,000	29,420	24,580	60	420	-360	304596	Yes	
3/5/14	Young/Rumpke	24	ETR	1112	1144	115	115	66,040	26,460	39,580	19.79	66,080	28,380	37,700	40	1,920	-1,880	304619	Yes	
3/5/14	Young/Rumpke	51	ETR	1112	1139	116	116	69,860	27,080	42,780	21.39	69,980	27,520	42,460	120	440	-320	304621	Yes	
3/5/14	Young/Rumpke	138	ETR	1124	1153	117	117	66,180	26,260	39,920	19.96	66,200	26,220	39,980	20	-40	60	304622	Yes	
3/5/14	Young/Rumpke	56	ETR	1141	1203	118	118	60,640	27,860	32,780	16.39	60,640	27,940	32,700	0	80	-80	304626	Yes	
3/5/14	Young/Rumpke	11	ETR	1142	1211	119	119	60,900	27,120	33,780	16.89	60,900	27,300	33,600	0	180	-180	304627	Yes	
3/5/14	Young/Rumpke	27	ETR	1150	1218	120	120	58,100	29,300	28,800	14.40	58,040	29,140	28,900	-60	-160	100	304628	Yes	
3/5/14	Young/Rumpke	54	ETR	1202	1229	121	121	65,400	26,520	38,880	19.44	65,480	26,820	38,660	80	300	-220	304631	Yes	
3/5/14	Young/Rumpke	53	ETR	1220	1255	122	122	63,060	26,640	36,420	18.21	63,040	26,380	36,660	-20	-260	240	304633	Yes	
3/5/14	Young/Rumpke	45	ETR	1223	1305	123	123	62,660	28,720	33,940	16.97	62,640	28,740	33,900	-20	20	-40	304634	Yes	
3/5/14	Young/Rumpke	26	ETR	1224	1312	124	124	53,620	28,960	24,660	12.33	53,680	29,420	24,260	60	460	-400	304635	Yes	341.00
3/12/14	Young/Rumpke	18	ETR	1034	1056	125	125	67,240	28,980	38,260	19.13	67,100	28,940	38,160	-140	-40	-100	305051	Yes	
3/12/14	Young/Rumpke	44	ETR	1109	1128	126	126	61,480	27,660	33,820	16.91	61,500	28,120	33,380	20	460	-440	305053	Yes	
3/12/14	Young/Rumpke	11	ETR	1110	1157	127	127	66,400	27,040	39,360	19.68	66,280	27,300	38,980	-120	260	-380	305061	Yes	
3/12/14	Young/Rumpke	19	ETR	1129	1209	128	128	60,480	26,860	33,620	16.81	60,380	25,940	34,440	-100	-920	820	305065	Yes	
3/12/14	Young/Rumpke	52	ETR	1229	1256	129	129	67,860	26,400	41,460	20.73	67,760	27,320	40,440	-100	920	-1,020	305071	Yes	93.26
3/13/14	Young/Rumpke	49	ETR	0919	0940	130	130	62,140	27,140	35,000	17.50	61,820	26,820	35,000	-320	-320	0	305129	Yes	
3/13/14	Young/Rumpke	56	ETR	0922	0955	131	131	70,140	28,020	42,120	21.06	70,140	27,940	42,200	0	-80	80	305132	Yes	
3/13/14	Young/Rumpke	42	ETR	0922	0958	132	132	58,520	27,060	31,460	15.73	58,520	26,840	31,680	0	-220	220	305133	Yes	
3/13/14	Young/Rumpke	17	ETR	1032	1054	133	133	59,280	29,660	29,620	14.81	59,280	28,900	30,380	0	-760	760	305141	Yes	
3/13/14	Young/Rumpke	50	ETR	1035	1058	134	134	60,680	26,600	34,080	17.04	60,680	25,800	34,880	0	-800	800	305140	Yes	
3/13/14	Young/Rumpke	19	ETR	1201	1244	135	135	62,720	26,340	36,380	18.19	62,720	25,940	36,780	0	-400	400	305153	Yes	
3/13/14	Young/Rumpke	49	ETR	1231	1251	136	136	62,920	26,860	36,060	18.03	62,920	26,820	36,100	0	-40	40	305154	Yes	
3/13/14	Young/Rumpke	42	ETR	1244	1301	137	137	67,480	26,800	40,680	20.34	67,480	26,840	40,640	0	40	-40	305158	Yes	
3/13/14	Young/Rumpke	56	ETR	1252	1314	138	138	73,280	27,760	45,520	22.76	73,280	27,940	45,340	0	180	-180	305160	Yes	165.46
3/14/14	Young/Rumpke	18	WTR	0624	0821	139	139	67,260	29,100	38,160	19.08	67,080	28,940	38,140	-180	-160	-20	305201	Yes	
3/14/14	Young/Rumpke	42	WTR	0636	0813	140	140	58,700	26,900	31,800	15.90	58,500	26,840	31,660	-200	-60	-140	305196	Yes	
3/14/14	Young/Rumpke	54	ETR	0644	0809	141	141	67,780	26,520	41,260	20.63	67,600	26,820	40,780	-180	300	-480	305197	Yes	
3/14/14	Young/Rumpke	50	ETR	0647	0736	142	142	59,220	26,240	32,980	16.49	59,040	25,800	33,240	-180	-440	260	305190	Yes	
3/14/14	Young/Rumpke	52	ETR	0648	0743	143	143	66,160	26,360	39,800	19.90	65,960	27,320	38,640	-200	960	-1,160	305191	Yes	
3/14/14	Young/Rumpke	45	ETR	0648	0748	144	144	67,680	28,600	39,080	19.54	67,500	28,740	38,760	-180	140	-320	305192	Yes	
3/14/14	Young/Rumpke	55	ETR	0649	0808	145	145	56,900	27,840	29,060	14.53	56,680	27,640	29,040	-220	-200	-20	305198	Yes	
3/14/14	Young/Rumpke	49	WTR	0649	0830	146	146	59,820	27,040	32,780	16.39	59,600	26,820	32,780	-220	-220	0	305203	Yes	
3/14/14	Young/Rumpke	17	WTR	0650	0831	147	147	56,920	29,560	27,360	13.68	56,720	28,900	27,820	-200	-660	460	305204	Yes	
3/14/14	Young/Rumpke	11	WTR	0653	0836	148	148	58,200	27,120	31,080	15.54	58,180	27,300	30,880	-20	180	-200	305205	Yes	
3/14/14	Young/Rumpke	19	WTR	0654	0841	149	149	54,600	26,260	28,340	14.17	54,400	25,940	28,460	-200	-320	120	305206	Yes	
3/14/14	Young/Rumpke	56	WTR	0708	0708	150	150	61,160	27,980	33,180	16.59	60,960	27,940	33,020	-200	-40	-160	305207	Yes	

TABLE 3-2

SUMMARY OF NON-HAZARDOUS SOIL DISPOSED DURING INTERIM MEASURES REMOVAL ACTIONS AT  
 UXO 7 - OLD RIFLE RANGE AND TRAP RANGES  
 NSA CRANE  
 CRANE, INDIANA  
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Date	Trucking Company / Landfill	Truck Number	Excavation Area	Time In	Time Out	Waste Manifest Number	Crane Weight Ticket Number	Crane Gross Weight (lbs)	Crane Tare Weight (lbs)	Crane Net Weight (lbs) (1)	Crane Net Weight (tons)	Landfill Gross Weight (lbs)	Landfill Tare Weight (lbs)	Landfill Net Weight (lbs) (2)	Landfill-Crane Difference in Gross weights (lbs) (3)	Landfill-Crane Difference in Tare Weights (lbs) (4)	Landfill-Crane Difference in Net Weights (lbs) (5)	Landfill Scale Ticket Number	Signed Landfill Manifest Received	Daily Tons
3/14/14	Young/Rumpke	50	WTR	1028	1057	151	151	61,140	26,020	35,120	17.56	60,960	25,800	35,160	-180	-220	40	305226	Yes	
3/14/14	Young/Rumpke	45	WTR	1029	1106	152	152	65,600	28,380	37,220	18.61	65,320	28,740	36,580	-280	360	-640	305228	Yes	
3/14/14	Young/Rumpke	52	WTR	1035	1113	153	153	63,760	26,120	37,640	18.82	63,560	27,320	36,240	-200	1,200	-1,400	305233	Yes	
3/14/14	Young/Rumpke	42	WTR	1050	1122	154	154	55,120	26,680	28,440	14.22	54,940	26,840	28,100	-180	160	-340	305234	Yes	
3/14/14	Young/Rumpke	55	WTR	1101	1141	155	155	59,580	28,460	31,120	15.56	59,400	27,640	31,760	-180	-820	640	305237	Yes	
3/14/14	Young/Rumpke	54	WTR	1102	1135	156	156	64,200	26,620	37,580	18.79	63,860	26,820	37,040	-340	200	-540	305236	Yes	
3/14/14	Young/Rumpke	18	WTR	1104	1147	157	157	63,300	28,860	34,440	17.22	63,100	28,940	34,160	-200	80	-280	305239	Yes	
3/14/14	Young/Rumpke	11	WTR	1114	1153	158	158	58,980	26,960	32,020	16.01	56,700	27,300	29,400	-2,280	340	-2,620	305240	Yes	
3/14/14	Young/Rumpke	49	WTR	1118	1206	159	159	57,980	26,800	31,180	15.59	57,760	26,820	30,940	-220	20	-240	305244	Yes	
3/14/14	Young/Rumpke	17	WTR	1120	1207	160	160	62,520	29,300	33,220	16.61	62,340	28,900	33,440	-180	-400	220	305245	Yes	
3/14/14	Young/Rumpke	19	WTR	1124	1213	161	161	59,120	26,080	33,040	16.52	58,900	25,940	32,960	-220	-140	-80	305246	Yes	
3/14/14	Young/Rumpke	56	WTR	1145	1221	162	162	63,880	27,800	36,080	18.04	63,600	27,940	35,660	-280	140	-420	305248	Yes	405.99
3/17/14	Young/Rumpke	42	WTR	0658	0717	163	163	56,220	26,820	29,400	14.70	56,120	26,840	29,280	-100	20	-120	305301	Yes	
3/17/14	Young/Rumpke	48	WTR	0658	0723	164	164	59,200	27,980	31,220	15.61	59,140	27,660	31,480	-60	-320	260	305304	Yes	
3/17/14	Young/Rumpke	22	WTR	0701	0729	165	165	63,420	27,800	35,620	17.81	63,380	27,740	35,640	-40	-60	20	305305	Yes	
3/17/14	Young/Rumpke	18	WTR	0715	0734	166	166	61,080	29,060	32,020	16.01	61,040	28,940	32,100	-40	-120	80	305306	Yes	
3/17/14	Young/Rumpke	49	WTR	0731	0751	167	167	60,300	26,940	33,360	16.68	60,220	26,820	33,400	-80	-120	40	305309	Yes	
3/17/14	Young/Rumpke	56	WTR	0736	0800	168	168	66,340	27,880	38,460	19.23	66,280	27,940	38,340	-60	60	-120	305311	Yes	
3/17/14	Young/Rumpke	19	WTR	0738	0803	169	169	57,200	26,360	30,840	15.42	57,140	25,940	31,200	-60	-420	360	305312	Yes	
3/17/14	Young/Rumpke	50	WTR	0741	0808	170	170	58,620	26,180	32,440	16.22	58,520	25,800	32,720	-100	-380	280	305313	Yes	
3/17/14	Young/Rumpke	11	WTR	0741	0814	171	171	60,860	27,060	33,800	16.90	60,860	27,300	33,560	0	240	-240	305314	Yes	
3/17/14	Young/Rumpke	54	WTR	0743	0824	172	172	66,420	26,580	39,840	19.92	66,300	26,820	39,480	-120	240	-360	305316	Yes	
3/17/14	Young/Rumpke	52	WTR	0752	0832	173	173	68,480	26,960	41,520	20.76	68,380	27,320	41,060	-100	360	-460	305319	Yes	
3/17/14	Young/Rumpke	55	WTR	0753	0841	174	174	67,320	27,740	39,580	19.79	67,220	27,640	39,580	-100	-100	0	305320	Yes	
3/17/14	Young/Rumpke	48	WTR	0959	1018	175	175	60,740	27,820	32,920	16.46	60,700	27,660	33,040	-40	-160	120	305344	Yes	
3/17/14	Young/Rumpke	42	WTR	1002	1023	176	176	57,860	26,780	31,080	15.54	57,760	26,840	30,920	-100	60	-160	305328	Yes	
3/17/14	Young/Rumpke	22	WTR	1010	1031	177	177	65,500	27,760	37,740	18.87	65,420	27,740	37,680	-80	-20	-60	305329	Yes	
3/17/14	Young/Rumpke	18	WTR	1014	1038	178	178	66,120	29,240	36,880	18.44	66,020	28,940	37,080	-100	-300	200	305330	Yes	
3/17/14	Young/Rumpke	49	WTR	1034	1057	179	179	61,620	27,480	34,140	17.07	61,500	26,820	34,680	-120	-660	540	305335	Yes	
3/17/14	Young/Rumpke	56	WTR	1055	1115	180	180	65,320	27,780	37,540	18.77	65,240	27,940	37,300	-80	160	-240	305337	Yes	
3/17/14	Young/Rumpke	11	WTR	1056	1120	181	181	60,420	26,940	33,480	16.74	60,340	27,300	33,040	-80	360	-440	305338	Yes	
3/17/14	Young/Rumpke	19	WTR	1101	1127	182	182	61,820	26,500	35,320	17.66	61,720	25,940	35,780	-100	-560	460	305339	Yes	
3/17/14	Young/Rumpke	50	WTR	1102	1132	183	183	60,100	26,080	34,020	17.01	60,000	25,800	34,200	-100	-280	180	305340	Yes	
3/17/14	Young/Rumpke	54	WTR	1121	1149	184	184	61,700	26,380	35,320	17.66	61,580	26,820	34,760	-120	440	-560	305342	Yes	
3/17/14	Young/Rumpke	52	WTR	1122	1153	185	185	68,780	26,040	42,740	21.37	68,700	27,320	41,380	-80	1,280	-1,360	305346	Yes	
3/17/14	Young/Rumpke	55	WTR	1125	1201	186	186	68,340	27,600	40,740	20.37	68,200	27,640	40,560	-140	40	-180	305350	Yes	425.01
3/18/14	Young/Rumpke	48	Lead	0602	0619	187	187	63,240	27,920	35,320	17.66	63,140	27,660	35,480	-100	-260	160	305382	Yes	
3/18/14	Young/Rumpke	56	Lead	0606	0627	188	188	68,980	27,880	41,100	20.55	68,860	27,940	40,920	-120	60	-180	305385	Yes	
3/18/14	Young/Rumpke	19	Lead	0612	0631	189	189	65,060	26,260	38,800	19.40	64,960	25,940	39,020	-100	-320	220	305384	Yes	
3/18/14	Young/Rumpke	22	Lead	0617	0638	190	190	71,440	27,880	43,560	21.78	71,360	27,740	43,620	-80	-140	60	305386	Yes	
3/18/14	Young/Rumpke	49	Lead	0628	0645	191	191	66,480	26,980	39,500	19.75	66,400	26,820	39,580	-80	-160	80	305388	Yes	
3/18/14	Young/Rumpke	55	Lead	0630	0652	192	192	69,120	27,860	41,260	20.63	69,040	27,640	41,400	-80	-220	140	305391	Yes	
3/18/14	Young/Rumpke	54	Lead	0643	0719	193	193	72,040	26,460	45,580	22.79	71,940	26,820	45,120	-100	360	-460	305396	Yes	
3/18/14	Young/Rumpke	11	Lead	0654	0715	194	194	65,360	26,980	38,380	19.19	65,240	27,300	37,940	-120	320	-440	305395	Yes	
3/18/14	Young/Rumpke	42	Lead	0706	0725	195	195	61,640	26,800	34,840	17.42	61,520	26,840	34,680	-120	40	-160	305398	Yes	
3/18/14	Young/Rumpke	33	Lead	0708	62200	196	196	62,200	26,820	35,380	17.69	62,120	26,700	35,420	-80	-120	40	305405	Yes	
3/18/14	Young/Rumpke	45	Lead	0709	0737	197	197	71,260	28,940	42,320	21.16	71,180	28,740	42,440	-80	-200	120	305402	Yes	
3/18/14	Young/Rumpke	18	Lead	0710	0742	198	198	68,000	29,060	38,940	19.47	68,580	28,940	39,640	580	-120	700	305404	Yes	
3/18/14	Young/Rumpke	48	Lead	0848	0905	199	199	63,860	27,900	35,960	17.98	63,740	27,660	36,080	-120	-240	120	305412	Yes	
3/18/14	Young/Rumpke	19	Lead	0858	0914	200	200	64,700	26,140	38,560	19.28	64,620	25,940	38,680	-80	-200	120	305413	Yes	

TABLE 3-2

SUMMARY OF NON-HAZARDOUS SOIL DISPOSED DURING INTERIM MEASURES REMOVAL ACTIONS AT  
 UXO 7 - OLD RIFLE RANGE AND TRAP RANGES  
 NSA CRANE  
 CRANE, INDIANA  
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Date	Trucking Company / Landfill	Truck Number	Excavation Area	Time In	Time Out	Waste Manifest Number	Crane Weight Ticket Number	Crane Gross Weight (lbs)	Crane Tare Weight (lbs)	Crane Net Weight (lbs) (1)	Crane Net Weight (tons)	Landfill Gross Weight (lbs)	Landfill Tare Weight (lbs)	Landfill Net Weight (lbs) (2)	Landfill-Crane Difference in Gross weights (lbs) (3)	Landfill-Crane Difference in Tare Weights (lbs) (4)	Landfill-Crane Difference in Net Weights (lbs) (5)	Landfill Scale Ticket Number	Signed Landfill Manifest Received	Daily Tons
3/18/14	Young/Rumpke	56	Lead	0911	0929	201	201	71,720	27,760	43,960	21.98	71,580	27,940	43,640	-140	180	-320	305417	Yes	
3/18/14	Young/Rumpke	22	Lead	0919	0937	202	202	69,300	27,740	41,560	20.78	69,160	27,740	41,420	-140	0	-140	305418	Yes	
3/18/14	Young/Rumpke	49	Lead	0925	0943	203	203	64,880	26,800	38,080	19.04	64,720	26,820	37,900	-160	20	-180	305419	Yes	
3/18/14	Young/Rumpke	55	Lead	0940	1003	204	204	65,120	28,060	37,060	18.53	65,060	27,640	37,420	-60	-420	360	305424	Yes	
3/18/14	Young/Rumpke	11	Lead	0952	1012	205	205	64,740	26,900	37,840	18.92	64,620	27,300	37,320	-120	400	-520	305426	Yes	
3/18/14	Young/Rumpke	54	Lead	1000	1024	206	206	70,740	26,300	44,440	22.22	70,600	26,820	43,780	-140	520	-660	305432	Yes	
3/18/14	Young/Rumpke	42	Lead	1008	1030	207	207	62,600	26,640	35,960	17.98	62,460	26,840	35,620	-140	200	-340	305433	Yes	
3/18/14	Young/Rumpke	33	Lead	1017	1040	208	208	62,540	26,680	35,860	17.93	62,400	26,700	35,700	-140	20	-160	305436	Yes	
3/18/14	Young/Rumpke	45	Lead	1018	1042	209	209	69,020	28,760	40,260	20.13	68,860	28,740	40,120	-160	-20	-140	305438	Yes	
3/18/14	Young/Rumpke	18	Lead	1028	1047	210	210	66,700	28,800	37,900	18.95	66,500	28,940	37,560	-200	140	-340	305441	Yes	
3/18/14	Young/Rumpke	48	Lead	1132	1147	211	211	62,340	27,600	34,740	17.37	62,180	27,660	34,520	-160	60	-220	305446	Yes	
3/18/14	Young/Rumpke	19	Lead	1158	1216	212	212	60,920	25,920	35,000	17.50	60,760	25,940	34,820	-160	20	-180	305449	Yes	
3/18/14	Young/Rumpke	22	Lead	1214	1234	213	213	68,320	27,540	40,780	20.39	68,140	27,740	40,400	-180	200	-380	305453	Yes	
3/18/14	Young/Rumpke	49	Lead	1223	1244	214	214	62,460	26,620	35,840	17.92	62,300	26,820	35,480	-160	200	-360	305455	Yes	
3/18/14	Young/Rumpke	56	Lead	1224	1248	215	215	65,520	27,580	37,940	18.97	65,360	27,940	37,420	-160	360	-520	305457	Yes	563.36
3/19/14	Young/Rumpke	42	Lead	0554	0613	216	216	63,220	26,800	36,420	18.21	63,080	26,840	36,240	-140	40	-180	305485	Yes	
3/19/14	Young/Rumpke	56	Lead	0556	0622	217	217	71,520	27,920	43,600	21.80	71,360	27,940	43,420	-160	20	-180	305488	Yes	
3/19/14	Young/Rumpke	18	Lead	0602	0628	218	218	64,400	29,020	35,380	17.69	64,240	28,940	35,300	-160	-80	-80	305487	Yes	
3/19/14	Young/Rumpke	19	Lead	0615	0636	219	219	63,820	26,220	37,600	18.80	63,680	25,940	37,740	-140	-280	140	305489	Yes	
3/19/14	Young/Rumpke	33	Lead	0625	0645	220	220	63,180	26,860	36,320	18.16	63,020	26,700	36,320	-160	-160	0	305491	Yes	
3/19/14	Young/Rumpke	54	Lead	0627	0653	221	221	67,520	26,480	41,040	20.52	67,360	26,820	40,540	-160	340	-500	305492	Yes	
3/19/14	Young/Rumpke	22	Lead	0629	0701	222	222	68,100	28,040	40,060	20.03	67,980	27,740	40,240	-120	-300	180	305494	Yes	
3/19/14	Young/Rumpke	49	Lead	0634	0709	223	223	66,560	26,960	39,600	19.80	66,460	26,820	39,640	-100	-140	40	305497	Yes	
3/19/14	Young/Rumpke	42	Lead	0857	0912	224	224	58,020	26,640	31,380	15.69	57,840	26,840	31,000	-180	200	-380	305515	Yes	
3/19/14	Young/Rumpke	18	Lead	0903	0920	225	225	62,920	28,880	34,040	17.02	62,800	28,940	33,860	-120	60	-180	305517	Yes	
3/19/14	Young/Rumpke	56	Lead	0911	0929	226	226	66,940	27,720	39,220	19.61	66,840	27,940	38,900	-100	220	-320	305519	Yes	
3/19/14	Young/Rumpke	19	Lead	0918	0937	227	227	62,100	26,060	36,040	18.02	61,960	25,940	36,020	-140	-120	-20	305521	Yes	
3/19/14	Young/Rumpke	45	Lead	0927	0948	228	228	67,360	28,840	38,520	19.26	67,160	28,740	38,420	-200	-100	-100	305522	Yes	
3/19/14	Young/Rumpke	33	Lead	0936	0955	229	229	60,740	26,720	34,020	17.01	60,620	26,700	33,920	-120	-20	-100	305525	Yes	
3/19/14	Young/Rumpke	54	Lead	0938	1002	230	230	70,360	26,320	44,040	22.02	70,240	26,820	43,420	-120	500	-620	305526	Yes	
3/19/14	Young/Rumpke	22	Lead	0941	1009	231	231	63,300	27,720	35,580	17.79	63,160	27,740	35,420	-140	20	-160	305528	Yes	
3/19/14	Young/Rumpke	49	Lead	0953	1015	232	232	63,920	26,780	37,140	18.57	63,720	26,820	36,900	-200	40	-240	305529	Yes	
3/19/14	Young/Rumpke	42	Lead	1209	1229	233	233	58,360	26,480	31,880	15.94	58,280	26,840	31,440	-80	360	-440	305544	Yes	
3/19/14	Young/Rumpke	18	Lead	1210	1236	234	234	65,640	28,700	36,940	18.47	65,520	28,940	36,580	-120	240	-360	305546	Yes	
3/19/14	Young/Rumpke	19	Lead	1224	1244	235	235	57,340	25,900	31,440	15.72	57,140	25,940	31,200	-200	40	-240	305547	Yes	
3/19/14	Young/Rumpke	56	Lead	1226	1250	236	236	66,920	27,620	39,300	19.65	66,760	27,940	38,820	-160	320	-480	305548	Yes	
3/19/14	Young/Rumpke	45	Lead	1239	1301	237	237	62,240	28,620	33,620	16.81	62,080	28,740	33,340	-160	120	-280	305553	Yes	406.59
3/20/14	Young/Rumpke	56	Lead	0540	0601	238	238	70,020	27,900	42,120	21.06	69,920	27,940	41,980	-100	40	-140	305576	Yes	
3/20/14	Young/Rumpke	45	Lead	0540	0607	239	239	65,380	28,820	36,560	18.28	65,300	28,740	36,560	-80	-80	0	305577	Yes	
3/20/14	Young/Rumpke	50	Lead	0541	0612	240	240	60,620	26,040	34,580	17.29	60,500	25,800	34,700	-120	-240	120	305578	Yes	
3/20/14	Young/Rumpke	18	Lead	0542	0618	241	241	67,920	28,940	38,980	19.49	67,820	28,940	38,880	-100	0	-100	305580	Yes	
3/20/14	Young/Rumpke	33	Lead	0550	0625	242	242	59,160	26,920	32,240	16.12	59,060	26,700	32,360	-100	-220	120	305581	Yes	
3/20/14	Young/Rumpke	11	Lead	0551	0631	243	243	63,160	27,020	36,140	18.07	63,080	27,300	35,780	-80	280	-360	305582	Yes	
3/20/14	Young/Rumpke	54	Lead	0553	0638	244	244	67,280	26,480	40,800	20.40	67,140	26,820	40,320	-140	340	-480	305584	Yes	
3/20/14	Young/Rumpke	19	Lead	0554	0642	245	245	62,000	26,160	35,840	17.92	61,900	25,940	35,960	-100	-220	120	305583	Yes	



TABLE 3-2

SUMMARY OF NON-HAZARDOUS SOIL DISPOSED DURING INTERIM MEASURES REMOVAL ACTIONS AT  
 UXO 7 - OLD RIFLE RANGE AND TRAP RANGES  
 NSA CRANE  
 CRANE, INDIANA  
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Date	Trucking Company / Landfill	Truck Number	Excavation Area	Time In	Time Out	Waste Manifest Number	Crane Weight Ticket Number	Crane Gross Weight (lbs)	Crane Tare Weight (lbs)	Crane Net Weight (lbs) (1)	Crane Net Weight (tons)	Landfill Gross Weight (lbs)	Landfill Tare Weight (lbs)	Landfill Net Weight (lbs) (2)	Landfill-Crane Difference in Gross weights (lbs) (3)	Landfill-Crane Difference in Tare Weights (lbs) (4)	Landfill-Crane Difference in Net Weights (lbs) (5)	Landfill Scale Ticket Number	Signed Landfill Manifest Received	Daily Tons
4/15/14	Young/Rumpke	19	Lead	0654	0730	296	296	58,300	26,260	32,040	16.02	58,160	25,940	32,220	-140	-320	180	307126	Yes	
4/15/14	Young/Rumpke	56	Lead	0700	0738	297	297	62,880	27,900	34,980	17.49	62,740	27,940	34,800	-140	40	-180	307127	Yes	
4/15/14	Young/Rumpke	138	Lead	0701	0744	298	298	57,680	25,900	31,780	15.89	57,520	26,220	31,300	-160	320	-480	307125	Yes	
4/15/14	Young/Rumpke	49	Lead	0709	0753	299	299	58,940	26,980	31,960	15.98	58,780	26,820	31,960	-160	-160	0	307120	Yes	
4/15/14	Young/Rumpke	50	Lead	0723	0809	300	300	59,320	26,140	33,180	16.59	59,200	25,800	33,400	-120	-340	220	307124	Yes	
4/15/14	Young/Rumpke	11	Lead	0723	0755	301	301	56,600	27,040	29,560	14.78	56,460	27,300	29,160	-140	260	-400	307121	Yes	
4/15/14	Young/Rumpke	33	Lead	0724	0803	302	302	57,340	26,960	30,380	15.19	57,260	26,700	30,560	-80	-260	180	307116	Yes	
4/15/14	Young/Rumpke	18	Lead	0737	0817	303	303	59,400	28,920	30,480	15.24	59,260	28,940	30,320	-140	20	-160	307130	Yes	
4/15/14	Young/Rumpke	19	Lead	1006	1025	304	304	56,180	26,100	30,080	15.04	56,000	25,940	30,060	-180	-160	-20	307146	Yes	
4/15/14	Young/Rumpke	138	Lead	1033	1055	305	305	61,380	25,740	35,640	17.82	61,200	26,220	34,980	-180	480	-660	307148	Yes	
4/15/14	Young/Rumpke	49	Lead	1036	1106	306	306	67,000	26,840	40,160	20.08	66,860	26,820	40,040	-140	-20	-120	307151	Yes	
4/15/14	Young/Rumpke	11	Lead	1037	1108	307	307	66,660	26,940	39,720	19.86	66,480	27,300	39,180	-180	360	-540	307153	Yes	
4/15/14	Young/Rumpke	56	Lead	1043	1114	308	308	64,980	27,720	37,260	18.63	64,820	27,940	36,880	-160	220	-380	307159	Yes	
4/15/14	Young/Rumpke	33	Lead	1051	1122	309	309	61,300	26,840	34,460	17.23	61,100	26,700	34,400	-200	-140	-60	307162	Yes	
4/15/14	Young/Rumpke	50	Lead	1052	1126	310	310	65,400	26,060	39,340	19.67	65,180	25,800	39,380	-220	-260	40	307161	Yes	
4/15/14	Young/Rumpke	18	Lead	1114	1147	311	311	67,240	28,780	38,460	19.23	67,080	28,940	38,140	-160	160	-320	307165	Yes	
4/15/14	Young/Rumpke	19	Lead	1325	1350	312	312	65,540	26,080	39,460	19.73	65,400	25,940	39,460	-140	-140	0	307190	Yes	294.47
4/16/14	Young/Rumpke	138	Lead	0648	0730	313	313	61,760	25,880	35,880	17.94	61,660	26,220	35,440	-100	340	-440	307227	Yes	
4/16/14	Young/Rumpke	50	Lead	650	0734	314	314	62,820	26,300	36,520	18.26	62,700	25,800	36,900	-120	-500	380	307228	Yes	
4/16/14	Young/Rumpke	56	Lead	0651	0743	315	315	68,600	27,980	40,620	20.31	68,500	27,940	40,560	-100	-40	-60	307232	Yes	
4/16/14	Young/Rumpke	19	Lead	0656	0746	316	316	60,160	26,300	33,860	16.93	60,060	25,940	34,120	-100	-360	260	307229	Yes	
4/16/14	Young/Rumpke	49	Lead	0718	0754	317	317	63,660	27,000	36,660	18.33	63,540	26,820	36,720	-120	-180	60	307234	Yes	
4/16/14	Young/Rumpke	18	Lead	0725	0757	318	318	64,200	28,920	35,280	17.64	64,100	28,940	35,160	-100	20	-120	307235	Yes	
4/16/14	Young/Rumpke	34	Lead	0732	0806	319	319	58,460	26,780	31,680	15.84	58,360	26,640	31,720	-100	-140	40	307236	Yes	
4/16/14	Young/Rumpke	11	Lead	0738	0807	320	320	62,860	27,200	35,660	17.83	62,720	27,300	35,420	-140	100	-240	307237	Yes	
4/16/14	Young/Rumpke	138	Lead	1024	1058	321	321	66,940	25,700	41,240	20.62	66,760	26,220	40,540	-180	520	-700	307264	Yes	
4/16/14	Young/Rumpke	50	Lead	1024	1101	322	322	64,380	26,240	38,140	19.07	64,200	25,800	38,400	-180	-440	260	307265	Yes	
4/16/14	Young/Rumpke	19	Lead	1026	1106	323	323	61,920	27,640	34,280	17.14	61,780	25,940	35,840	-140	-1,700	1,560	307266	Yes	
4/16/14	Young/Rumpke	49	Lead	1039	1117	324	324	66,500	26,860	39,640	19.82	66,360	26,820	39,540	-140	-40	-100	307269	Yes	
4/16/14	Young/Rumpke	18	Lead	1041	1119	325	325	61,620	28,760	32,860	16.43	61,440	28,940	32,500	-180	180	-360	307270	Yes	
4/16/14	Young/Rumpke	56	Lead	1047	1130	326	326	66,380	28,020	38,360	19.18	66,260	27,940	38,320	-120	-80	-40	307271	Yes	
4/16/14	Young/Rumpke	34	Lead	1047	1135	327	327	58,540	26,640	31,900	15.95	58,360	26,640	31,720	-180	0	-180	307272	Yes	
4/16/14	Young/Rumpke	11	Lead	1048	1140	328	328	61,660	27,120	34,540	17.27	61,540	27,300	34,240	-120	180	-300	307273	Yes	
4/16/14	Young/Rumpke	138	Lead	1353	1425	329	329	59,080	25,520	33,560	16.78	58,900	26,220	32,680	-180	700	-880	307294	Yes	
4/16/14	Young/Rumpke	50	Lead	1354	1430	330	330	49,400	25,880	23,520	11.76	49,300	25,800	23,500	-100	-80	-20	307295	Yes	
4/16/14	Young/Rumpke	19	Lead	1355	1434	331	331	47,740	26,100	21,640	10.82	47,560	25,940	21,620	-180	-160	-20	307297	Yes	327.92
																			<b>GRAND TOTAL</b>	<b>6,176.91</b>

Footnotes:

- 1 Difference = Crane Gross Wt. (Col. I) - Crane Tare Wt. (Col. J)
- 2 Difference = Landfill Gross Wt. (Col. M) - Landfill Tare Wt. (Col. N)
- 3 Difference = Landfill Gross Wt. (Col. M) - Crane Gross Wt. (Col. I)
- 4 Difference = Landfill Tare Wt. (Col. N) - Crane Tare Wt. (Col. J)
- 5 Difference = Landfill Net Wt. (Col. O) - Crane Net Wt. (Col. K)
- 6 Estimated weight of soil from gross decon of equipment

TABLE 3-3

SUMMARY OF HAZARDOUS SOIL DISPOSED DURING INTERIM MEASURES REMOVAL ACTIONS AT  
 UXO 7 - OLD RIFLE RANGE AND TRAP RANGES  
 NSA CRANE  
 CRANE, INDIANA

Date	Trucking Company / Landfill	Truck Number	Excavation Area	Time In	Time Out	Waste Manifest Number	Crane Weight Ticket Number	Crane Gross Weight (lbs)	Crane Tare Weight (lbs)	Crane Net Weight (lbs) (1)	Crane Net Weight (tons)	Landfill Gross Weight (lbs)	Landfill Tare Weight (lbs)	Landfill Net Weight (lbs) (2)	Landfill-Crane Difference in Gross weights (lbs) (3)	Landfill-Crane Difference in Tare Weights (lbs) (4)	Landfill-Crane Difference in Net Weights (lbs) (5)	Landfill Scale Ticket Number	Signed Landfill Manifest Received	Daily Tons	
4/22/14	Beelman/ Peoria	3044	Lead	0710	0846	012396764 JJK	332	79,380	28,080	51,300	25.65	78,880	27,680	51,200	-500	-400	-100	2210598-PDC	Yes		
4/22/14	Beelman/ Peoria	3021	Lead	0711	0847	012396765 JJK	333	79,580	28,080	51,500	25.75	79,120	27,620	51,500	-460	-460	0	2210597-PDC	Yes		
4/22/14	Beelman/ Peoria	680	Lead	0713	0855	012396766 JJK	334	79,840	30,180	49,660	24.83	79,640	29,780	49,860	-200	-400	200	2210596-PDC	Yes		
4/22/14	Beelman/ Peoria	3041	Lead	0714	0917	012396767 JJK	335	78,480	28,260	50,220	25.11	78,060	27,580	50,480	-420	-680	260	2210600-PDC	Yes		
4/22/14	Beelman/ Peoria	3043	Lead	0715	0918	012396768 JJK	336	78,460	27,900	50,560	25.28	78,020	27,540	50,480	-440	-360	-80	2210599-PDC	Yes		
4/22/14	Beelman/ Peoria	500	Lead	0715	0941	012396769 JJK	337	78,980	25,460	53,520	26.76	78,560	25,060	53,500	-420	-400	-20	2210601-PDC	Yes		
4/22/14	Beelman/ Peoria	992	Lead	0716	1000	012396770 JJK	338	80,420	30,660	49,760	24.88	80,720	30,980	49,740	300	320	-20	2210604-PDC	Yes		
4/22/14	Beelman/ Peoria	414	Lead	0717	1004	012396771 JJK	339	79,240	30,460	48,780	24.39	79,980	31,240	48,740	740	780	-40	2210605-PDC	Yes	202.65	
4/23/14	Beelman/ Peoria	680	Lead	0723	0826	012396772 JJK	340	76,740	30,080	46,660	23.33	76,360	29,700	46,660	-380	-380	0	2210622-PDC	Yes		
4/23/14	Beelman/ Peoria	500	Lead	0724	0829	012396773 JJK	341	74,500	25,480	49,020	24.51	74,100	24,960	49,140	-400	-520	120	2210620-PDC	Yes		
4/23/14	Beelman/ Peoria	414	Lead	0725	0926	012396760 JJK	342	79,460	31,100	48,360	24.18	79,000	30,680	48,320	-460	-420	-40	2210629-PDC	Yes		
4/23/14	Beelman/ Peoria	992	Lead	0726	0901	012396774 JJK	343	79,540	30,760	48,780	24.39	79,080	30,340	48,740	-460	-420	-40	2210628-PDC	Yes		
4/23/14	Beelman/ Peoria	3044	Lead	0731	0918	012396775 JJK	344	77,840	27,980	49,860	24.93	77,480	27,440	50,040	-360	-540	180	2210625-PDC	Yes		
4/23/14	Beelman/ Peoria	3021	Lead	0731	0919	012396776 JJK	345	75,240	27,920	47,320	23.66	74,880	27,320	47,560	-360	-600	240	2210627-PDC	Yes		
4/23/14	Beelman/ Peoria	3043	Lead	0732	0947	012396763 JJK	346	72,620	27,860	44,760	22.38	72,720	27,880	44,840	100	20	80	2210630-PDC	Yes		
4/23/14	Beelman/ Peoria	3041	Lead	0733	1028	012396762 JJK	347	54,540	28,120	26,420	13.21	54,640	28,180	26,460	100	60	40	2210631-PDC	Yes	180.59	
																			Grand total:		383.24

Footnotes:

- 1 Difference = Crane Gross Wt.(Col. I) - Crane Tare Wt. (Col. J)
- 2 Difference = Landfill Gross Wt. (Col. M) - Landfill Tare Wt. (Col. N)
- 3 Difference = Landfill Gross Wt. (Col. M) - Crane Gross Wt. (Col. I)
- 4 Difference = Landfill Tare Wt. (Col. N) - Crane Tare Wt. (Col. J)
- 5 Difference = Landfill Net Wt. (Col. O) - Crane Net Wt. (Col. K)

TABLE 3-4

**SUMMARY OF BACKFILL MATERIALS USED DURING INTERIM MEASURES REMOVAL ACTIONS AT  
UXO 7 - OLD RIFLE RANGE AND TRAP RANGES  
NSA CRANE  
CRANE, INDIANA  
PAGE 1 OF 7**

Date	Trucking Company / Backfill Source	Truck Number	Crane Backfill Truck Number	Landfill Gross Weight (lbs)	Landfill Tare Weight (lbs)	Landfill Net Weight (lbs).	Landfill Scale Ticket Number	Stone Aggregate (#2 or #53) (Tons)	Structural Fill / Backfill (Tons)	Topsoil Backfill (Tons)	Total Backfill (Tons)
2/19/14	Hanna/Ben's Quarry	46	1	69,260	28,080	41,180	15064832		20.59		20.59
2/19/14	Hanna/Ben's Quarry	32	2	71,520	28,760	42,760	15064833		21.38		21.38
2/19/14	Hanna/Ben's Quarry	33	3	70,440	28,640	41,800	15064834		20.90		20.90
2/20/14	Hanna/Ben's Quarry	85	4	69,680	25,760	43,920	15064881		21.96		21.96
2/20/14	Hanna/Ben's Quarry	35	5	73,000	28,400	44,600	15064882		22.30		22.30
2/21/14	Hanna/Ben's Quarry	35	6	72,600	28,400	44,200	15064941		22.10		22.10
2/21/14	Hanna/Ben's Quarry	18	7	71,380	28,300	43,080	15064944		21.54		21.54
2/28/14	Hanna/Ben's Quarry	82	8	71,500	28,220	43,280	15065365	21.64			21.64
3/5/14	Young/Ben's Quarry	53	9	70,220	26,260	43,960	15065468	21.98			21.98
3/5/14	Young/Ben's Quarry	45	10	72,120	28,500	43,620	15065469	21.81			21.81
3/5/14	Young/Ben's Quarry	26	11	67,560	28,960	38,600	15065470	19.30			19.30
3/11/14	Young/Ben's Quarry	18	12	67,400	28,580	38,820	15065862	19.41			19.41
3/11/14	Young/Ben's Quarry	18	13	67,040	28,580	38,460	15065896	19.23			19.23
3/12/14	Young/VCNA Prairie	18	14	68,460	28,980	39,480	7835632		19.74		19.74
3/12/14	Young/VCNA Prairie	11	15	67,860	26,660	41,260	7835633		20.63		20.63
3/12/14	Young/VCNA Prairie	44	16	67,860	27,400	40,460	7835634		20.23		20.23
3/12/14	Young/VCNA Prairie	19	17	68,280	25,820	42,460	7835636		21.23		21.23
3/12/14	Young/VCNA Prairie	52	18	72,080	26,380	45,700	7835639		22.85		22.85
3/12/14	Young/VCNA Prairie	18	19	67,840	28,980	38,860	7835640		19.43		19.43
3/12/14	Young/VCNA Prairie	44	20	67,100	27,400	39,700	7835643		19.85		19.85
3/12/14	Young/VCNA Prairie	11	21	67,220	26,600	40,620	7835644		20.31		20.31
3/12/14	Young/VCNA Prairie	19	22	67,420	25,820	41,600	7835645		20.80		20.80
3/12/14	Young/VCNA Prairie	52	23	71,560	26,380	45,180	7835650		22.59		22.59
3/12/14	Young/VCNA Prairie	18	24	67,400	28,980	38,420	7835653		19.21		19.21
3/12/14	Young/VCNA Prairie	44	25	67,080	27,400	39,680	7835655		19.84		19.84
3/12/14	Young/VCNA Prairie	11	26	66,860	26,600	40,260	7835656		20.13		20.13
3/12/14	Young/VCNA Prairie	19	27	68,000	25,820	42,180	7835657		21.09		21.09
3/12/14	Young/VCNA Prairie	52	28	73,220	26,380	46,840	7835661		23.42		23.42
3/12/14	Young/VCNA Prairie	18	29	68,120	28,980	39,140	7835662		19.57		19.57
3/12/14	Young/VCNA Prairie	44	30	67,700	27,400	40,300	7835664		20.15		20.15
3/12/14	Young/VCNA Prairie	11	31	67,960	26,600	41,360	7835665		20.68		20.68
3/12/14	Young/VCNA Prairie	19	32	67,180	25,820	41,360	7835666		20.68		20.68
3/12/14	Young/VCNA Prairie	52	33	72,700	26,380	46,360	7835667		23.18		23.18
3/13/14	Young/VCNA Prairie	56	34	70,440	27,400	43,040	7835681		21.52		21.52
3/13/14	Young/VCNA Prairie	49	35	66,620	27,000	39,620	7835682		19.81		19.81
3/13/14	Young/VCNA Prairie	42	36	67,180	26,480	40,700	7835684		20.35		20.35
3/13/14	Young/VCNA Prairie	50	37	67,820	25,700	42,120	7835689		21.06		21.06
3/13/14	Young/VCNA Prairie	17	38	68,260	28,600	39,660	7835691		19.83		19.83

TABLE 3-4

**SUMMARY OF BACKFILL MATERIALS USED DURING INTERIM MEASURES REMOVAL ACTIONS AT  
UXO 7 - OLD RIFLE RANGE AND TRAP RANGES  
NSA CRANE  
CRANE, INDIANA  
PAGE 2 OF 7**

Date	Trucking Company / Backfill Source	Truck Number	Crane Backfill Truck Number	Landfill Gross Weight (lbs)	Landfill Tare Weight (lbs)	Landfill Net Weight (lbs).	Landfill Scale Ticket Number	Stone Aggregate (#2 or #53) (Tons)	Structural Fill / Backfill (Tons)	Topsoil Backfill (Tons)	Total Backfill (Tons)
3/13/14	Young/VCNA Prairie	19	39	68,360	25,820	42,540	7835692		21.27		21.27
3/13/14	Young/Ben's Quarry	56	40	71,180	28,000	43,180	15066063	21.59			21.59
3/13/14	Young/Ben's Quarry	42	41	68,500	26,840	41,660	15066062	20.83			20.83
3/13/14	Young/Ben's Quarry	49	42	67,920	26,800	41,120	15066064	20.56			20.56
3/24/14	Young/VCNA Prairie	11	43	67,440	26,600	40,840	7836025		20.42		20.42
3/24/14	Young/VCNA Prairie	50	44	66,720	25,700	41,020	7836024		20.51		20.51
3/24/14	Young/VCNA Prairie	45	45	71,520	28,620	42,900	7836022		21.45		21.45
3/24/14	Young/VCNA Prairie	19	46	67,160	25,820	41,340	7836017		20.67		20.67
3/24/14	Young/VCNA Prairie	18	47	66,840	28,980	37,860	7836014		18.93		18.93
3/24/14	Young/VCNA Prairie	11	48	67,260	26,600	40,660	7836008		20.33		20.33
3/24/14	Young/VCNA Prairie	50	49	66,760	25,700	41,060	7836007		20.53		20.53
3/24/14	Young/VCNA Prairie	45	50	72,140	28,620	43,520	7836006		21.76		21.76
3/24/14	Young/VCNA Prairie	19	51	66,600	25,820	40,780	7836003		20.39		20.39
3/24/14	Young/VCNA Prairie	18	52	68,460	28,980	39,480	7836001		19.74		19.74
3/24/14	Young/VCNA Prairie	11	53	68,500	26,600	41,900	7835996		20.95		20.95
3/24/14	Young/VCNA Prairie	50	54	67,080	25,700	41,380	7835995		20.69		20.69
3/24/14	Young/VCNA Prairie	45	55	72,320	28,620	43,700	7835994		21.85		21.85
3/24/14	Young/VCNA Prairie	19	56	67,960	25,820	42,140	7835993		21.07		21.07
3/24/14	Young/VCNA Prairie	18	57	68,500	28,980	39,520	7835990		19.76		19.76
3/24/14	Young/VCNA Prairie	11	58	68,300	26,600	41,700	7835986		20.85		20.85
3/24/14	Young/VCNA Prairie	50	59	66,660	25,700	40,960	7835985		20.48		20.48
3/24/14	Young/VCNA Prairie	45	60	72,440	28,620	43,820	7835984		21.91		21.91
3/24/14	Young/VCNA Prairie	19	61	68,480	25,820	42,660	7835983		21.33		21.33
3/24/14	Young/VCNA Prairie	18	62	67,860	28,980	38,880	7835982		19.44		19.44
3/25/14	Young/VCNA Prairie	19	3/25 - 01	68,460	25,820	42,640	7836060		21.32		21.32
3/25/14	Young/VCNA Prairie	18	3/25 - 02	67,920	28,980	38,940	7836061		19.47		19.47
3/25/14	Young/VCNA Prairie	50	3/25 - 03	68,100	25,700	42,400	7836062		21.20		21.20
3/25/14	Young/VCNA Prairie	45	3/25 - 04	73,100	28,620	44,480	7836063		22.24		22.24
3/25/14	Young/VCNA Prairie	55	3/25 - 05	71,660	27,700	43,960	7836064		21.98		21.98
3/25/14	Young/VCNA Prairie	54	3/25 - 06	73,180	27,160	46,020	7836065		23.01		23.01
3/25/14	Young/VCNA Prairie	11	3/25 - 07	67,620	26,600	41,020	7836066		20.51		20.51
3/25/14	Young/VCNA Prairie	49	3/25 - 08	67,320	27,000	40,320	7836067		20.16		20.16
3/25/14	Young/VCNA Prairie	33	3/25 - 09	67,920	26,820	41,100	7836068		20.55		20.55
3/25/14	Young/VCNA Prairie	22	3/25 - 10	71,960	27,360	44,600	7836069		22.30		22.30
3/25/14	Young/VCNA Prairie	18	3/25 - 11	68,420	28,980	39,440	7836072		19.72		19.72
3/25/14	Young/VCNA Prairie	19	3/25 - 12	68,320	25,820	42,500	7836073		21.25		21.25
3/25/14	Young/VCNA Prairie	45	3/25 - 13	72,000	28,620	43,380	7836076		21.69		21.69
3/25/14	Young/VCNA Prairie	50	3/25 - 14	68,340	25,700	42,640	7836077		21.32		21.32

TABLE 3-4

**SUMMARY OF BACKFILL MATERIALS USED DURING INTERIM MEASURES REMOVAL ACTIONS AT  
UXO 7 - OLD RIFLE RANGE AND TRAP RANGES  
NSA CRANE  
CRANE, INDIANA  
PAGE 3 OF 7**

Date	Trucking Company / Backfill Source	Truck Number	Crane Backfill Truck Number	Landfill Gross Weight (lbs)	Landfill Tare Weight (lbs)	Landfill Net Weight (lbs).	Landfill Scale Ticket Number	Stone Aggregate (#2 or #53) (Tons)	Structural Fill / Backfill (Tons)	Topsoil Backfill (Tons)	Total Backfill (Tons)
3/25/14	Young/VCNA Prairie	55	3/25 - 15	71,780	27,700	44,080	7836079		22.04		22.04
3/25/14	Young/VCNA Prairie	11	3/25 - 16	68,000	26,600	41,400	7836080		20.70		20.70
3/25/14	Young/VCNA Prairie	54	3/25 - 17	73,240	27,160	46,080	7836081		23.04		23.04
3/25/14	Young/VCNA Prairie	49	3/25 - 18	64,840	27,000	38,840	7836082		19.42		19.42
3/25/14	Young/VCNA Prairie	33	3/25 - 19	67,440	26,820	40,620	7836083		21.31		20.31
3/25/14	Young/VCNA Prairie	22	3/25 - 20	70,800	27,360	43,440	7836084		21.72		21.72
3/25/14	Young/VCNA Prairie	18	3/25 - 21	67,540	28,980	38,560	7836087		19.28		19.28
3/25/14	Young/VCNA Prairie	45	3/25 - 22	72,940	28,620	44,320	7836090		22.16		22.16
3/25/14	Young/VCNA Prairie	55	3/25 - 23	72,960	27,700	45,260	7836092		22.63		22.63
3/25/14	Young/VCNA Prairie	54	3/25 - 24	72,360	27,160	45,200	7836093		22.60		22.60
3/25/14	Young/VCNA Prairie	22	3/25 - 25	73,280	27,360	45,920	7836095		22.96		22.96
3/25/14	Young/VCNA Prairie	18	3/25 - 26	66,680	28,980	37,700	7836100		18.85		18.85
3/25/14	Young/VCNA Prairie	45	3/25 - 27	72,940	28,620	44,320	7836102		22.16		22.16
3/25/14	Young/VCNA Prairie	54	3/25 - 28	73,020	27,160	45,860	7836103		22.93		22.93
3/25/14	Young/VCNA Prairie	22	3/25 - 29	72,020	27,360	44,660	7836104		22.33		22.33
3/25/14	Young/VCNA Prairie	55	3/25 - 30	73,100	27,700	45,400	7836105		22.70		22.70
3/25/14	Young/VCNA Prairie	18	3/25 - 31	68,220	28,980	39,240	7836109		19.62		19.62
3/25/14	Young/VCNA Prairie	45	3/25 - 32	73,280	28,620	44,660	7836112		22.33		22.33
3/25/14	Young/VCNA Prairie	55	3/25 - 33	71,640	27,700	43,940	7836113		21.97		21.97
3/25/14	Young/VCNA Prairie	54	3/25 - 34	73,140	27,160	45,980	7836114		22.99		22.99
3/25/14	Young/VCNA Prairie	22	3/25 - 35	72,040	27,360	44,680	7836116		22.34		22.34
3/25/14	Young/VCNA Prairie	18	3/25 - 36	67,320	28,980	38,340	7836119		19.17		19.17
3/25/14	Young/VCNA Prairie	45	3/25 - 37	71,600	28,620	42,980	7836122		21.49		21.49
3/25/14	Young/VCNA Prairie	55	3/25 - 38	71,240	27,700	43,540	7836125		21.77		21.77
3/25/14	Young/VCNA Prairie	54	3/25 - 39	72,560	27,160	45,400	7836126		22.70		22.70
3/25/14	Young/VCNA Prairie	22	3/25 - 40	73,000	27,360	45,640	7836127		22.82		22.82
3/25/14	Young/VCNA Prairie	18	3/25 - 41	68,200	28,980	39,220	7836129		19.61		19.61
3/26/14	Young/VCNA Prairie	49	3/26 - 01	67,760	27,000	40,760	7836131		20.38		20.38
3/26/14	Young/VCNA Prairie	54	3/26 - 02	72,320	27,160	45,160	7836132		22.58		22.58
3/26/14	Young/VCNA Prairie	55	3/26 - 03	72,600	27,700	44,900	7836133		22.45		22.45
3/26/14	Young/VCNA Prairie	50	3/26 - 04	68,440	25,700	42,740	7836134		21.37		21.37
3/26/14	Young/VCNA Prairie	56	3/26 - 05	73,000	27,400	45,600	7836136		22.80		22.80
3/26/14	Young/VCNA Prairie	49	3/26 - 06	67,460	27,000	40,460	7836139		20.23		20.23
3/26/14	Young/VCNA Prairie	54	3/26 - 07	72,860	27,160	45,700	7836140		22.85		22.85
3/26/14	Young/VCNA Prairie	55	3/26 - 08	72,680	27,700	44,980	7836141		22.49		22.49
3/26/14	Young/VCNA Prairie	50	3/26 - 09	65,680	25,700	39,980	7836142		19.99		19.99
3/26/14	Young/VCNA Prairie	49	3/26 - 10	68,060	27,000	41,060	7836148		20.53		20.53
3/26/14	Young/VCNA Prairie	56	3/26 - 11	73,220	27,400	45,820	7836149		22.91		22.91

TABLE 3-4

**SUMMARY OF BACKFILL MATERIALS USED DURING INTERIM MEASURES REMOVAL ACTIONS AT  
UXO 7 - OLD RIFLE RANGE AND TRAP RANGES  
NSA CRANE  
CRANE, INDIANA  
PAGE 4 OF 7**

Date	Trucking Company / Backfill Source	Truck Number	Crane Backfill Truck Number	Landfill Gross Weight (lbs)	Landfill Tare Weight (lbs)	Landfill Net Weight (lbs).	Landfill Scale Ticket Number	Stone Aggregate (#2 or #53) (Tons)	Structural Fill / Backfill (Tons)	Topsoil Backfill (Tons)	Total Backfill (Tons)
3/26/14	Young/VCNA Prairie	54	3/26 - 12	72,900	27,160	45,740	7836152		22.87		22.87
3/26/14	Young/VCNA Prairie	55	3/26 - 13	72,240	27,700	44,540	7836153		22.27		22.27
3/26/14	Young/VCNA Prairie	50	3/26 - 14	68,440	25,700	42,740	7836154		21.37		21.37
3/26/14	Young/VCNA Prairie	54	3/26 - 15	73,000	27,160	45,840	7836159		22.92		22.92
3/26/14	Young/VCNA Prairie	55	3/26 - 16	72,700	27,700	45,000	7836161		22.50		22.50
3/26/14	Young/VCNA Prairie	56	3/26 - 17	73,180	27,400	45,780	7836178		22.89		22.89
3/28/14	Young/VCNA Prairie	20	3/28 - 01	67,220	27,380	39,840	7836242		19.92		19.92
3/28/14	Young/VCNA Prairie	45	3/28 - 02	72,940	28,620	44,320	7836243		22.16		22.16
3/28/14	Young/VCNA Prairie	33	3/28 - 03	68,460	26,820	41,640	7836244		20.82		20.82
3/28/14	Young/VCNA Prairie	19	3/28 - 04	68,440	25,820	42,620	7836245		21.31		21.31
3/28/14	Young/VCNA Prairie	11	3/28 - 05	68,420	26,600	41,820	7836246		20.91		20.91
3/28/14	Young/VCNA Prairie	50	3/28 - 06	67,820	25,700	42,120	7836248		21.06		21.06
3/28/14	Young/VCNA Prairie	49	3/28 - 07	67,700	27,000	40,700	7836250		20.35		20.35
3/28/14	Young/VCNA Prairie	20	3/28 - 08	67,780	27,360	40,400	7836251		20.20		20.20
3/28/14	Young/VCNA Prairie	51	3/28 - 09	71,960	27,420	44,540	7836253		22.27		22.27
3/28/14	Young/VCNA Prairie	45	3/28 - 10	71,400	28,620	42,780	7836254		21.39		21.39
3/28/14	Young/VCNA Prairie	33	3/28 - 11	68,420	26,820	41,600	7836255		20.80		20.80
3/28/14	Young/VCNA Prairie	19	3/28 - 12	68,360	25,820	42,540	7836256		21.27		21.27
3/28/14	Young/VCNA Prairie	11	3/28 - 13	67,180	26,600	40,580	7836257		20.29		20.29
3/28/14	Young/VCNA Prairie	50	3/28 - 14	66,520	25,700	40,820	7836260		20.41		20.41
3/28/14	Young/VCNA Prairie	49	3/28 - 15	67,400	27,000	40,400	7836253		20.20		20.20
3/28/14	Young/VCNA Prairie	20	3/28 - 16	68,360	27,380	40,980	7836264		20.49		20.49
3/28/14	Young/VCNA Prairie	33	3/28 - 17	68,200	26,820	41,380	7836266		20.69		20.69
3/28/14	Young/VCNA Prairie	45	3/28 - 18	71,440	28,620	42,820	7836267		21.41		21.41
3/28/14	Young/VCNA Prairie	19	3/28 - 19	66,840	25,820	41,020	7836268		20.51		20.51
3/28/14	Young/VCNA Prairie	11	3/28 - 20	67,980	26,600	41,380	7836269		20.69		20.69
3/28/14	Young/VCNA Prairie	50	3/28 - 21	66,600	25,700	40,900	7836272		20.45		20.45
3/28/14	Young/VCNA Prairie	51	3/28 - 22	72,400	27,420	44,980	7836274		22.49		22.49
3/28/14	Young/VCNA Prairie	20	3/28 - 23	66,300	27,380	38,920	7836277		19.46		19.46
3/28/14	Young/VCNA Prairie	49	3/28 - 24	67,440	27,000	40,440	7836278		20.22		20.22
3/28/14	Young/VCNA Prairie	45	3/28 - 25	72,120	28,620	43,500	7836279		21.75		21.75
3/28/14	Young/VCNA Prairie	19	3/28 - 26	67,020	25,820	41,200	7836280		20.60		20.60
3/28/14	Young/VCNA Prairie	33	3/28 - 27	66,260	26,820	39,440	7836281		19.72		19.72
3/28/14	Young/VCNA Prairie	50	3/28 - 28	67,360	25,700	41,660	7836282		20.83		20.83
3/28/14	Young/VCNA Prairie	11	3/28 - 29	67,600	26,600	41,000	7836283		20.50		20.50
3/28/14	Young/VCNA Prairie	51	3/28 - 30	72,500	27,420	45,080	7836285		22.54		22.54
3/28/14	Young/VCNA Prairie	49	3/28 - 31	67,860	27,000	40,860	7836286		20.43		20.43
3/28/14	Young/VCNA Prairie	20	3/28 - 32	68,020	27,380	40,640	7836287		20.32		20.32

TABLE 3-4

**SUMMARY OF BACKFILL MATERIALS USED DURING INTERIM MEASURES REMOVAL ACTIONS AT  
UXO 7 - OLD RIFLE RANGE AND TRAP RANGES  
NSA CRANE  
CRANE, INDIANA  
PAGE 5 OF 7**

Date	Trucking Company / Backfill Source	Truck Number	Crane Backfill Truck Number	Landfill Gross Weight (lbs)	Landfill Tare Weight (lbs)	Landfill Net Weight (lbs).	Landfill Scale Ticket Number	Stone Aggregate (#2 or #53) (Tons)	Structural Fill / Backfill (Tons)	Topsoil Backfill (Tons)	Total Backfill (Tons)
3/28/14	Young/VCNA Prairie	19	3/28 - 33	67,760	25,820	41,940	7836290		20.97		20.97
3/28/14	Young/VCNA Prairie	33	3/28 - 34	68,040	26,820	41,220	7836291		20.61		20.61
3/28/14	Young/VCNA Prairie	50	3/28 - 35	65,940	25,700	41,240	7836292		20.62		20.62
3/28/14	Young/VCNA Prairie	11	3/28 - 36	68,280	26,600	41,680	7836293		20.84		20.84
4/11/14	Young/VCNA Prairie	19	63	68,180	25,820	42,360	7836724			21.18	21.18
4/11/14	Young/VCNA Prairie	56	64	71,140	27,400	43,740	7836727			21.87	21.87
4/16/14	Young/VCNA Prairie	49	65	66,520	27,000	39,520	7836871			19.76	19.76
4/16/14	Young/VCNA Prairie	18	66	68,020	28,980	39,040	7836872			19.52	19.52
4/16/14	Young/VCNA Prairie	11	67	66,720	26,600	40,120	7836875			20.06	20.06
4/16/14	Young/VCNA Prairie	34	68	67,900	26,660	41,240	7836877			20.62	20.62
4/16/14	Young/VCNA Prairie	56	69	71,740	27,400	44,340	7836878			22.17	22.17
4/17/14	Young/VCNA Prairie	56	70	68,240	27,400	40,840	7836956			20.42	20.42
4/17/14	Young/VCNA Prairie	18	71	67,820	28,980	38,840	7836962			19.42	19.42
4/17/14	Young/VCNA Prairie	50	72	66,380	25,700	40,680	7836963			20.34	20.34
4/17/14	Young/VCNA Prairie	11	73	67,320	26,600	40,720	7836965			20.36	20.36
4/17/14	Young/VCNA Prairie	33	74	67,720	27,060	36,660	7836966			18.33	18.33
4/17/14	Young/VCNA Prairie	41	75	64,120	26,440	37,680	7836967			18.84	18.84
4/17/14	Young/VCNA Prairie	56	76	71,960	27,400	44,560	7836978			22.28	22.28
4/17/14	Young/VCNA Prairie	49	77	66,580	27,000	39,580	7836980			19.79	19.79
4/17/14	Young/VCNA Prairie	38	78	72,620	25,680	46,940	7836981			23.47	23.47
4/17/14	Young/VCNA Prairie	50	79	66,400	25,700	40,700	7836983			20.35	20.35
4/17/14	Young/VCNA Prairie	11	80	67,520	26,600	40,920	7836984			20.46	20.46
4/17/14	Young/VCNA Prairie	18	81	68,480	28,980	39,500	7836986			19.75	19.75
4/17/14	Young/VCNA Prairie	33	82	68,160	27,060	41,100	7836987			20.55	20.55
4/17/14	Young/VCNA Prairie	41	83	66,240	26,440	39,800	7836988			19.90	19.90
4/17/14	Young/VCNA Prairie	56	84	68,080	27,400	40,680	7837000			20.34	20.34
4/17/14	Young/VCNA Prairie	38	85	68,820	25,680	43,140	7837001			21.57	21.57
4/17/14	Young/VCNA Prairie	50	86	66,640	25,700	40,940	7837004			20.47	20.47
4/17/14	Young/VCNA Prairie	49	87	67,560	27,000	40,560	7837005			20.28	20.28
4/17/14	Young/VCNA Prairie	11	88	67,600	26,600	41,000	7837006			20.50	20.50
4/17/14	Young/VCNA Prairie	56	89	73,240	27,400	45,840	7836887			22.92	22.92
4/17/14	Young/VCNA Prairie	38	90	72,640	25,680	46,960	7836888			23.48	23.48
4/17/14	Young/VCNA Prairie	49	91	67,640	27,000	40,640	7836889			20.32	20.32
4/17/14	Young/VCNA Prairie	18	92	66,800	28,980	37,820	7836890			18.91	18.91
4/17/14	Young/VCNA Prairie	50	93	66,840	25,700	41,140	7836891			20.57	20.57
4/17/14	Young/VCNA Prairie	33	94	67,980	27,060	40,920	7836892			20.46	20.46
4/17/14	Young/VCNA Prairie	11	95	68,360	26,600	41,760	7836893			20.88	20.88
4/17/14	Young/VCNA Prairie	41	96	67,880	26,440	41,440	7836896			20.72	20.72

TABLE 3-4

SUMMARY OF BACKFILL MATERIALS USED DURING INTERIM MEASURES REMOVAL ACTIONS AT  
 UXO 7 - OLD RIFLE RANGE AND TRAP RANGES  
 NSA CRANE  
 CRANE, INDIANA  
 PAGE 6 OF 7

Date	Trucking Company / Backfill Source	Truck Number	Crane Backfill Truck Number	Landfill Gross Weight (lbs)	Landfill Tare Weight (lbs)	Landfill Net Weight (lbs).	Landfill Scale Ticket Number	Stone Aggregate (#2 or #53) (Tons)	Structural Fill / Backfill (Tons)	Topsoil Backfill (Tons)	Total Backfill (Tons)
4/17/14	Young/VCNA Prairie	56	97	72,280	27,400	44,880	7836908			22.44	22.44
4/17/14	Young/VCNA Prairie	38	98	70,480	25,680	44,800	7836911			22.40	22.40
4/17/14	Young/VCNA Prairie	49	99	68,200	27,000	41,200	7836914			20.60	20.60
4/17/14	Young/VCNA Prairie	33	100	65,680	27,060	38,620	7836916			19.31	19.31
4/17/14	Young/VCNA Prairie	18	101	65,560	28,980	36,580	7836917			18.29	18.29
4/17/14	Young/VCNA Prairie	11	102	66,120	26,600	39,520	7836918			19.76	19.76
4/17/14	Young/VCNA Prairie	50	103	67,260	25,700	41,560	7836921			20.78	20.78
4/17/14	Young/VCNA Prairie	41	104	66,800	26,220	40,360	7836925			20.18	20.18
4/17/14	Young/VCNA Prairie	56	105	72,180	27,400	44,780	7836937			22.39	22.39
4/17/14	Young/VCNA Prairie	38	106	73,280	25,680	47,600	7836938			23.80	23.80
4/17/14	Young/VCNA Prairie	49	107	68,380	27,000	41,380	7836940			20.69	20.69
4/17/14	Young/VCNA Prairie	18	108	66,480	28,980	37,500	7836941			18.75	18.75
4/17/14	Young/VCNA Prairie	33	109	68,420	27,060	41,360	7836943			20.68	20.68
4/17/14	Young/VCNA Prairie	11	110	67,400	26,600	40,800	7836944			20.40	20.40
4/17/14	Young/VCNA Prairie	50	111	66,920	25,700	41,220	7836946			20.61	20.61
4/17/14	Young/VCNA Prairie	41	112	67,800	26,440	41,360	7836951			20.68	20.68
4/17/14	Young/VCNA Prairie	49	113	65,880	27,000	38,880	7836959			19.44	19.44
4/17/14	Young/VCNA Prairie	38	114	73,160	25,680	47,480	7836960			23.74	23.74
4/18/14	Young/VCNA Prairie	56	115	72,100	27,400	44,700	7837069			22.35	22.35
4/18/14	Young/VCNA Prairie	49	116	67,620	27,000	40,620	7837070			20.31	20.31
4/18/14	Young/VCNA Prairie	11	117	67,100	26,600	40,500	7837085			20.25	20.25
4/18/14	Young/VCNA Prairie	49	118	68,200	27,000	41,200	7837088			20.60	20.60
4/18/14	Young/VCNA Prairie	50	119	66,960	25,700	41,260	7837092			20.63	20.63
4/18/14	Young/VCNA Prairie	45	120	68,060	28,620	39,440	7837098			19.72	19.72
4/18/14	Young/VCNA Prairie	19	121	63,400	25,820	37,580	7837107			18.79	18.79
4/18/14	Young/VCNA Prairie	49	122	65,420	27,000	38,420	7837109			19.21	19.21
4/18/14	Young/VCNA Prairie	56	123	72,720	27,400	45,320	7837020			22.66	22.66
4/18/14	Young/VCNA Prairie	45	124	70,220	28,620	41,600	7837021			20.80	20.80
4/18/14	Young/VCNA Prairie	19	125	62,700	25,820	36,880	7837023			18.44	18.44
4/18/14	Young/VCNA Prairie	11	126	68,040	26,600	41,440	7837024			20.72	20.72
4/18/14	Young/VCNA Prairie	49	127	66,400	27,000	39,400	7837025			19.70	19.70
4/18/14	Young/VCNA Prairie	33	128	67,640	27,060	40,580	7837026			20.29	20.29
4/18/14	Young/VCNA Prairie	50	129	68,320	25,700	42,620	7837028			21.31	21.31
4/18/14	Young/VCNA Prairie	18	130	67,000	28,980	38,020	7837032			19.01	19.01
4/18/14	Young/VCNA Prairie	19	131	61,660	25,820	35,840	7837038			17.92	17.92
4/18/14	Young/VCNA Prairie	45	132	72,620	28,620	44,000	7837039			22.00	22.00
4/18/14	Young/VCNA Prairie	56	133	69,020	27,400	41,620	7837037			20.81	20.81
4/18/14	Young/VCNA Prairie	11	134	67,780	26,600	41,180	7837041			20.59	20.59

TABLE 3-4

SUMMARY OF BACKFILL MATERIALS USED DURING INTERIM MEASURES REMOVAL ACTIONS AT  
 UXO 7 - OLD RIFLE RANGE AND TRAP RANGES  
 NSA CRANE  
 CRANE, INDIANA  
 PAGE 7 OF 7

Date	Trucking Company / Backfill Source	Truck Number	Crane Backfill Truck Number	Landfill Gross Weight (lbs)	Landfill Tare Weight (lbs)	Landfill Net Weight (lbs)	Landfill Scale Ticket Number	Stone Aggregate (#2 or #53) (Tons)	Structural Fill / Backfill (Tons)	Topsoil Backfill (Tons)	Total Backfill (Tons)	
4/18/14	Young/VCNA Prairie	49	135	67,360	27,000	40,360	7837045			20.18	20.18	
4/18/14	Young/VCNA Prairie	33	136	68,480	27,060	41,420	7837047			20.71	20.71	
4/18/14	Young/VCNA Prairie	50	137	67,820	25,700	42,120	7837048			21.06	21.06	
4/18/14	Young/VCNA Prairie	33	138	63,020	27,060	35,960	7837110			17.98	17.98	
4/18/14	Young/VCNA Prairie	50	139	63,320	25,700	36,620	7837112			18.31	18.31	
4/18/14	Young/VCNA Prairie	18	140	68,340	28,980	39,360	7837007			19.68	19.68	
4/18/14	Young/VCNA Prairie	56	141	72,780	27,400	45,380	7837008			22.69	22.69	
4/18/14	Young/VCNA Prairie	45	142	72,300	28,620	43,680	7837009			21.84	21.84	
4/18/14	Young/VCNA Prairie	19	143	65,820	25,820	40,000	7837010			20.00	20.00	
4/18/14	Young/VCNA Prairie	11	144	66,260	26,600	39,660	7837011			19.83	19.83	
4/18/14	Young/VCNA Prairie	49	145	67,200	27,000	40,200	7837012			20.10	20.10	
4/18/14	Young/VCNA Prairie	33	146	66,400	27,060	39,340	7837013			19.67	19.67	
4/18/14	Young/VCNA Prairie	50	147	67,440	25,700	41,740	7837014			20.87	20.87	
4/18/14	Young/VCNA Prairie	18	148	63,840	28,980	34,860	7837017			17.43	17.43	
4/18/14	Young/VCNA Prairie	56	149	72,000	27,400	44,600	7837104			22.30	22.30	
4/18/14	Young/VCNA Prairie	11	150	62,400	26,600	35,800	7837105			17.90	17.90	
4/18/14	Young/VCNA Prairie	18	151	66,860	28,980	37,880	7837049			18.94	18.94	
4/18/14	Young/VCNA Prairie	19	152	67,340	25,820	41,520	7837063			20.76	20.76	
4/18/14	Young/VCNA Prairie	45	153	71,640	28,620	43,020	7837067			21.51	21.51	
4/18/14	Young/VCNA Prairie	11	154	63,920	26,600	37,320	7837068			18.66	18.66	
4/18/14	Young/VCNA Prairie	33	155	67,260	27,060	40,200	7837071			20.10	20.10	
4/18/14	Young/VCNA Prairie	50	156	65,040	25,700	39,340	7837073			19.67	19.67	
4/18/14	Young/VCNA Prairie	18	157	68,440	28,980	39,460	7837074			19.73	19.73	
4/18/14	Young/VCNA Prairie	45	158	70,380	28,620	41,760	7837079			20.88	20.88	
4/18/14	Young/VCNA Prairie	56	159	70,460	27,400	43,060	7837084			21.53	21.53	
4/18/14	Young/VCNA Prairie	19	160	66,140	25,820	40,320	7837086			20.16	20.16	
4/18/14	Young/VCNA Prairie	33	161	64,460	27,060	37,400	7837089			18.70	18.70	
4/18/14	Young/VCNA Prairie	18	162	68,180	28,980	39,200	7837096			19.60	19.60	
		162 + 94 = 256 truck loads						<b>Backfill Summary</b>	<b>Stone</b>	<b>Structural Backfill</b>	<b>Topsoil</b>	<b>All Fill</b>
							Total Tons	186.35	3106.54	2042.70	5334.59	

TABLE 3-5

WEST TRAP RANGE SOIL BaP EQUIVALENT CONCENTRATIONS - WALL AND FLOOR CONFIRMATION SAMPLES  
 UXO 7 IM SOIL REMOVAL CONFIRMATION SAMPLING  
 NSA CRANE, INDIANA  
 PAGE 1 OF 10

SAMPLE NAME	SAMPLE DATE	METHOD	ANALYTE	Result	RL	UNITS	ANOTE	BAP EQUIVALENT
X7-WTR1-AA-SOCW001-0001	03/17/2014 15:10:00	8270C_LL_PAH	Benzo[a]anthracene	0.0042	0.0086	mg/Kg	U	0.0086202
X7-WTR1-AA-SOCW001-0001	03/17/2014 15:10:00	8270C_LL_PAH	Benzo[a]pyrene	0.0031	0.0086	mg/Kg	J	
X7-WTR1-AA-SOCW001-0001	03/17/2014 15:10:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.0045	0.0086	mg/Kg	J M	
X7-WTR1-AA-SOCW001-0001	03/17/2014 15:10:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0026	0.0086	mg/Kg	U M	
X7-WTR1-AA-SOCW001-0001	03/17/2014 15:10:00	8270C_LL_PAH	Chrysene	0.0042	0.0086	mg/Kg	U	
X7-WTR1-AA-SOCW001-0001	03/17/2014 15:10:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0042	0.0086	mg/Kg	U	
X7-WTR1-AA-SOCW001-0001	03/17/2014 15:10:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0042	0.0086	mg/Kg	U	
X7-WTR1-EB-SOCW010-0001	03/17/2014 16:00:00	8270C_LL_PAH	Benzo[a]anthracene	0.038	0.0078	mg/Kg		0.079926
X7-WTR1-EB-SOCW010-0001	03/17/2014 16:00:00	8270C_LL_PAH	Benzo[a]pyrene	0.055	0.0078	mg/Kg		
X7-WTR1-EB-SOCW010-0001	03/17/2014 16:00:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.067	0.0078	mg/Kg	M	
X7-WTR1-EB-SOCW010-0001	03/17/2014 16:00:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.038	0.0078	mg/Kg	M	
X7-WTR1-EB-SOCW010-0001	03/17/2014 16:00:00	8270C_LL_PAH	Chrysene	0.046	0.0078	mg/Kg		
X7-WTR1-EB-SOCW010-0001	03/17/2014 16:00:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.011	0.0078	mg/Kg		
X7-WTR1-EB-SOCW010-0001	03/17/2014 16:00:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.03	0.0078	mg/Kg		
X7-WTR1-FA-SOCW011-0001	03/17/2014 16:05:00	8270C_LL_PAH	Benzo[a]anthracene	0.11	0.0075	mg/Kg		0.26712
X7-WTR1-FA-SOCW011-0001	03/17/2014 16:05:00	8270C_LL_PAH	Benzo[a]pyrene	0.18	0.0075	mg/Kg		
X7-WTR1-FA-SOCW011-0001	03/17/2014 16:05:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.22	0.0075	mg/Kg	M	
X7-WTR1-FA-SOCW011-0001	03/17/2014 16:05:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.096	0.0075	mg/Kg	M	
X7-WTR1-FA-SOCW011-0001	03/17/2014 16:05:00	8270C_LL_PAH	Chrysene	0.16	0.0075	mg/Kg		
X7-WTR1-FA-SOCW011-0001	03/17/2014 16:05:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.041	0.0075	mg/Kg		
X7-WTR1-FA-SOCW011-0001	03/17/2014 16:05:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.12	0.0075	mg/Kg		
X7-WTR1-GA-SOCW012-0001	03/17/2014 16:10:00	8270C_LL_PAH	Benzo[a]anthracene	0.62	0.082	mg/Kg		1.32594
X7-WTR1-GA-SOCW012-0001	03/17/2014 16:10:00	8270C_LL_PAH	Benzo[a]pyrene	0.92	0.082	mg/Kg		
X7-WTR1-GA-SOCW012-0001	03/17/2014 16:10:00	8270C_LL_PAH	Benzo[b]fluoranthene	1.3	0.082	mg/Kg	M	
X7-WTR1-GA-SOCW012-0001	03/17/2014 16:10:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.6	0.082	mg/Kg	M	
X7-WTR1-GA-SOCW012-0001	03/17/2014 16:10:00	8270C_LL_PAH	Chrysene	0.94	0.082	mg/Kg		
X7-WTR1-GA-SOCW012-0001	03/17/2014 16:10:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.17	0.082	mg/Kg		
X7-WTR1-GA-SOCW012-0001	03/17/2014 16:10:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.37	0.082	mg/Kg		
X7-WTR1-HA-SOCW013-0001	03/17/2014 16:15:00	8270C_LL_PAH	Benzo[a]anthracene	4.5	0.17	mg/Kg		9.5347
X7-WTR1-HA-SOCW013-0001	03/17/2014 16:15:00	8270C_LL_PAH	Benzo[a]pyrene	6.7	0.17	mg/Kg		
X7-WTR1-HA-SOCW013-0001	03/17/2014 16:15:00	8270C_LL_PAH	Benzo[b]fluoranthene	8.9	0.17	mg/Kg	M	
X7-WTR1-HA-SOCW013-0001	03/17/2014 16:15:00	8270C_LL_PAH	Benzo[k]fluoranthene	3.9	0.17	mg/Kg	M	
X7-WTR1-HA-SOCW013-0001	03/17/2014 16:15:00	8270C_LL_PAH	Chrysene	5.7	0.17	mg/Kg		
X7-WTR1-HA-SOCW013-0001	03/17/2014 16:15:00	8270C_LL_PAH	Dibenz(a,h)anthracene	1.2	0.17	mg/Kg		
X7-WTR1-HA-SOCW013-0001	03/17/2014 16:15:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	2.5	0.17	mg/Kg		
X7-WTR1-HB-SOCW014-0001	03/17/2014 16:20:00	8270C_LL_PAH	Benzo[a]anthracene	0.31	0.0078	mg/Kg	J	0.61402
X7-WTR1-HB-SOCW014-0001	03/17/2014 16:20:00	8270C_LL_PAH	Benzo[a]pyrene	0.45	0.0078	mg/Kg	J	
X7-WTR1-HB-SOCW014-0001	03/17/2014 16:20:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.76	0.0078	mg/Kg	J	
X7-WTR1-HB-SOCW014-0001	03/17/2014 16:20:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.21	0.0078	mg/Kg	M J	
X7-WTR1-HB-SOCW014-0001	03/17/2014 16:20:00	8270C_LL_PAH	Chrysene	0.42	0.0078	mg/Kg	J	
X7-WTR1-HB-SOCW014-0001	03/17/2014 16:20:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.046	0.0078	mg/Kg		
X7-WTR1-HB-SOCW014-0001	03/17/2014 16:20:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.085	0.0078	mg/Kg	J	

TABLE 3-5

**WEST TRAP RANGE SOIL BaP EQUIVALENT CONCENTRATIONS - WALL AND FLOOR CONFIRMATION SAMPLES  
UXO 7 IM SOIL REMOVAL CONFIRMATION SAMPLING  
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SAMPLE NAME	SAMPLE DATE	METHOD	ANALYTE	Result	RL	UNITS	ANOTE	BAP EQUIVALENT
X7-WTR1-A-SOCF001	03/17/2014 14:00:00	8270C_LL_PAH	Benzo[a]anthracene	0.0053	0.008	mg/Kg	J	0.0135632
X7-WTR1-A-SOCF001	03/17/2014 14:00:00	8270C_LL_PAH	Benzo[a]pyrene	0.0076	0.008	mg/Kg	J	
X7-WTR1-A-SOCF001	03/17/2014 14:00:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.0094	0.008	mg/Kg	M	
X7-WTR1-A-SOCF001	03/17/2014 14:00:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0036	0.008	mg/Kg	J M	
X7-WTR1-A-SOCF001	03/17/2014 14:00:00	8270C_LL_PAH	Chrysene	0.0072	0.008	mg/Kg	J	
X7-WTR1-A-SOCF001	03/17/2014 14:00:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0039	0.008	mg/Kg	U	
X7-WTR1-A-SOCF001	03/17/2014 14:00:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0055	0.008	mg/Kg	J	
X7-WTR1-B-SOCF002	03/17/2014 14:05:00	8270C_LL_PAH	Benzo[a]anthracene	0.064	0.0085	mg/Kg		0.147133
X7-WTR1-B-SOCF002	03/17/2014 14:05:00	8270C_LL_PAH	Benzo[a]pyrene	0.099	0.0085	mg/Kg		
X7-WTR1-B-SOCF002	03/17/2014 14:05:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.13	0.0085	mg/Kg	M	
X7-WTR1-B-SOCF002	03/17/2014 14:05:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.034	0.0085	mg/Kg	M	
X7-WTR1-B-SOCF002	03/17/2014 14:05:00	8270C_LL_PAH	Chrysene	0.093	0.0085	mg/Kg		
X7-WTR1-B-SOCF002	03/17/2014 14:05:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.022	0.0085	mg/Kg		
X7-WTR1-B-SOCF002	03/17/2014 14:05:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.063	0.0085	mg/Kg		
X7-WTR1-C-SOCF003	03/17/2014 14:10:00	8270C_LL_PAH	Benzo[a]anthracene	0.0042	0.0084	mg/Kg	U	0.0088245
X7-WTR1-C-SOCF003	03/17/2014 14:10:00	8270C_LL_PAH	Benzo[a]pyrene	0.0033	0.0084	mg/Kg	J	
X7-WTR1-C-SOCF003	03/17/2014 14:10:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.0044	0.0084	mg/Kg	J M	
X7-WTR1-C-SOCF003	03/17/2014 14:10:00	8270C_LL_PAH	Benzo[g,h,i]perylene	0.0042	0.0084	mg/Kg	U	
X7-WTR1-C-SOCF003	03/17/2014 14:10:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0025	0.0084	mg/Kg	U M	
X7-WTR1-C-SOCF003	03/17/2014 14:10:00	8270C_LL_PAH	Chrysene	0.0042	0.0084	mg/Kg	U	
X7-WTR1-C-SOCF003	03/17/2014 14:10:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0042	0.0084	mg/Kg	U	
X7-WTR1-C-SOCF003	03/17/2014 14:10:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0042	0.0084	mg/Kg	U	
X7-WTR1-D-SOCF004	03/17/2014 14:10:00	8270C_LL_PAH	Benzo[a]anthracene	0.0048	0.0081	mg/Kg	J	0.0128399
X7-WTR1-D-SOCF004	03/17/2014 14:10:00	8270C_LL_PAH	Benzo[a]pyrene	0.007	0.0081	mg/Kg	J	
X7-WTR1-D-SOCF004	03/17/2014 14:10:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.0088	0.0081	mg/Kg	M	
X7-WTR1-D-SOCF004	03/17/2014 14:10:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0043	0.0081	mg/Kg	J M	
X7-WTR1-D-SOCF004	03/17/2014 14:10:00	8270C_LL_PAH	Chrysene	0.0069	0.0081	mg/Kg	J	
X7-WTR1-D-SOCF004	03/17/2014 14:10:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.004	0.0081	mg/Kg	U	
X7-WTR1-D-SOCF004	03/17/2014 14:10:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0043	0.0081	mg/Kg	J	
X7-WTR1-E-SOCF005	03/17/2014 14:15:00	8270C_LL_PAH	Benzo[a]anthracene	0.0071	0.0082	mg/Kg	J	0.016784
X7-WTR1-E-SOCF005	03/17/2014 14:15:00	8270C_LL_PAH	Benzo[a]pyrene	0.01	0.0082	mg/Kg		
X7-WTR1-E-SOCF005	03/17/2014 14:15:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.013	0.0082	mg/Kg	M	
X7-WTR1-E-SOCF005	03/17/2014 14:15:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0084	0.0082	mg/Kg	M	
X7-WTR1-E-SOCF005	03/17/2014 14:15:00	8270C_LL_PAH	Chrysene	0.01	0.0082	mg/Kg		
X7-WTR1-E-SOCF005	03/17/2014 14:15:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.004	0.0082	mg/Kg	U	
X7-WTR1-E-SOCF005	03/17/2014 14:15:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0068	0.0082	mg/Kg	J	
X7-WTR1-BA-SOCW002-0001	03/17/2014 15:15:00	8270C_LL_PAH	Benzo[a]anthracene	0.0065	0.0088	mg/Kg	J	0.014575
X7-WTR1-BA-SOCW002-0001	03/17/2014 15:15:00	8270C_LL_PAH	Benzo[a]pyrene	0.0079	0.0088	mg/Kg	J	
X7-WTR1-BA-SOCW002-0001	03/17/2014 15:15:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.012	0.0088	mg/Kg	M	
X7-WTR1-BA-SOCW002-0001	03/17/2014 15:15:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0054	0.0088	mg/Kg	J M	
X7-WTR1-BA-SOCW002-0001	03/17/2014 15:15:00	8270C_LL_PAH	Chrysene	0.011	0.0088	mg/Kg		
X7-WTR1-BA-SOCW002-0001	03/17/2014 15:15:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0043	0.0088	mg/Kg	U	
X7-WTR1-BA-SOCW002-0001	03/17/2014 15:15:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0046	0.0088	mg/Kg	J	

TABLE 3-5

WEST TRAP RANGE SOIL BaP EQUIVALENT CONCENTRATIONS - WALL AND FLOOR CONFIRMATION SAMPLES  
UXO 7 IM SOIL REMOVAL CONFIRMATION SAMPLING  
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SAMPLE NAME	SAMPLE DATE	METHOD	ANALYTE	Result	RL	UNITS	ANOTE	BAP EQUIVALENT
X7-WTR1-F-SOCF006	03/17/2014 14:20:00	8270C_LL_PAH	Benzo[a]anthracene	0.0087	0.008	mg/Kg		0.018131
X7-WTR1-F-SOCF006	03/17/2014 14:20:00	8270C_LL_PAH	Benzo[a]pyrene	0.011	0.008	mg/Kg		
X7-WTR1-F-SOCF006	03/17/2014 14:20:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.016	0.008	mg/Kg	M	
X7-WTR1-F-SOCF006	03/17/2014 14:20:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0058	0.008	mg/Kg	J M	
X7-WTR1-F-SOCF006	03/17/2014 14:20:00	8270C_LL_PAH	Chrysene	0.013	0.008	mg/Kg		
X7-WTR1-F-SOCF006	03/17/2014 14:20:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0039	0.008	mg/Kg	U	
X7-WTR1-F-SOCF006	03/17/2014 14:20:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0069	0.008	mg/Kg	J	
X7-WTR1-BB-SOCW003-0001	03/17/2014 15:20:00	8270C_LL_PAH	Benzo[a]anthracene	0.016	0.0079	mg/Kg		0.031515
X7-WTR1-BB-SOCW003-0001	03/17/2014 15:20:00	8270C_LL_PAH	Benzo[a]pyrene	0.021	0.0079	mg/Kg		
X7-WTR1-BB-SOCW003-0001	03/17/2014 15:20:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.03	0.0079	mg/Kg	M	
X7-WTR1-BB-SOCW003-0001	03/17/2014 15:20:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0096	0.0079	mg/Kg	M	
X7-WTR1-BB-SOCW003-0001	03/17/2014 15:20:00	8270C_LL_PAH	Chrysene	0.019	0.0079	mg/Kg		
X7-WTR1-BB-SOCW003-0001	03/17/2014 15:20:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0046	0.0079	mg/Kg	J	
X7-WTR1-BB-SOCW003-0001	03/17/2014 15:20:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.012	0.0079	mg/Kg		
X7-WTR1-CA-SOCW004-0001	03/17/2014 15:25:00	8270C_LL_PAH	Benzo[a]anthracene	0.0084	0.0081	mg/Kg		0.0167276
X7-WTR1-CA-SOCW004-0001	03/17/2014 15:25:00	8270C_LL_PAH	Benzo[a]pyrene	0.0098	0.0081	mg/Kg		
X7-WTR1-CA-SOCW004-0001	03/17/2014 15:25:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.015	0.0081	mg/Kg	M	
X7-WTR1-CA-SOCW004-0001	03/17/2014 15:25:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0048	0.0081	mg/Kg	J M	
X7-WTR1-CA-SOCW004-0001	03/17/2014 15:25:00	8270C_LL_PAH	Chrysene	0.0096	0.0081	mg/Kg		
X7-WTR1-CA-SOCW004-0001	03/17/2014 15:25:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.004	0.0081	mg/Kg	U	
X7-WTR1-CA-SOCW004-0001	03/17/2014 15:25:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0053	0.0081	mg/Kg	J	
X7-WTR1-CB-SOCW005-0001	03/17/2014 15:30:00	8270C_LL_PAH	Benzo[a]anthracene	0.081	0.0082	mg/Kg		0.19395
X7-WTR1-CB-SOCW005-0001	03/17/2014 15:30:00	8270C_LL_PAH	Benzo[a]pyrene	0.13	0.0082	mg/Kg		
X7-WTR1-CB-SOCW005-0001	03/17/2014 15:30:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.19	0.0082	mg/Kg	M	
X7-WTR1-CB-SOCW005-0001	03/17/2014 15:30:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.062	0.0082	mg/Kg	M	
X7-WTR1-CB-SOCW005-0001	03/17/2014 15:30:00	8270C_LL_PAH	Chrysene	0.13	0.0082	mg/Kg		
X7-WTR1-CB-SOCW005-0001	03/17/2014 15:30:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.029	0.0082	mg/Kg		
X7-WTR1-CB-SOCW005-0001	03/17/2014 15:30:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.071	0.0082	mg/Kg		
X7-WTR1-CC-SOCW006-0001	03/17/2014 15:35:00	8270C_LL_PAH	Benzo[a]anthracene	0.079	0.0082	mg/Kg		0.160888
X7-WTR1-CC-SOCW006-0001	03/17/2014 15:35:00	8270C_LL_PAH	Benzo[a]pyrene	0.11	0.0082	mg/Kg		
X7-WTR1-CC-SOCW006-0001	03/17/2014 15:35:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.14	0.0082	mg/Kg	M	
X7-WTR1-CC-SOCW006-0001	03/17/2014 15:35:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.07	0.0082	mg/Kg	M	
X7-WTR1-CC-SOCW006-0001	03/17/2014 15:35:00	8270C_LL_PAH	Chrysene	0.088	0.0082	mg/Kg		
X7-WTR1-CC-SOCW006-0001	03/17/2014 15:35:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.023	0.0082	mg/Kg		
X7-WTR1-CC-SOCW006-0001	03/17/2014 15:35:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.052	0.0082	mg/Kg		
X7-WTR1-DA-SOCW007-0001	03/17/2014 15:45:00	8270C_LL_PAH	Benzo[a]anthracene	0.12	0.0084	mg/Kg		0.23606
X7-WTR1-DA-SOCW007-0001	03/17/2014 15:45:00	8270C_LL_PAH	Benzo[a]pyrene	0.16	0.0084	mg/Kg		
X7-WTR1-DA-SOCW007-0001	03/17/2014 15:45:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.23	0.0084	mg/Kg	M	
X7-WTR1-DA-SOCW007-0001	03/17/2014 15:45:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.082	0.0084	mg/Kg	M	
X7-WTR1-DA-SOCW007-0001	03/17/2014 15:45:00	8270C_LL_PAH	Chrysene	0.14	0.0084	mg/Kg		
X7-WTR1-DA-SOCW007-0001	03/17/2014 15:45:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.033	0.0084	mg/Kg		
X7-WTR1-DA-SOCW007-0001	03/17/2014 15:45:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.071	0.0084	mg/Kg		

TABLE 3-5

WEST TRAP RANGE SOIL BaP EQUIVALENT CONCENTRATIONS - WALL AND FLOOR CONFIRMATION SAMPLES  
UXO 7 IM SOIL REMOVAL CONFIRMATION SAMPLING  
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SAMPLE NAME	SAMPLE DATE	METHOD	ANALYTE	Result	RL	UNITS	ANOTE	BAP EQUIVALENT
X7-WTR1-DB-SOCW008-0001	03/17/2014 15:50:00	8270C_LL_PAH	Benzo[a]anthracene	0.066	0.0081	mg/Kg		0.146649
X7-WTR1-DB-SOCW008-0001	03/17/2014 15:50:00	8270C_LL_PAH	Benzo[a]pyrene	0.1	0.0081	mg/Kg		
X7-WTR1-DB-SOCW008-0001	03/17/2014 15:50:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.11	0.0081	mg/Kg	M	
X7-WTR1-DB-SOCW008-0001	03/17/2014 15:50:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.056	0.0081	mg/Kg	M	
X7-WTR1-DB-SOCW008-0001	03/17/2014 15:50:00	8270C_LL_PAH	Chrysene	0.089	0.0081	mg/Kg		
X7-WTR1-DB-SOCW008-0001	03/17/2014 15:50:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.021	0.0081	mg/Kg		
X7-WTR1-DB-SOCW008-0001	03/17/2014 15:50:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.074	0.0081	mg/Kg		
X7-WTR1-EA-SOCW009-0001	03/17/2014 15:55:00	8270C_LL_PAH	Benzo[a]anthracene	0.7	0.081	mg/Kg		1.5978
X7-WTR1-EA-SOCW009-0001	03/17/2014 15:55:00	8270C_LL_PAH	Benzo[a]pyrene	1.1	0.081	mg/Kg		
X7-WTR1-EA-SOCW009-0001	03/17/2014 15:55:00	8270C_LL_PAH	Benzo[b]fluoranthene	1.5	0.081	mg/Kg	M	
X7-WTR1-EA-SOCW009-0001	03/17/2014 15:55:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.47	0.081	mg/Kg	M	
X7-WTR1-EA-SOCW009-0001	03/17/2014 15:55:00	8270C_LL_PAH	Chrysene	1.1	0.081	mg/Kg		
X7-WTR1-EA-SOCW009-0001	03/17/2014 15:55:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.22	0.081	mg/Kg		
X7-WTR1-EA-SOCW009-0001	03/17/2014 15:55:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.52	0.081	mg/Kg		
X7-WTR1-G-SOCF007	03/17/2014 14:30:00	8270C_LL_PAH	Benzo[a]anthracene	0.016	0.0081	mg/Kg		0.033559
X7-WTR1-G-SOCF007	03/17/2014 14:30:00	8270C_LL_PAH	Benzo[a]pyrene	0.023	0.0081	mg/Kg		
X7-WTR1-G-SOCF007	03/17/2014 14:30:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.03	0.0081	mg/Kg	M	
X7-WTR1-G-SOCF007	03/17/2014 14:30:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.014	0.0081	mg/Kg		
X7-WTR1-G-SOCF007	03/17/2014 14:30:00	8270C_LL_PAH	Chrysene	0.019	0.0081	mg/Kg		
X7-WTR1-G-SOCF007	03/17/2014 14:30:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0047	0.0081	mg/Kg	J	
X7-WTR1-G-SOCF007	03/17/2014 14:30:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.011	0.0081	mg/Kg		
X7-WTR1-H-SOCF008	03/17/2014 14:30:00	8270C_LL_PAH	Benzo[a]anthracene	0.022	0.0082	mg/Kg		0.045077
X7-WTR1-H-SOCF008	03/17/2014 14:30:00	8270C_LL_PAH	Benzo[a]pyrene	0.03	0.0082	mg/Kg		
X7-WTR1-H-SOCF008	03/17/2014 14:30:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.042	0.0082	mg/Kg	M	
X7-WTR1-H-SOCF008	03/17/2014 14:30:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.015	0.0082	mg/Kg	M	
X7-WTR1-H-SOCF008	03/17/2014 14:30:00	8270C_LL_PAH	Chrysene	0.027	0.0082	mg/Kg		
X7-WTR1-H-SOCF008	03/17/2014 14:30:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0066	0.0082	mg/Kg	J	
X7-WTR1-H-SOCF008	03/17/2014 14:30:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.019	0.0082	mg/Kg		
X7-WTR1-I-SOCF009	03/17/2014 14:35:00	8270C_LL_PAH	Benzo[a]anthracene	0.032	0.0082	mg/Kg		0.066889
X7-WTR1-I-SOCF009	03/17/2014 14:35:00	8270C_LL_PAH	Benzo[a]pyrene	0.045	0.0082	mg/Kg		
X7-WTR1-I-SOCF009	03/17/2014 14:35:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.06	0.0082	mg/Kg	M	
X7-WTR1-I-SOCF009	03/17/2014 14:35:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.025	0.0082	mg/Kg	M	
X7-WTR1-I-SOCF009	03/17/2014 14:35:00	8270C_LL_PAH	Chrysene	0.039	0.0082	mg/Kg		
X7-WTR1-I-SOCF009	03/17/2014 14:35:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.01	0.0082	mg/Kg		
X7-WTR1-I-SOCF009	03/17/2014 14:35:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.024	0.0082	mg/Kg		
X7-WTR2-AA-SOCW001-0002	03/17/2014 16:30:00	8270C_LL_PAH	Benzo[a]anthracene	0.084	0.008	mg/Kg		0.19079
X7-WTR2-AA-SOCW001-0002	03/17/2014 16:30:00	8270C_LL_PAH	Benzo[a]pyrene	0.13	0.008	mg/Kg		
X7-WTR2-AA-SOCW001-0002	03/17/2014 16:30:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.18	0.008	mg/Kg	M	
X7-WTR2-AA-SOCW001-0002	03/17/2014 16:30:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.078	0.008	mg/Kg	M	
X7-WTR2-AA-SOCW001-0002	03/17/2014 16:30:00	8270C_LL_PAH	Chrysene	0.11	0.008	mg/Kg		
X7-WTR2-AA-SOCW001-0002	03/17/2014 16:30:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.027	0.008	mg/Kg		
X7-WTR2-AA-SOCW001-0002	03/17/2014 16:30:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.065	0.008	mg/Kg		

TABLE 3-5

WEST TRAP RANGE SOIL BaP EQUIVALENT CONCENTRATIONS - WALL AND FLOOR CONFIRMATION SAMPLES  
UXO 7 IM SOIL REMOVAL CONFIRMATION SAMPLING  
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SAMPLE NAME	SAMPLE DATE	METHOD	ANALYTE	Result	RL	UNITS	ANOTE	BAP EQUIVALENT
X7-WTR2-BA-SOCW002-0002	03/17/2014 16:35:00	8270C_LL_PAH	Benzo[a]anthracene	0.004	0.008	mg/Kg	U	0.009198
X7-WTR2-BA-SOCW002-0002	03/17/2014 16:35:00	8270C_LL_PAH	Benzo[a]pyrene	0.0038	0.008	mg/Kg	J	
X7-WTR2-BA-SOCW002-0002	03/17/2014 16:35:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.0057	0.008	mg/Kg	J M	
X7-WTR2-BA-SOCW002-0002	03/17/2014 16:35:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0024	0.008	mg/Kg	U M	
X7-WTR2-BA-SOCW002-0002	03/17/2014 16:35:00	8270C_LL_PAH	Chrysene	0.004	0.008	mg/Kg	U	
X7-WTR2-BA-SOCW002-0002	03/17/2014 16:35:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.004	0.008	mg/Kg	U	
X7-WTR2-BA-SOCW002-0002	03/17/2014 16:35:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.004	0.008	mg/Kg	U	
X7-WTR2-CA-SOCW003-0102	03/17/2014 16:40:00	8270C_LL_PAH	Benzo[a]anthracene	0.004	0.0082	mg/Kg	U	0.006729
X7-WTR2-CA-SOCW003-0102	03/17/2014 16:40:00	8270C_LL_PAH	Benzo[a]pyrene	0.0015	0.0082	mg/Kg	U	
X7-WTR2-CA-SOCW003-0102	03/17/2014 16:40:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.004	0.0082	mg/Kg	U	
X7-WTR2-CA-SOCW003-0102	03/17/2014 16:40:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0025	0.0082	mg/Kg	U	
X7-WTR2-CA-SOCW003-0102	03/17/2014 16:40:00	8270C_LL_PAH	Chrysene	0.004	0.0082	mg/Kg	U	
X7-WTR2-CA-SOCW003-0102	03/17/2014 16:40:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.004	0.0082	mg/Kg	U	
X7-WTR2-CA-SOCW003-0102	03/17/2014 16:40:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.004	0.0082	mg/Kg	U	
X7-WTR2-DA-SOCW004-0102	03/17/2014 16:45:00	8270C_LL_PAH	Benzo[a]anthracene	0.0059	0.008	mg/Kg	J	0.0159853
X7-WTR2-DA-SOCW004-0102	03/17/2014 16:45:00	8270C_LL_PAH	Benzo[a]pyrene	0.0096	0.008	mg/Kg		
X7-WTR2-DA-SOCW004-0102	03/17/2014 16:45:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.012	0.008	mg/Kg		
X7-WTR2-DA-SOCW004-0102	03/17/2014 16:45:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0037	0.008	mg/Kg	J M	
X7-WTR2-DA-SOCW004-0102	03/17/2014 16:45:00	8270C_LL_PAH	Chrysene	0.0083	0.008	mg/Kg		
X7-WTR2-DA-SOCW004-0102	03/17/2014 16:45:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.004	0.008	mg/Kg	U	
X7-WTR2-DA-SOCW004-0102	03/17/2014 16:45:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0055	0.008	mg/Kg	J	
X7-WTR2-A-SOCF001	03/17/2014 14:40:00	8270C_LL_PAH	Benzo[a]anthracene	0.0039	0.008	mg/Kg	U	0.0064979
X7-WTR2-A-SOCF001	03/17/2014 14:40:00	8270C_LL_PAH	Benzo[a]pyrene	0.0014	0.008	mg/Kg	U	
X7-WTR2-A-SOCF001	03/17/2014 14:40:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.0039	0.008	mg/Kg	U	
X7-WTR2-A-SOCF001	03/17/2014 14:40:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0024	0.008	mg/Kg	U	
X7-WTR2-A-SOCF001	03/17/2014 14:40:00	8270C_LL_PAH	Chrysene	0.0039	0.008	mg/Kg	U	
X7-WTR2-A-SOCF001	03/17/2014 14:40:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0039	0.008	mg/Kg	U	
X7-WTR2-A-SOCF001	03/17/2014 14:40:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0039	0.008	mg/Kg	U	
X7-WTR3-AA-SOCW001-0102	03/17/2014 16:50:00	8270C_LL_PAH	Benzo[a]anthracene	0.12	0.0085	mg/Kg		0.26668
X7-WTR3-AA-SOCW001-0102	03/17/2014 16:50:00	8270C_LL_PAH	Benzo[a]pyrene	0.19	0.0085	mg/Kg		
X7-WTR3-AA-SOCW001-0102	03/17/2014 16:50:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.24	0.0085	mg/Kg		
X7-WTR3-AA-SOCW001-0102	03/17/2014 16:50:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.082	0.0085	mg/Kg	M	
X7-WTR3-AA-SOCW001-0102	03/17/2014 16:50:00	8270C_LL_PAH	Chrysene	0.16	0.0085	mg/Kg		
X7-WTR3-AA-SOCW001-0102	03/17/2014 16:50:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.031	0.0085	mg/Kg		
X7-WTR3-AA-SOCW001-0102	03/17/2014 16:50:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.087	0.0085	mg/Kg		
X7-WTR3-BA-SOCW002-0102	03/17/2014 16:55:00	8270C_LL_PAH	Benzo[a]anthracene	0.0041	0.0082	mg/Kg	U	0.0076599
X7-WTR3-BA-SOCW002-0102	03/17/2014 16:55:00	8270C_LL_PAH	Benzo[a]pyrene	0.0023	0.0082	mg/Kg	J	
X7-WTR3-BA-SOCW002-0102	03/17/2014 16:55:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.0041	0.0082	mg/Kg	U	
X7-WTR3-BA-SOCW002-0102	03/17/2014 16:55:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0025	0.0082	mg/Kg	U	
X7-WTR3-BA-SOCW002-0102	03/17/2014 16:55:00	8270C_LL_PAH	Chrysene	0.0049	0.0082	mg/Kg	J	
X7-WTR3-BA-SOCW002-0102	03/17/2014 16:55:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0041	0.0082	mg/Kg	U	
X7-WTR3-BA-SOCW002-0102	03/17/2014 16:55:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0041	0.0082	mg/Kg	U	

TABLE 3-5

WEST TRAP RANGE SOIL BaP EQUIVALENT CONCENTRATIONS - WALL AND FLOOR CONFIRMATION SAMPLES  
 UXO 7 IM SOIL REMOVAL CONFIRMATION SAMPLING  
 NSA CRANE, INDIANA  
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SAMPLE NAME	SAMPLE DATE	METHOD	ANALYTE	Result	RL	UNITS	ANOTE	BAP EQUIVALENT
X7-WTR3-CA-SOCW003-0102	03/17/2014 17:05:00	8270C_LL_PAH	Benzo[a]anthracene	0.004	0.0081	mg/Kg	U	0.006628
X7-WTR3-CA-SOCW003-0102	03/17/2014 17:05:00	8270C_LL_PAH	Benzo[a]pyrene	0.0014	0.0081	mg/Kg	U	
X7-WTR3-CA-SOCW003-0102	03/17/2014 17:05:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.004	0.0081	mg/Kg	U	
X7-WTR3-CA-SOCW003-0102	03/17/2014 17:05:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0024	0.0081	mg/Kg	U J	
X7-WTR3-CA-SOCW003-0102	03/17/2014 17:05:00	8270C_LL_PAH	Chrysene	0.004	0.0081	mg/Kg	U	
X7-WTR3-CA-SOCW003-0102	03/17/2014 17:05:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.004	0.0081	mg/Kg	U	
X7-WTR3-CA-SOCW003-0102	03/17/2014 17:05:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.004	0.0081	mg/Kg	U	
X7-WTR3-DA-SOCW004-0102	03/17/2014 17:10:00	8270C_LL_PAH	Benzo[a]anthracene	0.004	0.0081	mg/Kg	U	0.007228
X7-WTR3-DA-SOCW004-0102	03/17/2014 17:10:00	8270C_LL_PAH	Benzo[a]pyrene	0.002	0.0081	mg/Kg	J	
X7-WTR3-DA-SOCW004-0102	03/17/2014 17:10:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.004	0.0081	mg/Kg	U	
X7-WTR3-DA-SOCW004-0102	03/17/2014 17:10:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0024	0.0081	mg/Kg	U	
X7-WTR3-DA-SOCW004-0102	03/17/2014 17:10:00	8270C_LL_PAH	Chrysene	0.004	0.0081	mg/Kg	U	
X7-WTR3-DA-SOCW004-0102	03/17/2014 17:10:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.004	0.0081	mg/Kg	U	
X7-WTR3-DA-SOCW004-0102	03/17/2014 17:10:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.004	0.0081	mg/Kg	U	
X7-WTR3-A-SOCF001	03/17/2014 14:40:00	8270C_LL_PAH	Benzo[a]anthracene	0.004	0.0082	mg/Kg	U	0.006728
X7-WTR3-A-SOCF001	03/17/2014 14:40:00	8270C_LL_PAH	Benzo[a]pyrene	0.0015	0.0082	mg/Kg	U	
X7-WTR3-A-SOCF001	03/17/2014 14:40:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.004	0.0082	mg/Kg	U	
X7-WTR3-A-SOCF001	03/17/2014 14:40:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0024	0.0082	mg/Kg	U	
X7-WTR3-A-SOCF001	03/17/2014 14:40:00	8270C_LL_PAH	Chrysene	0.004	0.0082	mg/Kg	U	
X7-WTR3-A-SOCF001	03/17/2014 14:40:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.004	0.0082	mg/Kg	U	
X7-WTR3-A-SOCF001	03/17/2014 14:40:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.004	0.0082	mg/Kg	U	
X7-WTR4-AA-SOCW001-0102	03/17/2014 17:15:00	8270C_LL_PAH	Benzo[a]anthracene	0.004	0.008	mg/Kg	U	0.006628
X7-WTR4-AA-SOCW001-0102	03/17/2014 17:15:00	8270C_LL_PAH	Benzo[a]pyrene	0.0014	0.008	mg/Kg	U	
X7-WTR4-AA-SOCW001-0102	03/17/2014 17:15:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.004	0.008	mg/Kg	U	
X7-WTR4-AA-SOCW001-0102	03/17/2014 17:15:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0024	0.008	mg/Kg	U	
X7-WTR4-AA-SOCW001-0102	03/17/2014 17:15:00	8270C_LL_PAH	Chrysene	0.004	0.008	mg/Kg	U	
X7-WTR4-AA-SOCW001-0102	03/17/2014 17:15:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.004	0.008	mg/Kg	U	
X7-WTR4-AA-SOCW001-0102	03/17/2014 17:15:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.004	0.008	mg/Kg	U	
X7-WTR4-BA-SOCW002-0102	03/17/2014 17:20:00	8270C_LL_PAH	Benzo[a]anthracene	0.0039	0.008	mg/Kg	U	0.0064979
X7-WTR4-BA-SOCW002-0102	03/17/2014 17:20:00	8270C_LL_PAH	Benzo[a]pyrene	0.0014	0.008	mg/Kg	U	
X7-WTR4-BA-SOCW002-0102	03/17/2014 17:20:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.0039	0.008	mg/Kg	U	
X7-WTR4-BA-SOCW002-0102	03/17/2014 17:20:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0024	0.008	mg/Kg	U	
X7-WTR4-BA-SOCW002-0102	03/17/2014 17:20:00	8270C_LL_PAH	Chrysene	0.0039	0.008	mg/Kg	U	
X7-WTR4-BA-SOCW002-0102	03/17/2014 17:20:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0039	0.008	mg/Kg	U	
X7-WTR4-BA-SOCW002-0102	03/17/2014 17:20:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0039	0.008	mg/Kg	U	
X7-WTR4-CA-SOCW003-0102	03/17/2014 17:25:00	8270C_LL_PAH	Benzo[a]anthracene	0.26	0.0089	mg/Kg		0.54224
X7-WTR4-CA-SOCW003-0102	03/17/2014 17:25:00	8270C_LL_PAH	Benzo[a]pyrene	0.38	0.0089	mg/Kg		
X7-WTR4-CA-SOCW003-0102	03/17/2014 17:25:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.51	0.0089	mg/Kg		
X7-WTR4-CA-SOCW003-0102	03/17/2014 17:25:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.19	0.0089	mg/Kg	M	
X7-WTR4-CA-SOCW003-0102	03/17/2014 17:25:00	8270C_LL_PAH	Chrysene	0.34	0.0089	mg/Kg		
X7-WTR4-CA-SOCW003-0102	03/17/2014 17:25:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.067	0.0089	mg/Kg		
X7-WTR4-CA-SOCW003-0102	03/17/2014 17:25:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.16	0.0089	mg/Kg		

TABLE 3-5

WEST TRAP RANGE SOIL BaP EQUIVALENT CONCENTRATIONS - WALL AND FLOOR CONFIRMATION SAMPLES  
UXO 7 IM SOIL REMOVAL CONFIRMATION SAMPLING  
NSA CRANE, INDIANA  
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SAMPLE NAME	SAMPLE DATE	METHOD	ANALYTE	Result	RL	UNITS	ANOTE	BAP EQUIVALENT
X7-WTR4-DA-SOCW004-0102	03/17/2014 17:30:00	8270C_LL_PAH	Benzo[a]anthracene	0.011	0.008	mg/Kg		0.02397
X7-WTR4-DA-SOCW004-0102	03/17/2014 17:30:00	8270C_LL_PAH	Benzo[a]pyrene	0.016	0.008	mg/Kg		
X7-WTR4-DA-SOCW004-0102	03/17/2014 17:30:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.02	0.008	mg/Kg		
X7-WTR4-DA-SOCW004-0102	03/17/2014 17:30:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0076	0.008	mg/Kg	J M	
X7-WTR4-DA-SOCW004-0102	03/17/2014 17:30:00	8270C_LL_PAH	Chrysene	0.014	0.008	mg/Kg		
X7-WTR4-DA-SOCW004-0102	03/17/2014 17:30:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.004	0.008	mg/Kg	U	
X7-WTR4-DA-SOCW004-0102	03/17/2014 17:30:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0078	0.008	mg/Kg	J	
X7-WTR4-A-SOCF001	03/17/2014 14:45:00	8270C_LL_PAH	Benzo[a]anthracene	0.039	0.008	mg/Kg		0.082196
X7-WTR4-A-SOCF001	03/17/2014 14:45:00	8270C_LL_PAH	Benzo[a]pyrene	0.059	0.008	mg/Kg		
X7-WTR4-A-SOCF001	03/17/2014 14:45:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.071	0.008	mg/Kg		
X7-WTR4-A-SOCF001	03/17/2014 14:45:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.025	0.008	mg/Kg	M	
X7-WTR4-A-SOCF001	03/17/2014 14:45:00	8270C_LL_PAH	Chrysene	0.046	0.008	mg/Kg		
X7-WTR4-A-SOCF001	03/17/2014 14:45:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0092	0.008	mg/Kg		
X7-WTR4-A-SOCF001	03/17/2014 14:45:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.027	0.008	mg/Kg		
X7-WTR5-AA-SOCW001-0102	03/17/2014 17:35:00	8270C_LL_PAH	Benzo[a]anthracene	0.033	0.0083	mg/Kg		0.069544
X7-WTR5-AA-SOCW001-0102	03/17/2014 17:35:00	8270C_LL_PAH	Benzo[a]pyrene	0.049	0.0083	mg/Kg		
X7-WTR5-AA-SOCW001-0102	03/17/2014 17:35:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.071	0.0083	mg/Kg		
X7-WTR5-AA-SOCW001-0102	03/17/2014 17:35:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.02	0.0083	mg/Kg	M	
X7-WTR5-AA-SOCW001-0102	03/17/2014 17:35:00	8270C_LL_PAH	Chrysene	0.044	0.0083	mg/Kg		
X7-WTR5-AA-SOCW001-0102	03/17/2014 17:35:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0078	0.0083	mg/Kg	J	
X7-WTR5-AA-SOCW001-0102	03/17/2014 17:35:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.021	0.0083	mg/Kg		
X7-WTR5-BA-SOCW002-0102	03/17/2014 17:40:00	8270C_LL_PAH	Benzo[a]anthracene	0.0046	0.0081	mg/Kg	J	0.0113636
X7-WTR5-BA-SOCW002-0102	03/17/2014 17:40:00	8270C_LL_PAH	Benzo[a]pyrene	0.0056	0.0081	mg/Kg	J	
X7-WTR5-BA-SOCW002-0102	03/17/2014 17:40:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.0087	0.0081	mg/Kg		
X7-WTR5-BA-SOCW002-0102	03/17/2014 17:40:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0028	0.0081	mg/Kg	J	
X7-WTR5-BA-SOCW002-0102	03/17/2014 17:40:00	8270C_LL_PAH	Chrysene	0.0056	0.0081	mg/Kg	J	
X7-WTR5-BA-SOCW002-0102	03/17/2014 17:40:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.004	0.0081	mg/Kg	U	
X7-WTR5-BA-SOCW002-0102	03/17/2014 17:40:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.004	0.0081	mg/Kg	U	
X7-WTR5-CA-SOCW003-0102	03/17/2014 17:45:00	8270C_LL_PAH	Benzo[a]anthracene	0.18	0.0074	mg/Kg		0.31144
X7-WTR5-CA-SOCW003-0102	03/17/2014 17:45:00	8270C_LL_PAH	Benzo[a]pyrene	0.22	0.0074	mg/Kg		
X7-WTR5-CA-SOCW003-0102	03/17/2014 17:45:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.24	0.0074	mg/Kg	M	
X7-WTR5-CA-SOCW003-0102	03/17/2014 17:45:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.12	0.0074	mg/Kg	M	
X7-WTR5-CA-SOCW003-0102	03/17/2014 17:45:00	8270C_LL_PAH	Chrysene	0.24	0.0074	mg/Kg		
X7-WTR5-CA-SOCW003-0102	03/17/2014 17:45:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.036	0.0074	mg/Kg		
X7-WTR5-CA-SOCW003-0102	03/17/2014 17:45:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.12	0.0074	mg/Kg		
X7-WTR5-DA-SOCW004-0102	03/17/2014 17:50:00	8270C_LL_PAH	Benzo[a]anthracene	0.0055	0.0078	mg/Kg	J	0.0134848
X7-WTR5-DA-SOCW004-0102	03/17/2014 17:50:00	8270C_LL_PAH	Benzo[a]pyrene	0.0074	0.0078	mg/Kg	J	
X7-WTR5-DA-SOCW004-0102	03/17/2014 17:50:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.01	0.0078	mg/Kg		
X7-WTR5-DA-SOCW004-0102	03/17/2014 17:50:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0038	0.0078	mg/Kg	J	
X7-WTR5-DA-SOCW004-0102	03/17/2014 17:50:00	8270C_LL_PAH	Chrysene	0.0068	0.0078	mg/Kg	J	
X7-WTR5-DA-SOCW004-0102	03/17/2014 17:50:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0039	0.0078	mg/Kg	U	
X7-WTR5-DA-SOCW004-0102	03/17/2014 17:50:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0059	0.0078	mg/Kg	J	

TABLE 3-5

WEST TRAP RANGE SOIL BaP EQUIVALENT CONCENTRATIONS - WALL AND FLOOR CONFIRMATION SAMPLES  
UXO 7 IM SOIL REMOVAL CONFIRMATION SAMPLING  
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SAMPLE NAME	SAMPLE DATE	METHOD	ANALYTE	Result	RL	UNITS	ANOTE	BAP EQUIVALENT
X7-WTR5-A-SOCF001	03/17/2014 14:45:00	8270C_LL_PAH	Benzo[a]anthracene	0.0087	0.008	mg/Kg		0.0167314
X7-WTR5-A-SOCF001	03/17/2014 14:45:00	8270C_LL_PAH	Benzo[a]pyrene	0.01	0.008	mg/Kg		
X7-WTR5-A-SOCF001	03/17/2014 14:45:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.012	0.008	mg/Kg	M	
X7-WTR5-A-SOCF001	03/17/2014 14:45:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0052	0.008	mg/Kg	J M	
X7-WTR5-A-SOCF001	03/17/2014 14:45:00	8270C_LL_PAH	Chrysene	0.0094	0.008	mg/Kg		
X7-WTR5-A-SOCF001	03/17/2014 14:45:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0039	0.008	mg/Kg	U	
X7-WTR5-A-SOCF001	03/17/2014 14:45:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.007	0.008	mg/Kg	J	
X7-WTR6-AA-SOCW001-0102	03/17/2014 17:55:00	8270C_LL_PAH	Benzo[a]anthracene	0.004	0.0081	mg/Kg	U	0.006628
X7-WTR6-AA-SOCW001-0102	03/17/2014 17:55:00	8270C_LL_PAH	Benzo[a]pyrene	0.0014	0.0081	mg/Kg	U	
X7-WTR6-AA-SOCW001-0102	03/17/2014 17:55:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.004	0.0081	mg/Kg	U	
X7-WTR6-AA-SOCW001-0102	03/17/2014 17:55:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0024	0.0081	mg/Kg	U	
X7-WTR6-AA-SOCW001-0102	03/17/2014 17:55:00	8270C_LL_PAH	Chrysene	0.004	0.0081	mg/Kg	U	
X7-WTR6-AA-SOCW001-0102	03/17/2014 17:55:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.004	0.0081	mg/Kg	U	
X7-WTR6-AA-SOCW001-0102	03/17/2014 17:55:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.004	0.0081	mg/Kg	U	
X7-WTR6-BA-SOCW002-0002	03/17/2014 18:00:00	8270C_LL_PAH	Benzo[a]anthracene	0.17	0.0082	mg/Kg		0.33653
X7-WTR6-BA-SOCW002-0002	03/17/2014 18:00:00	8270C_LL_PAH	Benzo[a]pyrene	0.24	0.0082	mg/Kg		
X7-WTR6-BA-SOCW002-0002	03/17/2014 18:00:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.26	0.0082	mg/Kg	M	
X7-WTR6-BA-SOCW002-0002	03/17/2014 18:00:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.13	0.0082	mg/Kg	M	
X7-WTR6-BA-SOCW002-0002	03/17/2014 18:00:00	8270C_LL_PAH	Chrysene	0.23	0.0082	mg/Kg		
X7-WTR6-BA-SOCW002-0002	03/17/2014 18:00:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.039	0.0082	mg/Kg		
X7-WTR6-BA-SOCW002-0002	03/17/2014 18:00:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.13	0.0082	mg/Kg		
X7-WTR6-CA-SOCW003-0002	03/17/2014 18:05:00	8270C_LL_PAH	Benzo[a]anthracene	0.017	0.008	mg/Kg		0.034322
X7-WTR6-CA-SOCW003-0002	03/17/2014 18:05:00	8270C_LL_PAH	Benzo[a]pyrene	0.024	0.008	mg/Kg		
X7-WTR6-CA-SOCW003-0002	03/17/2014 18:05:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.03	0.008	mg/Kg	M	
X7-WTR6-CA-SOCW003-0002	03/17/2014 18:05:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.01	0.008	mg/Kg	M	
X7-WTR6-CA-SOCW003-0002	03/17/2014 18:05:00	8270C_LL_PAH	Chrysene	0.022	0.008	mg/Kg		
X7-WTR6-CA-SOCW003-0002	03/17/2014 18:05:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0039	0.008	mg/Kg	U	
X7-WTR6-CA-SOCW003-0002	03/17/2014 18:05:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.016	0.008	mg/Kg		
X7-WTR6-DA-SOCW004-0102	03/17/2014 18:10:00	8270C_LL_PAH	Benzo[a]anthracene	0.065	0.0082	mg/Kg		0.120654
X7-WTR6-DA-SOCW004-0102	03/17/2014 18:10:00	8270C_LL_PAH	Benzo[a]pyrene	0.086	0.0082	mg/Kg		
X7-WTR6-DA-SOCW004-0102	03/17/2014 18:10:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.1	0.0082	mg/Kg	M	
X7-WTR6-DA-SOCW004-0102	03/17/2014 18:10:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.037	0.0082	mg/Kg	M	
X7-WTR6-DA-SOCW004-0102	03/17/2014 18:10:00	8270C_LL_PAH	Chrysene	0.084	0.0082	mg/Kg		
X7-WTR6-DA-SOCW004-0102	03/17/2014 18:10:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.012	0.0082	mg/Kg		
X7-WTR6-DA-SOCW004-0102	03/17/2014 18:10:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.057	0.0082	mg/Kg		
X7-WTR6-A-SOCF001	03/17/2014 14:55:00	8270C_LL_PAH	Benzo[a]anthracene	0.011	0.0081	mg/Kg		0.018437
X7-WTR6-A-SOCF001	03/17/2014 14:55:00	8270C_LL_PAH	Benzo[a]pyrene	0.011	0.0081	mg/Kg		
X7-WTR6-A-SOCF001	03/17/2014 14:55:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.016	0.0081	mg/Kg	M	
X7-WTR6-A-SOCF001	03/17/2014 14:55:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0062	0.0081	mg/Kg	J M	
X7-WTR6-A-SOCF001	03/17/2014 14:55:00	8270C_LL_PAH	Chrysene	0.015	0.0081	mg/Kg		
X7-WTR6-A-SOCF001	03/17/2014 14:55:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.004	0.0081	mg/Kg	U	
X7-WTR6-A-SOCF001	03/17/2014 14:55:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0066	0.0081	mg/Kg	J	

TABLE 3-5

WEST TRAP RANGE SOIL BaP EQUIVALENT CONCENTRATIONS - WALL AND FLOOR CONFIRMATION SAMPLES  
 UXO 7 IM SOIL REMOVAL CONFIRMATION SAMPLING  
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SAMPLE NAME	SAMPLE DATE	METHOD	ANALYTE	Result	RL	UNITS	ANOTE	BAP EQUIVALENT
X7-WTR6-CB-SOCW005-0102	03/17/2014 18:10:00	8270C_LL_PAH	Benzo[a]anthracene	0.0046	0.0083	mg/Kg	J	0.0109708
X7-WTR6-CB-SOCW005-0102	03/17/2014 18:10:00	8270C_LL_PAH	Benzo[a]pyrene	0.0051	0.0083	mg/Kg	J	
X7-WTR6-CB-SOCW005-0102	03/17/2014 18:10:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.0087	0.0083	mg/Kg	M	
X7-WTR6-CB-SOCW005-0102	03/17/2014 18:10:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0025	0.0083	mg/Kg	U M	
X7-WTR6-CB-SOCW005-0102	03/17/2014 18:10:00	8270C_LL_PAH	Chrysene	0.0058	0.0083	mg/Kg	J	
X7-WTR6-CB-SOCW005-0102	03/17/2014 18:10:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0041	0.0083	mg/Kg	U	
X7-WTR6-CB-SOCW005-0102	03/17/2014 18:10:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0041	0.0083	mg/Kg	U	
X7-WTR2-AB-SOCW005-0002	03/17/2014 18:05:00	8270C_LL_PAH	Benzo[a]anthracene	0.044	0.008	mg/Kg		0.086907
X7-WTR2-AB-SOCW005-0002	03/17/2014 18:05:00	8270C_LL_PAH	Benzo[a]pyrene	0.062	0.008	mg/Kg		
X7-WTR2-AB-SOCW005-0002	03/17/2014 18:05:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.073	0.008	mg/Kg	M	
X7-WTR2-AB-SOCW005-0002	03/17/2014 18:05:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.035	0.008	mg/Kg	M	
X7-WTR2-AB-SOCW005-0002	03/17/2014 18:05:00	8270C_LL_PAH	Chrysene	0.057	0.008	mg/Kg		
X7-WTR2-AB-SOCW005-0002	03/17/2014 18:05:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.009	0.008	mg/Kg		
X7-WTR2-AB-SOCW005-0002	03/17/2014 18:05:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.038	0.008	mg/Kg		
X7-ETR7-A-SOCF001	03/18/2014 13:30:00	8270C_LL_PAH	Benzo[a]anthracene	0.0043	0.0088	mg/Kg	U	0.0074403
X7-ETR7-A-SOCF001	03/18/2014 13:30:00	8270C_LL_PAH	Benzo[a]pyrene	0.0018	0.0088	mg/Kg	J	
X7-ETR7-A-SOCF001	03/18/2014 13:30:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.0045	0.0088	mg/Kg	J	
X7-ETR7-A-SOCF001	03/18/2014 13:30:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0026	0.0088	mg/Kg	U M	
X7-ETR7-A-SOCF001	03/18/2014 13:30:00	8270C_LL_PAH	Chrysene	0.0043	0.0088	mg/Kg		
X7-ETR7-A-SOCF001	03/18/2014 13:30:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0043	0.0088	mg/Kg	U	
X7-ETR7-A-SOCF001	03/18/2014 13:30:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0043	0.0088	mg/Kg	U	
X7-WTR1-EA-SOCW015-0001	03/25/2014 09:00:00	8270C_LL_PAH	Benzo[a]anthracene	0.36	0.041	mg/Kg		0.77433
X7-WTR1-EA-SOCW015-0001	03/25/2014 09:00:00	8270C_LL_PAH	Benzo[a]pyrene	0.45	0.015	mg/Kg		
X7-WTR1-EA-SOCW015-0001	03/25/2014 09:00:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.67	0.041	mg/Kg	M	
X7-WTR1-EA-SOCW015-0001	03/25/2014 09:00:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.19	0.025	mg/Kg	M	
X7-WTR1-EA-SOCW015-0001	03/25/2014 09:00:00	8270C_LL_PAH	Chrysene	0.43	0.041	mg/Kg		
X7-WTR1-EA-SOCW015-0001	03/25/2014 09:00:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.2	0.041	mg/Kg	M	
X7-WTR1-EA-SOCW015-0001	03/25/2014 09:00:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.19	0.041	mg/Kg		
X7-WTR1-GA-SOCW016-0001	03/25/2014 09:15:00	8270C_LL_PAH	Benzo[a]anthracene	0.14	0.0041	mg/Kg		0.28277
X7-WTR1-GA-SOCW016-0001	03/25/2014 09:15:00	8270C_LL_PAH	Benzo[a]pyrene	0.19	0.0015	mg/Kg		
X7-WTR1-GA-SOCW016-0001	03/25/2014 09:15:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.26	0.0041	mg/Kg	M	
X7-WTR1-GA-SOCW016-0001	03/25/2014 09:15:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.1	0.0025	mg/Kg	M	
X7-WTR1-GA-SOCW016-0001	03/25/2014 09:15:00	8270C_LL_PAH	Chrysene	0.17	0.0041	mg/Kg		
X7-WTR1-GA-SOCW016-0001	03/25/2014 09:15:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.045	0.0041	mg/Kg		
X7-WTR1-GA-SOCW016-0001	03/25/2014 09:15:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.066	0.0041	mg/Kg		
X7-WTR1-HA-SOCW017-0001	03/25/2014 09:20:00	8270C_LL_PAH	Benzo[a]anthracene	0.93	0.042	mg/Kg		1.8348
X7-WTR1-HA-SOCW017-0001	03/25/2014 09:20:00	8270C_LL_PAH	Benzo[a]pyrene	1.2	0.015	mg/Kg		
X7-WTR1-HA-SOCW017-0001	03/25/2014 09:20:00	8270C_LL_PAH	Benzo[b]fluoranthene	1.7	0.042	mg/Kg	M	
X7-WTR1-HA-SOCW017-0001	03/25/2014 09:20:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.56	0.025	mg/Kg	M	
X7-WTR1-HA-SOCW017-0001	03/25/2014 09:20:00	8270C_LL_PAH	Chrysene	1.2	0.042	mg/Kg		
X7-WTR1-HA-SOCW017-0001	03/25/2014 09:20:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.32	0.042	mg/Kg		
X7-WTR1-HA-SOCW017-0001	03/25/2014 09:20:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.45	0.042	mg/Kg		

TABLE 3-5

WEST TRAP RANGE SOIL BaP EQUIVALENT CONCENTRATIONS - WALL AND FLOOR CONFIRMATION SAMPLES  
 UXO 7 IM SOIL REMOVAL CONFIRMATION SAMPLING  
 NSA CRANE, INDIANA  
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SAMPLE NAME	SAMPLE DATE	METHOD	ANALYTE	Result	RL	UNITS	ANOTE	BAP EQUIVALENT
X7-WTR1-HA-SOCW019-0001	04/01/2014 16:15:00	8270C_LL_PAH	Benzo[a]anthracene	0.052	0.0086	mg/Kg		0.082593
X7-WTR1-HA-SOCW019-0001	04/01/2014 16:15:00	8270C_LL_PAH	Benzo[a]pyrene	0.042	0.0086	mg/Kg		
X7-WTR1-HA-SOCW019-0001	04/01/2014 16:15:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.086	0.0086	mg/Kg		
X7-WTR1-HA-SOCW019-0001	04/01/2014 16:15:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.075	0.0086	mg/Kg		
X7-WTR1-HA-SOCW019-0001	04/01/2014 16:15:00	8270C_LL_PAH	Chrysene	0.073	0.0086	mg/Kg		
X7-WTR1-HA-SOCW019-0001	04/01/2014 16:15:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.025	0.0086	mg/Kg		
X7-WTR1-HA-SOCW019-0001	04/01/2014 16:15:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0097	0.0086	mg/Kg		
X7-WTR1-HB-SOCW020-0001	04/01/2014 16:20:00	8270C_LL_PAH	Benzo[a]anthracene	0.0042	0.0085	mg/Kg	U	0.0095706
X7-WTR1-HB-SOCW020-0001	04/01/2014 16:20:00	8270C_LL_PAH	Benzo[a]pyrene	0.0038	0.0085	mg/Kg	J	
X7-WTR1-HB-SOCW020-0001	04/01/2014 16:20:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.007	0.0085	mg/Kg	J	
X7-WTR1-HB-SOCW020-0001	04/01/2014 16:20:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0026	0.0085	mg/Kg	U	
X7-WTR1-HB-SOCW020-0001	04/01/2014 16:20:00	8270C_LL_PAH	Chrysene	0.0046	0.0085	mg/Kg	J	
X7-WTR1-HB-SOCW020-0001	04/01/2014 16:20:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0042	0.0085	mg/Kg	U	
X7-WTR1-HB-SOCW020-0001	04/01/2014 16:20:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0042	0.0085	mg/Kg	U	
X7-C-SA003	04/23/2014 14:30:00	8270C_LL_PAH	Benzo[a]anthracene	0.0046	0.0093	mg/Kg	U	0.0082126
X7-C-SA003	04/23/2014 14:30:00	8270C_LL_PAH	Benzo[a]pyrene	0.0022	0.0093	mg/Kg	J	
X7-C-SA003	04/23/2014 14:30:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.0046	0.0093	mg/Kg	U	
X7-C-SA003	04/23/2014 14:30:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0028	0.0093	mg/Kg	U	
X7-C-SA003	04/23/2014 14:30:00	8270C_LL_PAH	Chrysene	0.0046	0.0093	mg/Kg	U	
X7-C-SA003	04/23/2014 14:30:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0046	0.0093	mg/Kg	U	
X7-C-SA003	04/23/2014 14:30:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0046	0.0093	mg/Kg	U	

QUALIFIER

- J - Estimated: The analyte was positively identified; the quantitation is an estimation
- M - Manual integrated compound.
- U - Undetected at the Limit of Detection.

BaP Equivalent Concentrations in Trap Range Soil Samples	Total Residential Cancer Risk Levels
 $\geq 1.5$ mg/kg	$\geq 1 \times 10^{-4}$
 $\geq 0.15$ mg/kg to $< 1.5$ mg/kg	$\geq 1 \times 10^{-5}$ to $< 1 \times 10^{-4}$
 $\geq 0.015$ mg/kg to $< 0.15$ mg/kg	$\geq 1 \times 10^{-6}$ to $< 1 \times 10^{-5}$
 $< 0.015$ mg/kg	$< 1 \times 10^{-6}$

TABLE 3-6

**WEST TRAP RANGE BaP EQUIVALENT SOIL CONCENTRATIONS FOR WALLS/FLOORS AT LIMITS OF EXCAVATION  
UXO 7 IM SOIL REMOVAL  
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SAMPLE NAME	SAMPLE DATE	METHOD	ANALYTE	Result	RL	UNITS	ANOTE	BAP EQUIVALENT
X7-WTR1-AA-SOCW001-0001	03/17/2014 15:10:00	8270C_LL_PAH	Benzo[a]anthracene	0.0042	0.0086	mg/Kg	U	0.0086202
X7-WTR1-AA-SOCW001-0001	03/17/2014 15:10:00	8270C_LL_PAH	Benzo[a]pyrene	0.0031	0.0086	mg/Kg	J	
X7-WTR1-AA-SOCW001-0001	03/17/2014 15:10:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.0045	0.0086	mg/Kg	J M	
X7-WTR1-AA-SOCW001-0001	03/17/2014 15:10:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0026	0.0086	mg/Kg	U M	
X7-WTR1-AA-SOCW001-0001	03/17/2014 15:10:00	8270C_LL_PAH	Chrysene	0.0042	0.0086	mg/Kg	U	
X7-WTR1-AA-SOCW001-0001	03/17/2014 15:10:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0042	0.0086	mg/Kg	U	
X7-WTR1-AA-SOCW001-0001	03/17/2014 15:10:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0042	0.0086	mg/Kg	U	
X7-WTR1-EB-SOCW010-0001	03/17/2014 16:00:00	8270C_LL_PAH	Benzo[a]anthracene	0.038	0.0078	mg/Kg		0.079926
X7-WTR1-EB-SOCW010-0001	03/17/2014 16:00:00	8270C_LL_PAH	Benzo[a]pyrene	0.055	0.0078	mg/Kg		
X7-WTR1-EB-SOCW010-0001	03/17/2014 16:00:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.067	0.0078	mg/Kg	M	
X7-WTR1-EB-SOCW010-0001	03/17/2014 16:00:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.038	0.0078	mg/Kg	M	
X7-WTR1-EB-SOCW010-0001	03/17/2014 16:00:00	8270C_LL_PAH	Chrysene	0.046	0.0078	mg/Kg		
X7-WTR1-EB-SOCW010-0001	03/17/2014 16:00:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.011	0.0078	mg/Kg		
X7-WTR1-EB-SOCW010-0001	03/17/2014 16:00:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.03	0.0078	mg/Kg		
X7-WTR1-FA-SOCW011-0001	03/17/2014 16:05:00	8270C_LL_PAH	Benzo[a]anthracene	0.11	0.0075	mg/Kg		0.26712
X7-WTR1-FA-SOCW011-0001	03/17/2014 16:05:00	8270C_LL_PAH	Benzo[a]pyrene	0.18	0.0075	mg/Kg		
X7-WTR1-FA-SOCW011-0001	03/17/2014 16:05:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.22	0.0075	mg/Kg	M	
X7-WTR1-FA-SOCW011-0001	03/17/2014 16:05:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.096	0.0075	mg/Kg	M	
X7-WTR1-FA-SOCW011-0001	03/17/2014 16:05:00	8270C_LL_PAH	Chrysene	0.16	0.0075	mg/Kg		
X7-WTR1-FA-SOCW011-0001	03/17/2014 16:05:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.041	0.0075	mg/Kg		
X7-WTR1-FA-SOCW011-0001	03/17/2014 16:05:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.12	0.0075	mg/Kg		
X7-WTR1-A-SOCF001	03/17/2014 14:00:00	8270C_LL_PAH	Benzo[a]anthracene	0.0053	0.008	mg/Kg	J	0.0135632
X7-WTR1-A-SOCF001	03/17/2014 14:00:00	8270C_LL_PAH	Benzo[a]pyrene	0.0076	0.008	mg/Kg	J	
X7-WTR1-A-SOCF001	03/17/2014 14:00:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.0094	0.008	mg/Kg	M	
X7-WTR1-A-SOCF001	03/17/2014 14:00:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0036	0.008	mg/Kg	J M	
X7-WTR1-A-SOCF001	03/17/2014 14:00:00	8270C_LL_PAH	Chrysene	0.0072	0.008	mg/Kg	J	
X7-WTR1-A-SOCF001	03/17/2014 14:00:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0039	0.008	mg/Kg	U	
X7-WTR1-A-SOCF001	03/17/2014 14:00:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0055	0.008	mg/Kg	J	
X7-WTR1-B-SOCF002	03/17/2014 14:05:00	8270C_LL_PAH	Benzo[a]anthracene	0.064	0.0085	mg/Kg		0.147133
X7-WTR1-B-SOCF002	03/17/2014 14:05:00	8270C_LL_PAH	Benzo[a]pyrene	0.099	0.0085	mg/Kg		
X7-WTR1-B-SOCF002	03/17/2014 14:05:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.13	0.0085	mg/Kg	M	
X7-WTR1-B-SOCF002	03/17/2014 14:05:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.034	0.0085	mg/Kg	M	
X7-WTR1-B-SOCF002	03/17/2014 14:05:00	8270C_LL_PAH	Chrysene	0.093	0.0085	mg/Kg		
X7-WTR1-B-SOCF002	03/17/2014 14:05:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.022	0.0085	mg/Kg		
X7-WTR1-B-SOCF002	03/17/2014 14:05:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.063	0.0085	mg/Kg		

TABLE 3-6

**WEST TRAP RANGE BaP EQUIVALENT SOIL CONCENTRATIONS FOR WALLS/FLOORS AT LIMITS OF EXCAVATION  
UXO 7 IM SOIL REMOVAL  
NSA CRANE, INDIANA  
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SAMPLE NAME	SAMPLE DATE	METHOD	ANALYTE	Result	RL	UNITS	ANOTE	BAP EQUIVALENT
X7-WTR1-C-SOCF003	03/17/2014 14:10:00	8270C_LL_PAH	Benzo[a]anthracene	0.0042	0.0084	mg/Kg	U	0.0088245
X7-WTR1-C-SOCF003	03/17/2014 14:10:00	8270C_LL_PAH	Benzo[a]pyrene	0.0033	0.0084	mg/Kg	J	
X7-WTR1-C-SOCF003	03/17/2014 14:10:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.0044	0.0084	mg/Kg	J M	
X7-WTR1-C-SOCF003	03/17/2014 14:10:00	8270C_LL_PAH	Benzo[g,h,i]perylene	0.0042	0.0084	mg/Kg	U	
X7-WTR1-C-SOCF003	03/17/2014 14:10:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0025	0.0084	mg/Kg	U M	
X7-WTR1-C-SOCF003	03/17/2014 14:10:00	8270C_LL_PAH	Chrysene	0.0042	0.0084	mg/Kg	U	
X7-WTR1-C-SOCF003	03/17/2014 14:10:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0042	0.0084	mg/Kg	U	
X7-WTR1-C-SOCF003	03/17/2014 14:10:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0042	0.0084	mg/Kg	U	
X7-WTR1-D-SOCF004	03/17/2014 14:10:00	8270C_LL_PAH	Benzo[a]anthracene	0.0048	0.0081	mg/Kg	J	0.0128399
X7-WTR1-D-SOCF004	03/17/2014 14:10:00	8270C_LL_PAH	Benzo[a]pyrene	0.007	0.0081	mg/Kg	J	
X7-WTR1-D-SOCF004	03/17/2014 14:10:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.0088	0.0081	mg/Kg	M	
X7-WTR1-D-SOCF004	03/17/2014 14:10:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0043	0.0081	mg/Kg	J M	
X7-WTR1-D-SOCF004	03/17/2014 14:10:00	8270C_LL_PAH	Chrysene	0.0069	0.0081	mg/Kg	J	
X7-WTR1-D-SOCF004	03/17/2014 14:10:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.004	0.0081	mg/Kg	U	
X7-WTR1-D-SOCF004	03/17/2014 14:10:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0043	0.0081	mg/Kg	J	
X7-WTR1-E-SOCF005	03/17/2014 14:15:00	8270C_LL_PAH	Benzo[a]anthracene	0.0071	0.0082	mg/Kg	J	0.016784
X7-WTR1-E-SOCF005	03/17/2014 14:15:00	8270C_LL_PAH	Benzo[a]pyrene	0.01	0.0082	mg/Kg		
X7-WTR1-E-SOCF005	03/17/2014 14:15:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.013	0.0082	mg/Kg	M	
X7-WTR1-E-SOCF005	03/17/2014 14:15:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0084	0.0082	mg/Kg	M	
X7-WTR1-E-SOCF005	03/17/2014 14:15:00	8270C_LL_PAH	Chrysene	0.01	0.0082	mg/Kg		
X7-WTR1-E-SOCF005	03/17/2014 14:15:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.004	0.0082	mg/Kg	U	
X7-WTR1-E-SOCF005	03/17/2014 14:15:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0068	0.0082	mg/Kg	J	
X7-WTR1-BA-SOCW002-0001	03/17/2014 15:15:00	8270C_LL_PAH	Benzo[a]anthracene	0.0065	0.0088	mg/Kg	J	0.014575
X7-WTR1-BA-SOCW002-0001	03/17/2014 15:15:00	8270C_LL_PAH	Benzo[a]pyrene	0.0079	0.0088	mg/Kg	J	
X7-WTR1-BA-SOCW002-0001	03/17/2014 15:15:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.012	0.0088	mg/Kg	M	
X7-WTR1-BA-SOCW002-0001	03/17/2014 15:15:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0054	0.0088	mg/Kg	J M	
X7-WTR1-BA-SOCW002-0001	03/17/2014 15:15:00	8270C_LL_PAH	Chrysene	0.011	0.0088	mg/Kg		
X7-WTR1-BA-SOCW002-0001	03/17/2014 15:15:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0043	0.0088	mg/Kg	U	
X7-WTR1-BA-SOCW002-0001	03/17/2014 15:15:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0046	0.0088	mg/Kg	J	
X7-WTR1-F-SOCF006	03/17/2014 14:20:00	8270C_LL_PAH	Benzo[a]anthracene	0.0087	0.008	mg/Kg		0.018131
X7-WTR1-F-SOCF006	03/17/2014 14:20:00	8270C_LL_PAH	Benzo[a]pyrene	0.011	0.008	mg/Kg		
X7-WTR1-F-SOCF006	03/17/2014 14:20:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.016	0.008	mg/Kg	M	
X7-WTR1-F-SOCF006	03/17/2014 14:20:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0058	0.008	mg/Kg	J M	
X7-WTR1-F-SOCF006	03/17/2014 14:20:00	8270C_LL_PAH	Chrysene	0.013	0.008	mg/Kg		
X7-WTR1-F-SOCF006	03/17/2014 14:20:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0039	0.008	mg/Kg	U	

TABLE 3-6

**WEST TRAP RANGE BaP EQUIVALENT SOIL CONCENTRATIONS FOR WALLS/FLOORS AT LIMITS OF EXCAVATION  
UXO 7 IM SOIL REMOVAL  
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SAMPLE NAME	SAMPLE DATE	METHOD	ANALYTE	Result	RL	UNITS	ANOTE	BAP EQUIVALENT
X7-WTR1-F-SOCF006	03/17/2014 14:20:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0069	0.008	mg/Kg	J	
X7-WTR1-BB-SOCW003-0001	03/17/2014 15:20:00	8270C_LL_PAH	Benzo[a]anthracene	0.016	0.0079	mg/Kg		0.031515
X7-WTR1-BB-SOCW003-0001	03/17/2014 15:20:00	8270C_LL_PAH	Benzo[a]pyrene	0.021	0.0079	mg/Kg		
X7-WTR1-BB-SOCW003-0001	03/17/2014 15:20:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.03	0.0079	mg/Kg	M	
X7-WTR1-BB-SOCW003-0001	03/17/2014 15:20:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0096	0.0079	mg/Kg	M	
X7-WTR1-BB-SOCW003-0001	03/17/2014 15:20:00	8270C_LL_PAH	Chrysene	0.019	0.0079	mg/Kg		
X7-WTR1-BB-SOCW003-0001	03/17/2014 15:20:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0046	0.0079	mg/Kg	J	
X7-WTR1-BB-SOCW003-0001	03/17/2014 15:20:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.012	0.0079	mg/Kg		
X7-WTR1-CA-SOCW004-0001	03/17/2014 15:25:00	8270C_LL_PAH	Benzo[a]anthracene	0.0084	0.0081	mg/Kg		0.0167276
X7-WTR1-CA-SOCW004-0001	03/17/2014 15:25:00	8270C_LL_PAH	Benzo[a]pyrene	0.0098	0.0081	mg/Kg		
X7-WTR1-CA-SOCW004-0001	03/17/2014 15:25:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.015	0.0081	mg/Kg	M	
X7-WTR1-CA-SOCW004-0001	03/17/2014 15:25:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0048	0.0081	mg/Kg	J M	
X7-WTR1-CA-SOCW004-0001	03/17/2014 15:25:00	8270C_LL_PAH	Chrysene	0.0096	0.0081	mg/Kg		
X7-WTR1-CA-SOCW004-0001	03/17/2014 15:25:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.004	0.0081	mg/Kg	U	
X7-WTR1-CA-SOCW004-0001	03/17/2014 15:25:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0053	0.0081	mg/Kg	J	
X7-WTR1-CB-SOCW005-0001	03/17/2014 15:30:00	8270C_LL_PAH	Benzo[a]anthracene	0.081	0.0082	mg/Kg		0.19395
X7-WTR1-CB-SOCW005-0001	03/17/2014 15:30:00	8270C_LL_PAH	Benzo[a]pyrene	0.13	0.0082	mg/Kg		
X7-WTR1-CB-SOCW005-0001	03/17/2014 15:30:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.19	0.0082	mg/Kg	M	
X7-WTR1-CB-SOCW005-0001	03/17/2014 15:30:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.062	0.0082	mg/Kg	M	
X7-WTR1-CB-SOCW005-0001	03/17/2014 15:30:00	8270C_LL_PAH	Chrysene	0.13	0.0082	mg/Kg		
X7-WTR1-CB-SOCW005-0001	03/17/2014 15:30:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.029	0.0082	mg/Kg		
X7-WTR1-CB-SOCW005-0001	03/17/2014 15:30:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.071	0.0082	mg/Kg		
X7-WTR1-CC-SOCW006-0001	03/17/2014 15:35:00	8270C_LL_PAH	Benzo[a]anthracene	0.079	0.0082	mg/Kg		0.160888
X7-WTR1-CC-SOCW006-0001	03/17/2014 15:35:00	8270C_LL_PAH	Benzo[a]pyrene	0.11	0.0082	mg/Kg		
X7-WTR1-CC-SOCW006-0001	03/17/2014 15:35:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.14	0.0082	mg/Kg	M	
X7-WTR1-CC-SOCW006-0001	03/17/2014 15:35:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.07	0.0082	mg/Kg	M	
X7-WTR1-CC-SOCW006-0001	03/17/2014 15:35:00	8270C_LL_PAH	Chrysene	0.088	0.0082	mg/Kg		
X7-WTR1-CC-SOCW006-0001	03/17/2014 15:35:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.023	0.0082	mg/Kg		
X7-WTR1-CC-SOCW006-0001	03/17/2014 15:35:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.052	0.0082	mg/Kg		
X7-WTR1-DA-SOCW007-0001	03/17/2014 15:45:00	8270C_LL_PAH	Benzo[a]anthracene	0.12	0.0084	mg/Kg		0.23606
X7-WTR1-DA-SOCW007-0001	03/17/2014 15:45:00	8270C_LL_PAH	Benzo[a]pyrene	0.16	0.0084	mg/Kg		
X7-WTR1-DA-SOCW007-0001	03/17/2014 15:45:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.23	0.0084	mg/Kg	M	
X7-WTR1-DA-SOCW007-0001	03/17/2014 15:45:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.082	0.0084	mg/Kg	M	
X7-WTR1-DA-SOCW007-0001	03/17/2014 15:45:00	8270C_LL_PAH	Chrysene	0.14	0.0084	mg/Kg		
X7-WTR1-DA-SOCW007-0001	03/17/2014 15:45:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.033	0.0084	mg/Kg		
X7-WTR1-DA-SOCW007-0001	03/17/2014 15:45:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.071	0.0084	mg/Kg		

TABLE 3-6

**WEST TRAP RANGE BaP EQUIVALENT SOIL CONCENTRATIONS FOR WALLS/FLOORS AT LIMITS OF EXCAVATION  
UXO 7 IM SOIL REMOVAL  
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SAMPLE NAME	SAMPLE DATE	METHOD	ANALYTE	Result	RL	UNITS	ANOTE	BAP EQUIVALENT
X7-WTR1-DB-SOCW008-0001	03/17/2014 15:50:00	8270C_LL_PAH	Benzo[a]anthracene	0.066	0.0081	mg/Kg		0.146649
X7-WTR1-DB-SOCW008-0001	03/17/2014 15:50:00	8270C_LL_PAH	Benzo[a]pyrene	0.1	0.0081	mg/Kg		
X7-WTR1-DB-SOCW008-0001	03/17/2014 15:50:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.11	0.0081	mg/Kg	M	
X7-WTR1-DB-SOCW008-0001	03/17/2014 15:50:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.056	0.0081	mg/Kg	M	
X7-WTR1-DB-SOCW008-0001	03/17/2014 15:50:00	8270C_LL_PAH	Chrysene	0.089	0.0081	mg/Kg		
X7-WTR1-DB-SOCW008-0001	03/17/2014 15:50:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.021	0.0081	mg/Kg		
X7-WTR1-DB-SOCW008-0001	03/17/2014 15:50:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.074	0.0081	mg/Kg		
X7-WTR1-G-SOCF007	03/17/2014 14:30:00	8270C_LL_PAH	Benzo[a]anthracene	0.016	0.0081	mg/Kg		0.033559
X7-WTR1-G-SOCF007	03/17/2014 14:30:00	8270C_LL_PAH	Benzo[a]pyrene	0.023	0.0081	mg/Kg		
X7-WTR1-G-SOCF007	03/17/2014 14:30:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.03	0.0081	mg/Kg	M	
X7-WTR1-G-SOCF007	03/17/2014 14:30:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.014	0.0081	mg/Kg		
X7-WTR1-G-SOCF007	03/17/2014 14:30:00	8270C_LL_PAH	Chrysene	0.019	0.0081	mg/Kg		
X7-WTR1-G-SOCF007	03/17/2014 14:30:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0047	0.0081	mg/Kg	J	
X7-WTR1-G-SOCF007	03/17/2014 14:30:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.011	0.0081	mg/Kg		
X7-WTR1-H-SOCF008	03/17/2014 14:30:00	8270C_LL_PAH	Benzo[a]anthracene	0.022	0.0082	mg/Kg		0.045077
X7-WTR1-H-SOCF008	03/17/2014 14:30:00	8270C_LL_PAH	Benzo[a]pyrene	0.03	0.0082	mg/Kg		
X7-WTR1-H-SOCF008	03/17/2014 14:30:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.042	0.0082	mg/Kg	M	
X7-WTR1-H-SOCF008	03/17/2014 14:30:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.015	0.0082	mg/Kg	M	
X7-WTR1-H-SOCF008	03/17/2014 14:30:00	8270C_LL_PAH	Chrysene	0.027	0.0082	mg/Kg		
X7-WTR1-H-SOCF008	03/17/2014 14:30:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0066	0.0082	mg/Kg	J	
X7-WTR1-H-SOCF008	03/17/2014 14:30:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.019	0.0082	mg/Kg		
X7-WTR1-I-SOCF009	03/17/2014 14:35:00	8270C_LL_PAH	Benzo[a]anthracene	0.032	0.0082	mg/Kg		0.066889
X7-WTR1-I-SOCF009	03/17/2014 14:35:00	8270C_LL_PAH	Benzo[a]pyrene	0.045	0.0082	mg/Kg		
X7-WTR1-I-SOCF009	03/17/2014 14:35:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.06	0.0082	mg/Kg	M	
X7-WTR1-I-SOCF009	03/17/2014 14:35:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.025	0.0082	mg/Kg	M	
X7-WTR1-I-SOCF009	03/17/2014 14:35:00	8270C_LL_PAH	Chrysene	0.039	0.0082	mg/Kg		
X7-WTR1-I-SOCF009	03/17/2014 14:35:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.01	0.0082	mg/Kg		
X7-WTR1-I-SOCF009	03/17/2014 14:35:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.024	0.0082	mg/Kg		
X7-WTR2-AA-SOCW001-0002	03/17/2014 16:30:00	8270C_LL_PAH	Benzo[a]anthracene	0.084	0.008	mg/Kg		0.19079
X7-WTR2-AA-SOCW001-0002	03/17/2014 16:30:00	8270C_LL_PAH	Benzo[a]pyrene	0.13	0.008	mg/Kg		
X7-WTR2-AA-SOCW001-0002	03/17/2014 16:30:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.18	0.008	mg/Kg	M	
X7-WTR2-AA-SOCW001-0002	03/17/2014 16:30:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.078	0.008	mg/Kg	M	
X7-WTR2-AA-SOCW001-0002	03/17/2014 16:30:00	8270C_LL_PAH	Chrysene	0.11	0.008	mg/Kg		
X7-WTR2-AA-SOCW001-0002	03/17/2014 16:30:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.027	0.008	mg/Kg		
X7-WTR2-AA-SOCW001-0002	03/17/2014 16:30:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.065	0.008	mg/Kg		

TABLE 3-6

**WEST TRAP RANGE BaP EQUIVALENT SOIL CONCENTRATIONS FOR WALLS/FLOORS AT LIMITS OF EXCAVATION  
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SAMPLE NAME	SAMPLE DATE	METHOD	ANALYTE	Result	RL	UNITS	ANOTE	BAP EQUIVALENT
X7-WTR2-BA-SOCW002-0002	03/17/2014 16:35:00	8270C_LL_PAH	Benzo[a]anthracene	0.004	0.008	mg/Kg	U	0.009198
X7-WTR2-BA-SOCW002-0002	03/17/2014 16:35:00	8270C_LL_PAH	Benzo[a]pyrene	0.0038	0.008	mg/Kg	J	
X7-WTR2-BA-SOCW002-0002	03/17/2014 16:35:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.0057	0.008	mg/Kg	J M	
X7-WTR2-BA-SOCW002-0002	03/17/2014 16:35:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0024	0.008	mg/Kg	U M	
X7-WTR2-BA-SOCW002-0002	03/17/2014 16:35:00	8270C_LL_PAH	Chrysene	0.004	0.008	mg/Kg	U	
X7-WTR2-BA-SOCW002-0002	03/17/2014 16:35:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.004	0.008	mg/Kg	U	
X7-WTR2-BA-SOCW002-0002	03/17/2014 16:35:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.004	0.008	mg/Kg	U	
X7-WTR2-CA-SOCW003-0102	03/17/2014 16:40:00	8270C_LL_PAH	Benzo[a]anthracene	0.004	0.0082	mg/Kg	U	0.006729
X7-WTR2-CA-SOCW003-0102	03/17/2014 16:40:00	8270C_LL_PAH	Benzo[a]pyrene	0.0015	0.0082	mg/Kg	U	
X7-WTR2-CA-SOCW003-0102	03/17/2014 16:40:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.004	0.0082	mg/Kg	U	
X7-WTR2-CA-SOCW003-0102	03/17/2014 16:40:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0025	0.0082	mg/Kg	U	
X7-WTR2-CA-SOCW003-0102	03/17/2014 16:40:00	8270C_LL_PAH	Chrysene	0.004	0.0082	mg/Kg	U	
X7-WTR2-CA-SOCW003-0102	03/17/2014 16:40:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.004	0.0082	mg/Kg	U	
X7-WTR2-CA-SOCW003-0102	03/17/2014 16:40:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.004	0.0082	mg/Kg	U	
X7-WTR2-DA-SOCW004-0102	03/17/2014 16:45:00	8270C_LL_PAH	Benzo[a]anthracene	0.0059	0.008	mg/Kg	J	0.0159853
X7-WTR2-DA-SOCW004-0102	03/17/2014 16:45:00	8270C_LL_PAH	Benzo[a]pyrene	0.0096	0.008	mg/Kg		
X7-WTR2-DA-SOCW004-0102	03/17/2014 16:45:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.012	0.008	mg/Kg		
X7-WTR2-DA-SOCW004-0102	03/17/2014 16:45:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0037	0.008	mg/Kg	J M	
X7-WTR2-DA-SOCW004-0102	03/17/2014 16:45:00	8270C_LL_PAH	Chrysene	0.0083	0.008	mg/Kg		
X7-WTR2-DA-SOCW004-0102	03/17/2014 16:45:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.004	0.008	mg/Kg	U	
X7-WTR2-DA-SOCW004-0102	03/17/2014 16:45:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0055	0.008	mg/Kg	J	
X7-WTR2-A-SOCF001	03/17/2014 14:40:00	8270C_LL_PAH	Benzo[a]anthracene	0.0039	0.008	mg/Kg	U	0.0064979
X7-WTR2-A-SOCF001	03/17/2014 14:40:00	8270C_LL_PAH	Benzo[a]pyrene	0.0014	0.008	mg/Kg	U	
X7-WTR2-A-SOCF001	03/17/2014 14:40:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.0039	0.008	mg/Kg	U	
X7-WTR2-A-SOCF001	03/17/2014 14:40:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0024	0.008	mg/Kg	U	
X7-WTR2-A-SOCF001	03/17/2014 14:40:00	8270C_LL_PAH	Chrysene	0.0039	0.008	mg/Kg	U	
X7-WTR2-A-SOCF001	03/17/2014 14:40:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0039	0.008	mg/Kg	U	
X7-WTR2-A-SOCF001	03/17/2014 14:40:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0039	0.008	mg/Kg	U	
X7-WTR3-AA-SOCW001-0102	03/17/2014 16:50:00	8270C_LL_PAH	Benzo[a]anthracene	0.12	0.0085	mg/Kg		0.26668
X7-WTR3-AA-SOCW001-0102	03/17/2014 16:50:00	8270C_LL_PAH	Benzo[a]pyrene	0.19	0.0085	mg/Kg		
X7-WTR3-AA-SOCW001-0102	03/17/2014 16:50:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.24	0.0085	mg/Kg		
X7-WTR3-AA-SOCW001-0102	03/17/2014 16:50:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.082	0.0085	mg/Kg	M	
X7-WTR3-AA-SOCW001-0102	03/17/2014 16:50:00	8270C_LL_PAH	Chrysene	0.16	0.0085	mg/Kg		
X7-WTR3-AA-SOCW001-0102	03/17/2014 16:50:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.031	0.0085	mg/Kg		
X7-WTR3-AA-SOCW001-0102	03/17/2014 16:50:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.087	0.0085	mg/Kg		

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**WEST TRAP RANGE BaP EQUIVALENT SOIL CONCENTRATIONS FOR WALLS/FLOORS AT LIMITS OF EXCAVATION  
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SAMPLE NAME	SAMPLE DATE	METHOD	ANALYTE	Result	RL	UNITS	ANOTE	BAP EQUIVALENT
X7-WTR3-BA-SOCW002-0102	03/17/2014 16:55:00	8270C_LL_PAH	Benzo[a]anthracene	0.0041	0.0082	mg/Kg	U	0.0076599
X7-WTR3-BA-SOCW002-0102	03/17/2014 16:55:00	8270C_LL_PAH	Benzo[a]pyrene	0.0023	0.0082	mg/Kg	J	
X7-WTR3-BA-SOCW002-0102	03/17/2014 16:55:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.0041	0.0082	mg/Kg	U	
X7-WTR3-BA-SOCW002-0102	03/17/2014 16:55:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0025	0.0082	mg/Kg	U	
X7-WTR3-BA-SOCW002-0102	03/17/2014 16:55:00	8270C_LL_PAH	Chrysene	0.0049	0.0082	mg/Kg	J	
X7-WTR3-BA-SOCW002-0102	03/17/2014 16:55:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0041	0.0082	mg/Kg	U	
X7-WTR3-BA-SOCW002-0102	03/17/2014 16:55:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0041	0.0082	mg/Kg	U	
X7-WTR3-CA-SOCW003-0102	03/17/2014 17:05:00	8270C_LL_PAH	Benzo[a]anthracene	0.004	0.0081	mg/Kg	U	0.006628
X7-WTR3-CA-SOCW003-0102	03/17/2014 17:05:00	8270C_LL_PAH	Benzo[a]pyrene	0.0014	0.0081	mg/Kg	U	
X7-WTR3-CA-SOCW003-0102	03/17/2014 17:05:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.004	0.0081	mg/Kg	U	
X7-WTR3-CA-SOCW003-0102	03/17/2014 17:05:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0024	0.0081	mg/Kg	U J	
X7-WTR3-CA-SOCW003-0102	03/17/2014 17:05:00	8270C_LL_PAH	Chrysene	0.004	0.0081	mg/Kg	U	
X7-WTR3-CA-SOCW003-0102	03/17/2014 17:05:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.004	0.0081	mg/Kg	U	
X7-WTR3-CA-SOCW003-0102	03/17/2014 17:05:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.004	0.0081	mg/Kg	U	
X7-WTR3-DA-SOCW004-0102	03/17/2014 17:10:00	8270C_LL_PAH	Benzo[a]anthracene	0.004	0.0081	mg/Kg	U	0.007228
X7-WTR3-DA-SOCW004-0102	03/17/2014 17:10:00	8270C_LL_PAH	Benzo[a]pyrene	0.002	0.0081	mg/Kg	J	
X7-WTR3-DA-SOCW004-0102	03/17/2014 17:10:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.004	0.0081	mg/Kg	U	
X7-WTR3-DA-SOCW004-0102	03/17/2014 17:10:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0024	0.0081	mg/Kg	U	
X7-WTR3-DA-SOCW004-0102	03/17/2014 17:10:00	8270C_LL_PAH	Chrysene	0.004	0.0081	mg/Kg	U	
X7-WTR3-DA-SOCW004-0102	03/17/2014 17:10:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.004	0.0081	mg/Kg	U	
X7-WTR3-DA-SOCW004-0102	03/17/2014 17:10:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.004	0.0081	mg/Kg	U	
X7-WTR3-A-SOCF001	03/17/2014 14:40:00	8270C_LL_PAH	Benzo[a]anthracene	0.004	0.0082	mg/Kg	U	0.006728
X7-WTR3-A-SOCF001	03/17/2014 14:40:00	8270C_LL_PAH	Benzo[a]pyrene	0.0015	0.0082	mg/Kg	U	
X7-WTR3-A-SOCF001	03/17/2014 14:40:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.004	0.0082	mg/Kg	U	
X7-WTR3-A-SOCF001	03/17/2014 14:40:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0024	0.0082	mg/Kg	U	
X7-WTR3-A-SOCF001	03/17/2014 14:40:00	8270C_LL_PAH	Chrysene	0.004	0.0082	mg/Kg	U	
X7-WTR3-A-SOCF001	03/17/2014 14:40:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.004	0.0082	mg/Kg	U	
X7-WTR3-A-SOCF001	03/17/2014 14:40:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.004	0.0082	mg/Kg	U	
X7-WTR4-AA-SOCW001-0102	03/17/2014 17:15:00	8270C_LL_PAH	Benzo[a]anthracene	0.004	0.008	mg/Kg	U	0.006628
X7-WTR4-AA-SOCW001-0102	03/17/2014 17:15:00	8270C_LL_PAH	Benzo[a]pyrene	0.0014	0.008	mg/Kg	U	
X7-WTR4-AA-SOCW001-0102	03/17/2014 17:15:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.004	0.008	mg/Kg	U	
X7-WTR4-AA-SOCW001-0102	03/17/2014 17:15:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0024	0.008	mg/Kg	U	
X7-WTR4-AA-SOCW001-0102	03/17/2014 17:15:00	8270C_LL_PAH	Chrysene	0.004	0.008	mg/Kg	U	
X7-WTR4-AA-SOCW001-0102	03/17/2014 17:15:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.004	0.008	mg/Kg	U	
X7-WTR4-AA-SOCW001-0102	03/17/2014 17:15:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.004	0.008	mg/Kg	U	

TABLE 3-6

**WEST TRAP RANGE BaP EQUIVALENT SOIL CONCENTRATIONS FOR WALLS/FLOORS AT LIMITS OF EXCAVATION  
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SAMPLE NAME	SAMPLE DATE	METHOD	ANALYTE	Result	RL	UNITS	ANOTE	BAP EQUIVALENT
X7-WTR4-BA-SOCW002-0102	03/17/2014 17:20:00	8270C_LL_PAH	Benzo[a]anthracene	0.0039	0.008	mg/Kg	U	0.0064979
X7-WTR4-BA-SOCW002-0102	03/17/2014 17:20:00	8270C_LL_PAH	Benzo[a]pyrene	0.0014	0.008	mg/Kg	U	
X7-WTR4-BA-SOCW002-0102	03/17/2014 17:20:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.0039	0.008	mg/Kg	U	
X7-WTR4-BA-SOCW002-0102	03/17/2014 17:20:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0024	0.008	mg/Kg	U	
X7-WTR4-BA-SOCW002-0102	03/17/2014 17:20:00	8270C_LL_PAH	Chrysene	0.0039	0.008	mg/Kg	U	
X7-WTR4-BA-SOCW002-0102	03/17/2014 17:20:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0039	0.008	mg/Kg	U	
X7-WTR4-BA-SOCW002-0102	03/17/2014 17:20:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0039	0.008	mg/Kg	U	
X7-WTR4-CA-SOCW003-0102	03/17/2014 17:25:00	8270C_LL_PAH	Benzo[a]anthracene	0.26	0.0089	mg/Kg		0.54224
X7-WTR4-CA-SOCW003-0102	03/17/2014 17:25:00	8270C_LL_PAH	Benzo[a]pyrene	0.38	0.0089	mg/Kg		
X7-WTR4-CA-SOCW003-0102	03/17/2014 17:25:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.51	0.0089	mg/Kg		
X7-WTR4-CA-SOCW003-0102	03/17/2014 17:25:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.19	0.0089	mg/Kg	M	
X7-WTR4-CA-SOCW003-0102	03/17/2014 17:25:00	8270C_LL_PAH	Chrysene	0.34	0.0089	mg/Kg		
X7-WTR4-CA-SOCW003-0102	03/17/2014 17:25:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.067	0.0089	mg/Kg		
X7-WTR4-CA-SOCW003-0102	03/17/2014 17:25:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.16	0.0089	mg/Kg		
X7-WTR4-DA-SOCW004-0102	03/17/2014 17:30:00	8270C_LL_PAH	Benzo[a]anthracene	0.011	0.008	mg/Kg		0.02397
X7-WTR4-DA-SOCW004-0102	03/17/2014 17:30:00	8270C_LL_PAH	Benzo[a]pyrene	0.016	0.008	mg/Kg		
X7-WTR4-DA-SOCW004-0102	03/17/2014 17:30:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.02	0.008	mg/Kg		
X7-WTR4-DA-SOCW004-0102	03/17/2014 17:30:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0076	0.008	mg/Kg	J M	
X7-WTR4-DA-SOCW004-0102	03/17/2014 17:30:00	8270C_LL_PAH	Chrysene	0.014	0.008	mg/Kg		
X7-WTR4-DA-SOCW004-0102	03/17/2014 17:30:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.004	0.008	mg/Kg	U	
X7-WTR4-DA-SOCW004-0102	03/17/2014 17:30:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0078	0.008	mg/Kg	J	
X7-WTR4-A-SOCF001	03/17/2014 14:45:00	8270C_LL_PAH	Benzo[a]anthracene	0.039	0.008	mg/Kg		0.082196
X7-WTR4-A-SOCF001	03/17/2014 14:45:00	8270C_LL_PAH	Benzo[a]pyrene	0.059	0.008	mg/Kg		
X7-WTR4-A-SOCF001	03/17/2014 14:45:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.071	0.008	mg/Kg		
X7-WTR4-A-SOCF001	03/17/2014 14:45:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.025	0.008	mg/Kg	M	
X7-WTR4-A-SOCF001	03/17/2014 14:45:00	8270C_LL_PAH	Chrysene	0.046	0.008	mg/Kg		
X7-WTR4-A-SOCF001	03/17/2014 14:45:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0092	0.008	mg/Kg		
X7-WTR4-A-SOCF001	03/17/2014 14:45:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.027	0.008	mg/Kg		
X7-WTR5-AA-SOCW001-0102	03/17/2014 17:35:00	8270C_LL_PAH	Benzo[a]anthracene	0.033	0.0083	mg/Kg		0.069544
X7-WTR5-AA-SOCW001-0102	03/17/2014 17:35:00	8270C_LL_PAH	Benzo[a]pyrene	0.049	0.0083	mg/Kg		
X7-WTR5-AA-SOCW001-0102	03/17/2014 17:35:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.071	0.0083	mg/Kg		
X7-WTR5-AA-SOCW001-0102	03/17/2014 17:35:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.02	0.0083	mg/Kg	M	
X7-WTR5-AA-SOCW001-0102	03/17/2014 17:35:00	8270C_LL_PAH	Chrysene	0.044	0.0083	mg/Kg		
X7-WTR5-AA-SOCW001-0102	03/17/2014 17:35:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0078	0.0083	mg/Kg	J	
X7-WTR5-AA-SOCW001-0102	03/17/2014 17:35:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.021	0.0083	mg/Kg		

TABLE 3-6

**WEST TRAP RANGE BaP EQUIVALENT SOIL CONCENTRATIONS FOR WALLS/FLOORS AT LIMITS OF EXCAVATION  
UXO 7 IM SOIL REMOVAL  
NSA CRANE, INDIANA  
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SAMPLE NAME	SAMPLE DATE	METHOD	ANALYTE	Result	RL	UNITS	ANOTE	BAP EQUIVALENT
X7-WTR5-BA-SOCW002-0102	03/17/2014 17:40:00	8270C_LL_PAH	Benzo[a]anthracene	0.0046	0.0081	mg/Kg	J	0.0113636
X7-WTR5-BA-SOCW002-0102	03/17/2014 17:40:00	8270C_LL_PAH	Benzo[a]pyrene	0.0056	0.0081	mg/Kg	J	
X7-WTR5-BA-SOCW002-0102	03/17/2014 17:40:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.0087	0.0081	mg/Kg		
X7-WTR5-BA-SOCW002-0102	03/17/2014 17:40:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0028	0.0081	mg/Kg	J	
X7-WTR5-BA-SOCW002-0102	03/17/2014 17:40:00	8270C_LL_PAH	Chrysene	0.0056	0.0081	mg/Kg	J	
X7-WTR5-BA-SOCW002-0102	03/17/2014 17:40:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.004	0.0081	mg/Kg	U	
X7-WTR5-BA-SOCW002-0102	03/17/2014 17:40:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.004	0.0081	mg/Kg	U	
X7-WTR5-CA-SOCW003-0102	03/17/2014 17:45:00	8270C_LL_PAH	Benzo[a]anthracene	0.18	0.0074	mg/Kg		0.31144
X7-WTR5-CA-SOCW003-0102	03/17/2014 17:45:00	8270C_LL_PAH	Benzo[a]pyrene	0.22	0.0074	mg/Kg		
X7-WTR5-CA-SOCW003-0102	03/17/2014 17:45:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.24	0.0074	mg/Kg	M	
X7-WTR5-CA-SOCW003-0102	03/17/2014 17:45:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.12	0.0074	mg/Kg	M	
X7-WTR5-CA-SOCW003-0102	03/17/2014 17:45:00	8270C_LL_PAH	Chrysene	0.24	0.0074	mg/Kg		
X7-WTR5-CA-SOCW003-0102	03/17/2014 17:45:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.036	0.0074	mg/Kg		
X7-WTR5-CA-SOCW003-0102	03/17/2014 17:45:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.12	0.0074	mg/Kg		
X7-WTR5-DA-SOCW004-0102	03/17/2014 17:50:00	8270C_LL_PAH	Benzo[a]anthracene	0.0055	0.0078	mg/Kg	J	0.0134848
X7-WTR5-DA-SOCW004-0102	03/17/2014 17:50:00	8270C_LL_PAH	Benzo[a]pyrene	0.0074	0.0078	mg/Kg	J	
X7-WTR5-DA-SOCW004-0102	03/17/2014 17:50:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.01	0.0078	mg/Kg		
X7-WTR5-DA-SOCW004-0102	03/17/2014 17:50:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0038	0.0078	mg/Kg	J	
X7-WTR5-DA-SOCW004-0102	03/17/2014 17:50:00	8270C_LL_PAH	Chrysene	0.0068	0.0078	mg/Kg	J	
X7-WTR5-DA-SOCW004-0102	03/17/2014 17:50:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0039	0.0078	mg/Kg	U	
X7-WTR5-DA-SOCW004-0102	03/17/2014 17:50:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0059	0.0078	mg/Kg	J	
X7-WTR5-A-SOCF001	03/17/2014 14:45:00	8270C_LL_PAH	Benzo[a]anthracene	0.0087	0.008	mg/Kg		0.0167314
X7-WTR5-A-SOCF001	03/17/2014 14:45:00	8270C_LL_PAH	Benzo[a]pyrene	0.01	0.008	mg/Kg		
X7-WTR5-A-SOCF001	03/17/2014 14:45:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.012	0.008	mg/Kg	M	
X7-WTR5-A-SOCF001	03/17/2014 14:45:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0052	0.008	mg/Kg	J M	
X7-WTR5-A-SOCF001	03/17/2014 14:45:00	8270C_LL_PAH	Chrysene	0.0094	0.008	mg/Kg		
X7-WTR5-A-SOCF001	03/17/2014 14:45:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0039	0.008	mg/Kg	U	
X7-WTR5-A-SOCF001	03/17/2014 14:45:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.007	0.008	mg/Kg	J	
X7-WTR6-AA-SOCW001-0102	03/17/2014 17:55:00	8270C_LL_PAH	Benzo[a]anthracene	0.004	0.0081	mg/Kg	U	0.006628
X7-WTR6-AA-SOCW001-0102	03/17/2014 17:55:00	8270C_LL_PAH	Benzo[a]pyrene	0.0014	0.0081	mg/Kg	U	
X7-WTR6-AA-SOCW001-0102	03/17/2014 17:55:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.004	0.0081	mg/Kg	U	
X7-WTR6-AA-SOCW001-0102	03/17/2014 17:55:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0024	0.0081	mg/Kg	U	
X7-WTR6-AA-SOCW001-0102	03/17/2014 17:55:00	8270C_LL_PAH	Chrysene	0.004	0.0081	mg/Kg	U	
X7-WTR6-AA-SOCW001-0102	03/17/2014 17:55:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.004	0.0081	mg/Kg	U	
X7-WTR6-AA-SOCW001-0102	03/17/2014 17:55:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.004	0.0081	mg/Kg	U	

TABLE 3-6

**WEST TRAP RANGE BaP EQUIVALENT SOIL CONCENTRATIONS FOR WALLS/FLOORS AT LIMITS OF EXCAVATION  
UXO 7 IM SOIL REMOVAL  
NSA CRANE, INDIANA  
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SAMPLE NAME	SAMPLE DATE	METHOD	ANALYTE	Result	RL	UNITS	ANOTE	BAP EQUIVALENT
X7-WTR6-BA-SOCW002-0002	03/17/2014 18:00:00	8270C_LL_PAH	Benzo[a]anthracene	0.17	0.0082	mg/Kg		0.33653
X7-WTR6-BA-SOCW002-0002	03/17/2014 18:00:00	8270C_LL_PAH	Benzo[a]pyrene	0.24	0.0082	mg/Kg		
X7-WTR6-BA-SOCW002-0002	03/17/2014 18:00:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.26	0.0082	mg/Kg	M	
X7-WTR6-BA-SOCW002-0002	03/17/2014 18:00:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.13	0.0082	mg/Kg	M	
X7-WTR6-BA-SOCW002-0002	03/17/2014 18:00:00	8270C_LL_PAH	Chrysene	0.23	0.0082	mg/Kg		
X7-WTR6-BA-SOCW002-0002	03/17/2014 18:00:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.039	0.0082	mg/Kg		
X7-WTR6-BA-SOCW002-0002	03/17/2014 18:00:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.13	0.0082	mg/Kg		
X7-WTR6-CA-SOCW003-0002	03/17/2014 18:05:00	8270C_LL_PAH	Benzo[a]anthracene	0.017	0.008	mg/Kg		0.034322
X7-WTR6-CA-SOCW003-0002	03/17/2014 18:05:00	8270C_LL_PAH	Benzo[a]pyrene	0.024	0.008	mg/Kg		
X7-WTR6-CA-SOCW003-0002	03/17/2014 18:05:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.03	0.008	mg/Kg	M	
X7-WTR6-CA-SOCW003-0002	03/17/2014 18:05:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.01	0.008	mg/Kg	M	
X7-WTR6-CA-SOCW003-0002	03/17/2014 18:05:00	8270C_LL_PAH	Chrysene	0.022	0.008	mg/Kg		
X7-WTR6-CA-SOCW003-0002	03/17/2014 18:05:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0039	0.008	mg/Kg	U	
X7-WTR6-CA-SOCW003-0002	03/17/2014 18:05:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.016	0.008	mg/Kg		
X7-WTR6-DA-SOCW004-0102	03/17/2014 18:10:00	8270C_LL_PAH	Benzo[a]anthracene	0.065	0.0082	mg/Kg		0.120654
X7-WTR6-DA-SOCW004-0102	03/17/2014 18:10:00	8270C_LL_PAH	Benzo[a]pyrene	0.086	0.0082	mg/Kg		
X7-WTR6-DA-SOCW004-0102	03/17/2014 18:10:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.1	0.0082	mg/Kg	M	
X7-WTR6-DA-SOCW004-0102	03/17/2014 18:10:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.037	0.0082	mg/Kg	M	
X7-WTR6-DA-SOCW004-0102	03/17/2014 18:10:00	8270C_LL_PAH	Chrysene	0.084	0.0082	mg/Kg		
X7-WTR6-DA-SOCW004-0102	03/17/2014 18:10:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.012	0.0082	mg/Kg		
X7-WTR6-DA-SOCW004-0102	03/17/2014 18:10:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.057	0.0082	mg/Kg		
X7-WTR6-A-SOCF001	03/17/2014 14:55:00	8270C_LL_PAH	Benzo[a]anthracene	0.011	0.0081	mg/Kg		0.018437
X7-WTR6-A-SOCF001	03/17/2014 14:55:00	8270C_LL_PAH	Benzo[a]pyrene	0.011	0.0081	mg/Kg		
X7-WTR6-A-SOCF001	03/17/2014 14:55:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.016	0.0081	mg/Kg	M	
X7-WTR6-A-SOCF001	03/17/2014 14:55:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0062	0.0081	mg/Kg	J M	
X7-WTR6-A-SOCF001	03/17/2014 14:55:00	8270C_LL_PAH	Chrysene	0.015	0.0081	mg/Kg		
X7-WTR6-A-SOCF001	03/17/2014 14:55:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.004	0.0081	mg/Kg	U	
X7-WTR6-A-SOCF001	03/17/2014 14:55:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0066	0.0081	mg/Kg	J	
X7-WTR6-CB-SOCW005-0102	03/17/2014 18:10:00	8270C_LL_PAH	Benzo[a]anthracene	0.0046	0.0083	mg/Kg	J	0.0109708
X7-WTR6-CB-SOCW005-0102	03/17/2014 18:10:00	8270C_LL_PAH	Benzo[a]pyrene	0.0051	0.0083	mg/Kg	J	
X7-WTR6-CB-SOCW005-0102	03/17/2014 18:10:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.0087	0.0083	mg/Kg	M	
X7-WTR6-CB-SOCW005-0102	03/17/2014 18:10:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0025	0.0083	mg/Kg	U M	
X7-WTR6-CB-SOCW005-0102	03/17/2014 18:10:00	8270C_LL_PAH	Chrysene	0.0058	0.0083	mg/Kg	J	
X7-WTR6-CB-SOCW005-0102	03/17/2014 18:10:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0041	0.0083	mg/Kg	U	
X7-WTR6-CB-SOCW005-0102	03/17/2014 18:10:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0041	0.0083	mg/Kg	U	

TABLE 3-6

**WEST TRAP RANGE BaP EQUIVALENT SOIL CONCENTRATIONS FOR WALLS/FLOORS AT LIMITS OF EXCAVATION  
UXO 7 IM SOIL REMOVAL  
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SAMPLE NAME	SAMPLE DATE	METHOD	ANALYTE	Result	RL	UNITS	ANOTE	BAP EQUIVALENT
X7-WTR2-AB-SOCW005-0002	03/17/2014 18:05:00	8270C_LL_PAH	Benzo[a]anthracene	0.044	0.008	mg/Kg		0.086907
X7-WTR2-AB-SOCW005-0002	03/17/2014 18:05:00	8270C_LL_PAH	Benzo[a]pyrene	0.062	0.008	mg/Kg		
X7-WTR2-AB-SOCW005-0002	03/17/2014 18:05:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.073	0.008	mg/Kg	M	
X7-WTR2-AB-SOCW005-0002	03/17/2014 18:05:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.035	0.008	mg/Kg	M	
X7-WTR2-AB-SOCW005-0002	03/17/2014 18:05:00	8270C_LL_PAH	Chrysene	0.057	0.008	mg/Kg		
X7-WTR2-AB-SOCW005-0002	03/17/2014 18:05:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.009	0.008	mg/Kg		
X7-WTR2-AB-SOCW005-0002	03/17/2014 18:05:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.038	0.008	mg/Kg		
X7-ETR7-A-SOCF001	03/18/2014 13:30:00	8270C_LL_PAH	Benzo[a]anthracene	0.0043	0.0088	mg/Kg	U	0.0074403
X7-ETR7-A-SOCF001	03/18/2014 13:30:00	8270C_LL_PAH	Benzo[a]pyrene	0.0018	0.0088	mg/Kg	J	
X7-ETR7-A-SOCF001	03/18/2014 13:30:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.0045	0.0088	mg/Kg	J	
X7-ETR7-A-SOCF001	03/18/2014 13:30:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0026	0.0088	mg/Kg	U M	
X7-ETR7-A-SOCF001	03/18/2014 13:30:00	8270C_LL_PAH	Chrysene	0.0043	0.0088	mg/Kg	U	
X7-ETR7-A-SOCF001	03/18/2014 13:30:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0043	0.0088	mg/Kg	U	
X7-ETR7-A-SOCF001	03/18/2014 13:30:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0043	0.0088	mg/Kg	U	
X7-WTR1-EA-SOCW015-0001	03/25/2014 09:00:00	8270C_LL_PAH	Benzo[a]anthracene	0.36	0.041	mg/Kg		0.77433
X7-WTR1-EA-SOCW015-0001	03/25/2014 09:00:00	8270C_LL_PAH	Benzo[a]pyrene	0.45	0.015	mg/Kg		
X7-WTR1-EA-SOCW015-0001	03/25/2014 09:00:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.67	0.041	mg/Kg	M	
X7-WTR1-EA-SOCW015-0001	03/25/2014 09:00:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.19	0.025	mg/Kg	M	
X7-WTR1-EA-SOCW015-0001	03/25/2014 09:00:00	8270C_LL_PAH	Chrysene	0.43	0.041	mg/Kg		
X7-WTR1-EA-SOCW015-0001	03/25/2014 09:00:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.2	0.041	mg/Kg	M	
X7-WTR1-EA-SOCW015-0001	03/25/2014 09:00:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.19	0.041	mg/Kg		
X7-WTR1-GA-SOCW016-0001	03/25/2014 09:15:00	8270C_LL_PAH	Benzo[a]anthracene	0.14	0.0041	mg/Kg		0.28277
X7-WTR1-GA-SOCW016-0001	03/25/2014 09:15:00	8270C_LL_PAH	Benzo[a]pyrene	0.19	0.0015	mg/Kg		
X7-WTR1-GA-SOCW016-0001	03/25/2014 09:15:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.26	0.0041	mg/Kg	M	
X7-WTR1-GA-SOCW016-0001	03/25/2014 09:15:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.1	0.0025	mg/Kg	M	
X7-WTR1-GA-SOCW016-0001	03/25/2014 09:15:00	8270C_LL_PAH	Chrysene	0.17	0.0041	mg/Kg		
X7-WTR1-GA-SOCW016-0001	03/25/2014 09:15:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.045	0.0041	mg/Kg		
X7-WTR1-GA-SOCW016-0001	03/25/2014 09:15:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.066	0.0041	mg/Kg		
X7-WTR1-HA-SOCW019-0001	04/01/2014 16:15:00	8270C_LL_PAH	Benzo[a]anthracene	0.052	0.0086	mg/Kg		0.082593
X7-WTR1-HA-SOCW019-0001	04/01/2014 16:15:00	8270C_LL_PAH	Benzo[a]pyrene	0.042	0.0086	mg/Kg		
X7-WTR1-HA-SOCW019-0001	04/01/2014 16:15:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.086	0.0086	mg/Kg		
X7-WTR1-HA-SOCW019-0001	04/01/2014 16:15:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.075	0.0086	mg/Kg		
X7-WTR1-HA-SOCW019-0001	04/01/2014 16:15:00	8270C_LL_PAH	Chrysene	0.073	0.0086	mg/Kg		
X7-WTR1-HA-SOCW019-0001	04/01/2014 16:15:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.025	0.0086	mg/Kg		
X7-WTR1-HA-SOCW019-0001	04/01/2014 16:15:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0097	0.0086	mg/Kg		

TABLE 3-6

WEST TRAP RANGE BaP EQUIVALENT SOIL CONCENTRATIONS FOR WALLS/FLOORS AT LIMITS OF EXCAVATION  
 UXO 7 IM SOIL REMOVAL  
 NSA CRANE, INDIANA  
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SAMPLE NAME	SAMPLE DATE	METHOD	ANALYTE	Result	RL	UNITS	ANOTE	BAP EQUIVALENT
X7-WTR1-HB-SOCW020-0001	04/01/2014 16:20:00	8270C_LL_PAH	Benzo[a]anthracene	0.0042	0.0085	mg/Kg	U	0.0095706
X7-WTR1-HB-SOCW020-0001	04/01/2014 16:20:00	8270C_LL_PAH	Benzo[a]pyrene	0.0038	0.0085	mg/Kg	J	
X7-WTR1-HB-SOCW020-0001	04/01/2014 16:20:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.007	0.0085	mg/Kg	J	
X7-WTR1-HB-SOCW020-0001	04/01/2014 16:20:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0026	0.0085	mg/Kg	U	
X7-WTR1-HB-SOCW020-0001	04/01/2014 16:20:00	8270C_LL_PAH	Chrysene	0.0046	0.0085	mg/Kg	J	
X7-WTR1-HB-SOCW020-0001	04/01/2014 16:20:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0042	0.0085	mg/Kg	U	
X7-WTR1-HB-SOCW020-0001	04/01/2014 16:20:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0042	0.0085	mg/Kg	U	

QUALIFIER

J - Estimated: The analyte was positively identified; the quantitation is an estimation

M - Manual integrated compound.

U - Undetected at the Limit of Detection.

BaP Equivalent Concentrations in Trap Range Soil Samples	Total Residential Cancer Risk Levels
 $\geq 1.5$ mg/kg	$\geq 1 \times 10^{-4}$
 $\geq 0.15$ mg/kg to $< 1.5$ mg/kg	$\geq 1 \times 10^{-5}$ to $< 1 \times 10^{-4}$
 $\geq 0.015$ mg/kg to $< 0.15$ mg/kg	$\geq 1 \times 10^{-6}$ to $< 1 \times 10^{-5}$
 $< 0.015$ mg/kg	$< 1 \times 10^{-6}$

TAGLE 3-7

**EAST TRAP RANGE SOIL BaP EQUIVALENT CONCENTRATIONS - WALL AND FLOOR CONFIRMATION SAMPLES  
UXO 7 IM SOIL REMOVAL CONFIRMATION SAMPLING  
NSA CRANE, INDIANA  
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SAMPLE NAME	SAMPLE DATE	METHOD	ANALYTE	Result	RL	UNITS	ANOTE	BAP EQUIVALENT
X7-ETR5-DA-SOCW004-0002	03/05/2014 14:45:00	8270C Low level PAH	Benzo[a]anthracene	0.0044	0.0088	mg/Kg	U	0.0092504
X7-ETR5-DA-SOCW004-0002	03/05/2014 14:45:00	8270C Low level PAH	Benzo[a]pyrene	0.0035	0.0088	mg/Kg	J	
X7-ETR5-DA-SOCW004-0002	03/05/2014 14:45:00	8270C Low level PAH	Benzo[b]fluoranthene	0.0044	0.0088	mg/Kg	U	
X7-ETR5-DA-SOCW004-0002	03/05/2014 14:45:00	8270C Low level PAH	Benzo[k]fluoranthene	0.0026	0.0088	mg/Kg	U	
X7-ETR5-DA-SOCW004-0002	03/05/2014 14:45:00	8270C Low level PAH	Chrysene	0.0044	0.0088	mg/Kg	U	
X7-ETR5-DA-SOCW004-0002	03/05/2014 14:45:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.0044	0.0088	mg/Kg	U	
X7-ETR5-DA-SOCW004-0002	03/05/2014 14:45:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.0044	0.0088	mg/Kg	U	
X7-ETR4-A-SOCF001	03/05/2014 14:55:00	8270C Low level PAH	Benzo[a]anthracene	0.0045	0.0086	mg/Kg	J	0.0091224
X7-ETR4-A-SOCF001	03/05/2014 14:55:00	8270C Low level PAH	Benzo[a]pyrene	0.0036	0.0086	mg/Kg	J	
X7-ETR4-A-SOCF001	03/05/2014 14:55:00	8270C Low level PAH	Benzo[b]fluoranthene	0.0042	0.0086	mg/Kg	U	
X7-ETR4-A-SOCF001	03/05/2014 14:55:00	8270C Low level PAH	Benzo[k]fluoranthene	0.0028	0.0086	mg/Kg	J	
X7-ETR4-A-SOCF001	03/05/2014 14:55:00	8270C Low level PAH	Chrysene	0.0044	0.0086	mg/Kg	J	
X7-ETR4-A-SOCF001	03/05/2014 14:55:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.0042	0.0086	mg/Kg	U	
X7-ETR4-A-SOCF001	03/05/2014 14:55:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.0042	0.0086	mg/Kg	U	
X7-ETR4-AA-SOCW001-0001	03/05/2014 15:00:00	8270C Low level PAH	Benzo[a]anthracene	0.0046	0.0093	mg/Kg	U	0.0086126
X7-ETR4-AA-SOCW001-0001	03/05/2014 15:00:00	8270C Low level PAH	Benzo[a]pyrene	0.0026	0.0093	mg/Kg	J	
X7-ETR4-AA-SOCW001-0001	03/05/2014 15:00:00	8270C Low level PAH	Benzo[b]fluoranthene	0.0046	0.0093	mg/Kg	U	
X7-ETR4-AA-SOCW001-0001	03/05/2014 15:00:00	8270C Low level PAH	Benzo[k]fluoranthene	0.0028	0.0093	mg/Kg	U	
X7-ETR4-AA-SOCW001-0001	03/05/2014 15:00:00	8270C Low level PAH	Chrysene	0.0046	0.0093	mg/Kg	U	
X7-ETR4-AA-SOCW001-0001	03/05/2014 15:00:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.0046	0.0093	mg/Kg	U	
X7-ETR4-AA-SOCW001-0001	03/05/2014 15:00:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.0046	0.0093	mg/Kg	U	
X7-ETR4-BA-SOCW002-0001	03/05/2014 15:05:00	8270C Low level PAH	Benzo[a]anthracene	0.0044	0.0089	mg/Kg	U	0.0093514
X7-ETR4-BA-SOCW002-0001	03/05/2014 15:05:00	8270C Low level PAH	Benzo[a]pyrene	0.0036	0.0089	mg/Kg	J	
X7-ETR4-BA-SOCW002-0001	03/05/2014 15:05:00	8270C Low level PAH	Benzo[b]fluoranthene	0.0044	0.0089	mg/Kg	U	
X7-ETR4-BA-SOCW002-0001	03/05/2014 15:05:00	8270C Low level PAH	Benzo[k]fluoranthene	0.0027	0.0089	mg/Kg	U	
X7-ETR4-BA-SOCW002-0001	03/05/2014 15:05:00	8270C Low level PAH	Chrysene	0.0044	0.0089	mg/Kg	U	
X7-ETR4-BA-SOCW002-0001	03/05/2014 15:05:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.0044	0.0089	mg/Kg	U	
X7-ETR4-BA-SOCW002-0001	03/05/2014 15:05:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.0044	0.0089	mg/Kg	U	
X7-ETR4-CA-SOCW003-0001	03/05/2014 15:10:00	8270C Low level PAH	Benzo[a]anthracene	0.0066	0.0086	mg/Kg	J	0.0136649
X7-ETR4-CA-SOCW003-0001	03/05/2014 15:10:00	8270C Low level PAH	Benzo[a]pyrene	0.0074	0.0086	mg/Kg	J	
X7-ETR4-CA-SOCW003-0001	03/05/2014 15:10:00	8270C Low level PAH	Benzo[b]fluoranthene	0.0094	0.0086	mg/Kg	M	
X7-ETR4-CA-SOCW003-0001	03/05/2014 15:10:00	8270C Low level PAH	Benzo[k]fluoranthene	0.0038	0.0086	mg/Kg	J M	
X7-ETR4-CA-SOCW003-0001	03/05/2014 15:10:00	8270C Low level PAH	Chrysene	0.0069	0.0086	mg/Kg	J	
X7-ETR4-CA-SOCW003-0001	03/05/2014 15:10:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.0042	0.0086	mg/Kg	U	
X7-ETR4-CA-SOCW003-0001	03/05/2014 15:10:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.0042	0.0086	mg/Kg	U	
X7-ETR5-A-SOCF001	03/05/2014 14:25:00	8270C Low level PAH	Benzo[a]anthracene	0.0042	0.0085	mg/Kg	U	0.0072892
X7-ETR5-A-SOCF001	03/05/2014 14:25:00	8270C Low level PAH	Benzo[a]pyrene	0.0018	0.0085	mg/Kg	J	
X7-ETR5-A-SOCF001	03/05/2014 14:25:00	8270C Low level PAH	Benzo[b]fluoranthene	0.0042	0.0085	mg/Kg	U	
X7-ETR5-A-SOCF001	03/05/2014 14:25:00	8270C Low level PAH	Benzo[k]fluoranthene	0.0025	0.0085	mg/Kg	U	
X7-ETR5-A-SOCF001	03/05/2014 14:25:00	8270C Low level PAH	Chrysene	0.0042	0.0085	mg/Kg	U	
X7-ETR5-A-SOCF001	03/05/2014 14:25:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.0042	0.0085	mg/Kg	U	
X7-ETR5-A-SOCF001	03/05/2014 14:25:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.0042	0.0085	mg/Kg	U	

TAGLE 3-7

EAST TRAP RANGE SOIL BaP EQUIVALENT CONCENTRATIONS - WALL AND FLOOR CONFIRMATION SAMPLES  
 UXO 7 IM SOIL REMOVAL CONFIRMATION SAMPLING  
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SAMPLE NAME	SAMPLE DATE	METHOD	ANALYTE	Result	RL	UNITS	ANOTE	BAP EQUIVALENT
X7-ETR5-AA-SOCW001-0002	03/05/2014 14:30:00	8270C Low level PAH	Benzo[a]anthracene	0.0062	0.0089	mg/Kg	J	0.0139064
X7-ETR5-AA-SOCW001-0002	03/05/2014 14:30:00	8270C Low level PAH	Benzo[a]pyrene	0.0074	0.0089	mg/Kg	J	
X7-ETR5-AA-SOCW001-0002	03/05/2014 14:30:00	8270C Low level PAH	Benzo[b]fluoranthene	0.01	0.0089	mg/Kg		
X7-ETR5-AA-SOCW001-0002	03/05/2014 14:30:00	8270C Low level PAH	Benzo[k]fluoranthene	0.0039	0.0089	mg/Kg	J M	
X7-ETR5-AA-SOCW001-0002	03/05/2014 14:30:00	8270C Low level PAH	Chrysene	0.0074	0.0089	mg/Kg	J	
X7-ETR5-AA-SOCW001-0002	03/05/2014 14:30:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.0044	0.0089	mg/Kg	U	
X7-ETR5-AA-SOCW001-0002	03/05/2014 14:30:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.0044	0.0089	mg/Kg	U	
X7-ETR5-BA-SOCW002-0002	03/05/2014 14:35:00	8270C Low level PAH	Benzo[a]anthracene	0.0044	0.009	mg/Kg	U	0.0076514
X7-ETR5-BA-SOCW002-0002	03/05/2014 14:35:00	8270C Low level PAH	Benzo[a]pyrene	0.0019	0.009	mg/Kg	J	
X7-ETR5-BA-SOCW002-0002	03/05/2014 14:35:00	8270C Low level PAH	Benzo[b]fluoranthene	0.0044	0.009	mg/Kg	U	
X7-ETR5-BA-SOCW002-0002	03/05/2014 14:35:00	8270C Low level PAH	Benzo[k]fluoranthene	0.0027	0.009	mg/Kg	U	
X7-ETR5-BA-SOCW002-0002	03/05/2014 14:35:00	8270C Low level PAH	Chrysene	0.0044	0.009	mg/Kg	U	
X7-ETR5-BA-SOCW002-0002	03/05/2014 14:35:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.0044	0.009	mg/Kg	U	
X7-ETR5-BA-SOCW002-0002	03/05/2014 14:35:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.0044	0.009	mg/Kg	U	
X7-ETR5-CA-SOCW003-0002	03/05/2014 14:40:00	8270C Low level PAH	Benzo[a]anthracene	0.0045	0.0091	mg/Kg	U	0.0116815
X7-ETR5-CA-SOCW003-0002	03/05/2014 14:40:00	8270C Low level PAH	Benzo[a]pyrene	0.0053	0.0091	mg/Kg	J	
X7-ETR5-CA-SOCW003-0002	03/05/2014 14:40:00	8270C Low level PAH	Benzo[b]fluoranthene	0.0095	0.0091	mg/Kg		
X7-ETR5-CA-SOCW003-0002	03/05/2014 14:40:00	8270C Low level PAH	Benzo[k]fluoranthene	0.0027	0.0091	mg/Kg	U M	
X7-ETR5-CA-SOCW003-0002	03/05/2014 14:40:00	8270C Low level PAH	Chrysene	0.0045	0.0091	mg/Kg	U	
X7-ETR5-CA-SOCW003-0002	03/05/2014 14:40:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.0045	0.0091	mg/Kg	U	
X7-ETR5-CA-SOCW003-0002	03/05/2014 14:40:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.0045	0.0091	mg/Kg	U	
FD030514-02	03/05/2014 00:00:00	8270C Low level PAH	Benzo[a]anthracene	0.0045	0.009	mg/Kg	U	0.0077815
FD030514-02	03/06/2014 00:00:00	8270C Low level PAH	Benzo[a]pyrene	0.0019	0.009	mg/Kg	J	
FD030514-02	03/07/2014 00:00:00	8270C Low level PAH	Benzo[b]fluoranthene	0.0045	0.009	mg/Kg	U M	
FD030514-02	03/08/2014 00:00:00	8270C Low level PAH	Benzo[k]fluoranthene	0.0027	0.009	mg/Kg	U M	
FD030514-02	03/09/2014 00:00:00	8270C Low level PAH	Chrysene	0.0045	0.009	mg/Kg	U	
FD030514-02	03/10/2014 00:00:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.0045	0.009	mg/Kg	U	
FD030514-02	03/11/2014 00:00:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.0045	0.009	mg/Kg	U	
X7-ETR1-AA-SOCW001-0001	03/13/2014 12:10:00	8270C Low level PAH	Benzo[a]anthracene	0.0083	0.0086	mg/Kg	J	0.0163941
X7-ETR1-AA-SOCW001-0001	03/13/2014 12:10:00	8270C Low level PAH	Benzo[a]pyrene	0.0097	0.0086	mg/Kg		
X7-ETR1-AA-SOCW001-0001	03/13/2014 12:10:00	8270C Low level PAH	Benzo[b]fluoranthene	0.012	0.0086	mg/Kg	M	
X7-ETR1-AA-SOCW001-0001	03/13/2014 12:10:00	8270C Low level PAH	Benzo[k]fluoranthene	0.0035	0.0086	mg/Kg	J M	
X7-ETR1-AA-SOCW001-0001	03/13/2014 12:10:00	8270C Low level PAH	Chrysene	0.0091	0.0086	mg/Kg		
X7-ETR1-AA-SOCW001-0001	03/13/2014 12:10:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.0042	0.0086	mg/Kg	U	
X7-ETR1-AA-SOCW001-0001	03/13/2014 12:10:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.0042	0.0086	mg/Kg	U	
X7-ETR2-FA-SOCW007-0002	03/13/2014 13:30:00	8270C Low level PAH	Benzo[a]anthracene	0.0066	0.0083	mg/Kg	J	0.0138354
X7-ETR2-FA-SOCW007-0002	03/13/2014 13:30:00	8270C Low level PAH	Benzo[a]pyrene	0.0076	0.0083	mg/Kg	J	
X7-ETR2-FA-SOCW007-0002	03/13/2014 13:30:00	8270C Low level PAH	Benzo[b]fluoranthene	0.01	0.0083	mg/Kg	M	
X7-ETR2-FA-SOCW007-0002	03/13/2014 13:30:00	8270C Low level PAH	Benzo[k]fluoranthene	0.0058	0.0083	mg/Kg	J M	
X7-ETR2-FA-SOCW007-0002	03/13/2014 13:30:00	8270C Low level PAH	Chrysene	0.0074	0.0083	mg/Kg	J	
X7-ETR2-FA-SOCW007-0002	03/13/2014 13:30:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.0041	0.0083	mg/Kg	U	
X7-ETR2-FA-SOCW007-0002	03/13/2014 13:30:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.0041	0.0083	mg/Kg	U	

TAGLE 3-7

**EAST TRAP RANGE SOIL BaP EQUIVALENT CONCENTRATIONS - WALL AND FLOOR CONFIRMATION SAMPLES  
UXO 7 IM SOIL REMOVAL CONFIRMATION SAMPLING  
NSA CRANE, INDIANA  
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SAMPLE NAME	SAMPLE DATE	METHOD	ANALYTE	Result	RL	UNITS	ANOTE	BAP EQUIVALENT
X7-ETR2-A-SOCF001	03/13/2014 12:35:00	8270C Low level PAH	Benzo[a]anthracene	0.01	0.0082	mg/Kg		0.01914
X7-ETR2-A-SOCF001	03/13/2014 12:35:00	8270C Low level PAH	Benzo[a]pyrene	0.012	0.0082	mg/Kg		
X7-ETR2-A-SOCF001	03/13/2014 12:35:00	8270C Low level PAH	Benzo[b]fluoranthene	0.016	0.0082	mg/Kg	M	
X7-ETR2-A-SOCF001	03/13/2014 12:35:00	8270C Low level PAH	Benzo[k]fluoranthene	0.0068	0.0082	mg/Kg	J M	
X7-ETR2-A-SOCF001	03/13/2014 12:35:00	8270C Low level PAH	Chrysene	0.012	0.0082	mg/Kg		
X7-ETR2-A-SOCF001	03/13/2014 12:35:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.004	0.0082	mg/Kg	U	
X7-ETR2-A-SOCF001	03/13/2014 12:35:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.0046	0.0082	mg/Kg	J	
X7-ETR3-AA-SOCW001-0204	03/13/2014 13:55:00	8270C Low level PAH	Benzo[a]anthracene	0.004	0.0081	mg/Kg	U	0.007428
X7-ETR3-AA-SOCW001-0204	03/13/2014 13:55:00	8270C Low level PAH	Benzo[a]pyrene	0.0022	0.0081	mg/Kg	J	
X7-ETR3-AA-SOCW001-0204	03/13/2014 13:55:00	8270C Low level PAH	Benzo[b]fluoranthene	0.004	0.0081	mg/Kg	U M	
X7-ETR3-AA-SOCW001-0204	03/13/2014 13:55:00	8270C Low level PAH	Benzo[k]fluoranthene	0.0024	0.0081	mg/Kg	U M	
X7-ETR3-AA-SOCW001-0204	03/13/2014 13:55:00	8270C Low level PAH	Chrysene	0.004	0.0081	mg/Kg	U	
X7-ETR3-AA-SOCW001-0204	03/13/2014 13:55:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.004	0.0081	mg/Kg	U	
X7-ETR3-AA-SOCW001-0204	03/13/2014 13:55:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.004	0.0081	mg/Kg	U	
X7-ETR3-CA-SOCW004-0102	03/13/2014 14:00:00	8270C Low level PAH	Benzo[a]anthracene	0.081	0.0083	mg/Kg		0.152159
X7-ETR3-CA-SOCW004-0102	03/13/2014 14:00:00	8270C Low level PAH	Benzo[a]pyrene	0.11	0.0083	mg/Kg		
X7-ETR3-CA-SOCW004-0102	03/13/2014 14:00:00	8270C Low level PAH	Benzo[b]fluoranthene	0.13	0.0083	mg/Kg		
X7-ETR3-CA-SOCW004-0102	03/13/2014 14:00:00	8270C Low level PAH	Benzo[k]fluoranthene	0.066	0.0083	mg/Kg	M	
X7-ETR3-CA-SOCW004-0102	03/13/2014 14:00:00	8270C Low level PAH	Chrysene	0.099	0.0083	mg/Kg		
X7-ETR3-CA-SOCW004-0102	03/13/2014 14:00:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.016	0.0083	mg/Kg		
X7-ETR3-CA-SOCW004-0102	03/13/2014 14:00:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.043	0.0083	mg/Kg		
X7-ETR3-CA-SOCW005-0204	03/13/2014 14:05:00	8270C Low level PAH	Benzo[a]anthracene	0.0049	0.0083	mg/Kg	J	0.0117115
X7-ETR3-CA-SOCW005-0204	03/13/2014 14:05:00	8270C Low level PAH	Benzo[a]pyrene	0.0059	0.0083	mg/Kg	J	
X7-ETR3-CA-SOCW005-0204	03/13/2014 14:05:00	8270C Low level PAH	Benzo[b]fluoranthene	0.0077	0.0083	mg/Kg	J	
X7-ETR3-CA-SOCW005-0204	03/13/2014 14:05:00	8270C Low level PAH	Benzo[k]fluoranthene	0.0036	0.0083	mg/Kg	J M	
X7-ETR3-CA-SOCW005-0204	03/13/2014 14:05:00	8270C Low level PAH	Chrysene	0.0055	0.0083	mg/Kg	J	
X7-ETR3-CA-SOCW005-0204	03/13/2014 14:05:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.0041	0.0083	mg/Kg	U	
X7-ETR3-CA-SOCW005-0204	03/13/2014 14:05:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.0041	0.0083	mg/Kg	U	
X7-ETR3-DA-SOCW006-0102	03/13/2014 14:15:00	8270C Low level PAH	Benzo[a]anthracene	0.034	0.0083	mg/Kg		0.059029
X7-ETR3-DA-SOCW006-0102	03/13/2014 14:15:00	8270C Low level PAH	Benzo[a]pyrene	0.042	0.0083	mg/Kg		
X7-ETR3-DA-SOCW006-0102	03/13/2014 14:15:00	8270C Low level PAH	Benzo[b]fluoranthene	0.056	0.0083	mg/Kg		
X7-ETR3-DA-SOCW006-0102	03/13/2014 14:15:00	8270C Low level PAH	Benzo[k]fluoranthene	0.019	0.0083	mg/Kg	M	
X7-ETR3-DA-SOCW006-0102	03/13/2014 14:15:00	8270C Low level PAH	Chrysene	0.039	0.0083	mg/Kg		
X7-ETR3-DA-SOCW006-0102	03/13/2014 14:15:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.0063	0.0083	mg/Kg	J	
X7-ETR3-DA-SOCW006-0102	03/13/2014 14:15:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.015	0.0083	mg/Kg		
X7-ETR3-DA-SOCW007-0204	03/13/2014 14:20:00	8270C Low level PAH	Benzo[a]anthracene	0.004	0.0082	mg/Kg	U	0.006729
X7-ETR3-DA-SOCW007-0204	03/13/2014 14:20:00	8270C Low level PAH	Benzo[a]pyrene	0.0015	0.0082	mg/Kg	U	
X7-ETR3-DA-SOCW007-0204	03/13/2014 14:20:00	8270C Low level PAH	Benzo[b]fluoranthene	0.004	0.0082	mg/Kg	U	
X7-ETR3-DA-SOCW007-0204	03/13/2014 14:20:00	8270C Low level PAH	Benzo[k]fluoranthene	0.0025	0.0082	mg/Kg	U	
X7-ETR3-DA-SOCW007-0204	03/13/2014 14:20:00	8270C Low level PAH	Chrysene	0.004	0.0082	mg/Kg	U	
X7-ETR3-DA-SOCW007-0204	03/13/2014 14:20:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.004	0.0082	mg/Kg	U	
X7-ETR3-DA-SOCW007-0204	03/13/2014 14:20:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.004	0.0082	mg/Kg	U	

TAGLE 3-7

**EAST TRAP RANGE SOIL BaP EQUIVALENT CONCENTRATIONS - WALL AND FLOOR CONFIRMATION SAMPLES**  
**UXO 7 IM SOIL REMOVAL CONFIRMATION SAMPLING**  
**NSA CRANE, INDIANA**  
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SAMPLE NAME	SAMPLE DATE	METHOD	ANALYTE	Result	RL	UNITS	ANOTE	BAP EQUIVALENT
X7-ETR3-EA-SOCW008-0002	03/13/2014 14:25:00	8270C Low level PAH	Benzo[a]anthracene	0.012	0.0086	mg/Kg		0.020699
X7-ETR3-EA-SOCW008-0002	03/13/2014 14:25:00	8270C Low level PAH	Benzo[a]pyrene	0.013	0.0086	mg/Kg		
X7-ETR3-EA-SOCW008-0002	03/13/2014 14:25:00	8270C Low level PAH	Benzo[b]fluoranthene	0.018	0.0086	mg/Kg	M	
X7-ETR3-EA-SOCW008-0002	03/13/2014 14:25:00	8270C Low level PAH	Benzo[k]fluoranthene	0.0066	0.0086	mg/Kg	J M	
X7-ETR3-EA-SOCW008-0002	03/13/2014 14:25:00	8270C Low level PAH	Chrysene	0.013	0.0086	mg/Kg		
X7-ETR3-EA-SOCW008-0002	03/13/2014 14:25:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.0042	0.0086	mg/Kg	U	
X7-ETR3-EA-SOCW008-0002	03/13/2014 14:25:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.0042	0.0086	mg/Kg	U	
X7-ETR3-EA-SOCW009-0204	03/13/2014 14:30:00	8270C Low level PAH	Benzo[a]anthracene	0.0043	0.0087	mg/Kg	U	0.0072203
X7-ETR3-EA-SOCW009-0204	03/13/2014 14:30:00	8270C Low level PAH	Benzo[a]pyrene	0.0016	0.0087	mg/Kg	U	
X7-ETR3-EA-SOCW009-0204	03/13/2014 14:30:00	8270C Low level PAH	Benzo[b]fluoranthene	0.0043	0.0087	mg/Kg	U	
X7-ETR3-EA-SOCW009-0204	03/13/2014 14:30:00	8270C Low level PAH	Benzo[k]fluoranthene	0.0026	0.0087	mg/Kg	U	
X7-ETR3-EA-SOCW009-0204	03/13/2014 14:30:00	8270C Low level PAH	Chrysene	0.0043	0.0087	mg/Kg	U	
X7-ETR3-EA-SOCW009-0204	03/13/2014 14:30:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.0043	0.0087	mg/Kg	U	
X7-ETR3-EA-SOCW009-0204	03/13/2014 14:30:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.0043	0.0087	mg/Kg	U	
X7-ETR3-A-SOCF0001	03/13/2014 13:45:00	8270C Low level PAH	Benzo[a]anthracene	0.0043	0.0088	mg/Kg	U	0.0072203
X7-ETR3-A-SOCF0001	03/13/2014 13:45:00	8270C Low level PAH	Benzo[a]pyrene	0.0016	0.0088	mg/Kg	U	
X7-ETR3-A-SOCF0001	03/13/2014 13:45:00	8270C Low level PAH	Benzo[b]fluoranthene	0.0043	0.0088	mg/Kg	U	
X7-ETR3-A-SOCF0001	03/13/2014 13:45:00	8270C Low level PAH	Benzo[k]fluoranthene	0.0026	0.0088	mg/Kg	U	
X7-ETR3-A-SOCF0001	03/13/2014 13:45:00	8270C Low level PAH	Chrysene	0.0043	0.0088	mg/Kg	U	
X7-ETR3-A-SOCF0001	03/13/2014 13:45:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.0043	0.0088	mg/Kg	U	
X7-ETR3-A-SOCF0001	03/13/2014 13:45:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.0043	0.0088	mg/Kg	U	
X7-ETR1-BA-SOCW002-0001	03/13/2014 12:20:00	8270C Low level PAH	Benzo[a]anthracene	0.0087	0.0087	mg/Kg		0.0161568
X7-ETR1-BA-SOCW002-0001	03/13/2014 12:20:00	8270C Low level PAH	Benzo[a]pyrene	0.0092	0.0087	mg/Kg		
X7-ETR1-BA-SOCW002-0001	03/13/2014 12:20:00	8270C Low level PAH	Benzo[b]fluoranthene	0.013	0.0087	mg/Kg	M	
X7-ETR1-BA-SOCW002-0001	03/13/2014 12:20:00	8270C Low level PAH	Benzo[k]fluoranthene	0.0047	0.0087	mg/Kg	J M	
X7-ETR1-BA-SOCW002-0001	03/13/2014 12:20:00	8270C Low level PAH	Chrysene	0.0098	0.0087	mg/Kg		
X7-ETR1-BA-SOCW002-0001	03/13/2014 12:20:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.0043	0.0087	mg/Kg	U	
X7-ETR1-BA-SOCW002-0001	03/13/2014 12:20:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.0043	0.0087	mg/Kg	U	
X7-ETR6-BA-SOCW002-0002	03/13/2014 10:15:00	8270C Low level PAH	Benzo[a]anthracene	0.014	0.008	mg/Kg		0.023305
X7-ETR6-BA-SOCW002-0002	03/13/2014 10:15:00	8270C Low level PAH	Benzo[a]pyrene	0.015	0.008	mg/Kg		
X7-ETR6-BA-SOCW002-0002	03/13/2014 10:15:00	8270C Low level PAH	Benzo[b]fluoranthene	0.024	0.008	mg/Kg		
X7-ETR6-BA-SOCW002-0002	03/13/2014 10:15:00	8270C Low level PAH	Benzo[k]fluoranthene	0.0089	0.008	mg/Kg	M	
X7-ETR6-BA-SOCW002-0002	03/13/2014 10:15:00	8270C Low level PAH	Chrysene	0.016	0.008	mg/Kg		
X7-ETR6-BA-SOCW002-0002	03/13/2014 10:15:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.004	0.008	mg/Kg	U	
X7-ETR6-BA-SOCW002-0002	03/13/2014 10:15:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.004	0.008	mg/Kg	J	
X7-ETR1-A-SOCF001	03/13/2014 12:05:00	8270C Low level PAH	Benzo[a]anthracene	0.046	0.0083	mg/Kg		0.075801
X7-ETR1-A-SOCF001	03/13/2014 12:05:00	8270C Low level PAH	Benzo[a]pyrene	0.053	0.0083	mg/Kg		
X7-ETR1-A-SOCF001	03/13/2014 12:05:00	8270C Low level PAH	Benzo[b]fluoranthene	0.07	0.0083	mg/Kg	M	
X7-ETR1-A-SOCF001	03/13/2014 12:05:00	8270C Low level PAH	Benzo[k]fluoranthene	0.025	0.0083	mg/Kg	M	
X7-ETR1-A-SOCF001	03/13/2014 12:05:00	8270C Low level PAH	Chrysene	0.051	0.0083	mg/Kg		
X7-ETR1-A-SOCF001	03/13/2014 12:05:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.0089	0.0083	mg/Kg		
X7-ETR1-A-SOCF001	03/13/2014 12:05:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.02	0.0083	mg/Kg		

TAGLE 3-7

**EAST TRAP RANGE SOIL BaP EQUIVALENT CONCENTRATIONS - WALL AND FLOOR CONFIRMATION SAMPLES**  
**UXO 7 IM SOIL REMOVAL CONFIRMATION SAMPLING**  
**NSA CRANE, INDIANA**  
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SAMPLE NAME	SAMPLE DATE	METHOD	ANALYTE	Result	RL	UNITS	ANOTE	BAP EQUIVALENT
X7-ETR2-AA-SOCW001-0102	03/13/2014 12:45:00	8270C Low level PAH	Benzo[a]anthracene	0.037	0.0085	mg/Kg		0.058862
X7-ETR2-AA-SOCW001-0102	03/13/2014 12:45:00	8270C Low level PAH	Benzo[a]pyrene	0.042	0.0085	mg/Kg		
X7-ETR2-AA-SOCW001-0102	03/13/2014 12:45:00	8270C Low level PAH	Benzo[b]fluoranthene	0.05	0.0085	mg/Kg	M	
X7-ETR2-AA-SOCW001-0102	03/13/2014 12:45:00	8270C Low level PAH	Benzo[k]fluoranthene	0.022	0.0085	mg/Kg	M	
X7-ETR2-AA-SOCW001-0102	03/13/2014 12:45:00	8270C Low level PAH	Chrysene	0.042	0.0085	mg/Kg		
X7-ETR2-AA-SOCW001-0102	03/13/2014 12:45:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.0066	0.0085	mg/Kg	J	
X7-ETR2-AA-SOCW001-0102	03/13/2014 12:45:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.013	0.0085	mg/Kg		
X7-ETR2-AB-SOCW002-0102	03/13/2014 12:50:00	8270C Low level PAH	Benzo[a]anthracene	0.041	0.0084	mg/Kg		0.038623
X7-ETR2-AB-SOCW002-0102	03/13/2014 12:50:00	8270C Low level PAH	Benzo[a]pyrene	0.016	0.0084	mg/Kg		
X7-ETR2-AB-SOCW002-0102	03/13/2014 12:50:00	8270C Low level PAH	Benzo[b]fluoranthene	0.069	0.0084	mg/Kg		
X7-ETR2-AB-SOCW002-0102	03/13/2014 12:50:00	8270C Low level PAH	Benzo[k]fluoranthene	0.027	0.0084	mg/Kg	M	
X7-ETR2-AB-SOCW002-0102	03/13/2014 12:50:00	8270C Low level PAH	Chrysene	0.053	0.0084	mg/Kg		
X7-ETR2-AB-SOCW002-0102	03/13/2014 12:50:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.0082	0.0084	mg/Kg	J	
X7-ETR2-AB-SOCW002-0102	03/13/2014 12:50:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.031	0.0084	mg/Kg		
X7-ETR2-BA-SOCW003-0002	03/13/2014 13:05:00	8270C Low level PAH	Benzo[a]anthracene	0.024	0.0086	mg/Kg		0.0448
X7-ETR2-BA-SOCW003-0002	03/13/2014 13:05:00	8270C Low level PAH	Benzo[a]pyrene	0.031	0.0086	mg/Kg		
X7-ETR2-BA-SOCW003-0002	03/13/2014 13:05:00	8270C Low level PAH	Benzo[b]fluoranthene	0.04	0.0086	mg/Kg		
X7-ETR2-BA-SOCW003-0002	03/13/2014 13:05:00	8270C Low level PAH	Benzo[k]fluoranthene	0.017	0.0086	mg/Kg	M	
X7-ETR2-BA-SOCW003-0002	03/13/2014 13:05:00	8270C Low level PAH	Chrysene	0.03	0.0086	mg/Kg		
X7-ETR2-BA-SOCW003-0002	03/13/2014 13:05:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.0054	0.0086	mg/Kg	J	
X7-ETR2-BA-SOCW003-0002	03/13/2014 13:05:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.018	0.0086	mg/Kg		
X7-ETR2-CA-SOCW004-0002	03/13/2014 13:10:00	8270C Low level PAH	Benzo[a]anthracene	0.031	0.0084	mg/Kg		0.058268
X7-ETR2-CA-SOCW004-0002	03/13/2014 13:10:00	8270C Low level PAH	Benzo[a]pyrene	0.043	0.0084	mg/Kg		
X7-ETR2-CA-SOCW004-0002	03/13/2014 13:10:00	8270C Low level PAH	Benzo[b]fluoranthene	0.055	0.0084	mg/Kg		
X7-ETR2-CA-SOCW004-0002	03/13/2014 13:10:00	8270C Low level PAH	Benzo[k]fluoranthene	0.023	0.0084	mg/Kg	M	
X7-ETR2-CA-SOCW004-0002	03/13/2014 13:10:00	8270C Low level PAH	Chrysene	0.038	0.0084	mg/Kg		
X7-ETR2-CA-SOCW004-0002	03/13/2014 13:10:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.0049	0.0084	mg/Kg	J	
X7-ETR2-CA-SOCW004-0002	03/13/2014 13:10:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.015	0.0084	mg/Kg		
X7-ETR2-DA-SOCW005-0002	03/13/2014 13:20:00	8270C Low level PAH	Benzo[a]anthracene	0.077	0.0085	mg/Kg		0.134874
X7-ETR2-DA-SOCW005-0002	03/13/2014 13:20:00	8270C Low level PAH	Benzo[a]pyrene	0.094	0.0085	mg/Kg		
X7-ETR2-DA-SOCW005-0002	03/13/2014 13:20:00	8270C Low level PAH	Benzo[b]fluoranthene	0.13	0.0085	mg/Kg		
X7-ETR2-DA-SOCW005-0002	03/13/2014 13:20:00	8270C Low level PAH	Benzo[k]fluoranthene	0.058	0.0085	mg/Kg	M	
X7-ETR2-DA-SOCW005-0002	03/13/2014 13:20:00	8270C Low level PAH	Chrysene	0.094	0.0085	mg/Kg		
X7-ETR2-DA-SOCW005-0002	03/13/2014 13:20:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.015	0.0085	mg/Kg		
X7-ETR2-DA-SOCW005-0002	03/13/2014 13:20:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.045	0.0085	mg/Kg		
X7-ETR2-EA-SOCW006-0002	03/14/2014 10:05:00	8270C_LL_PAH	Benzo[a]anthracene	0.042	0.0086	mg/Kg		0.035061
X7-ETR2-EA-SOCW006-0002	03/14/2014 10:05:00	8270C_LL_PAH	Benzo[a]pyrene	0.016	0.0086	mg/Kg		
X7-ETR2-EA-SOCW006-0002	03/14/2014 10:05:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.07	0.0086	mg/Kg		
X7-ETR2-EA-SOCW006-0002	03/14/2014 10:05:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.031	0.0086	mg/Kg	M	
X7-ETR2-EA-SOCW006-0002	03/14/2014 10:05:00	8270C_LL_PAH	Chrysene	0.051	0.0086	mg/Kg		
X7-ETR2-EA-SOCW006-0002	03/14/2014 10:05:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0053	0.0086	mg/Kg	J	
X7-ETR2-EA-SOCW006-0002	03/14/2014 10:05:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.022	0.0086	mg/Kg		

TABLE 3-7

EAST TRAP RANGE SOIL BaP EQUIVALENT CONCENTRATIONS - WALL AND FLOOR CONFIRMATION SAMPLES  
 UXO 7 IM SOIL REMOVAL CONFIRMATION SAMPLING  
 NSA CRANE, INDIANA  
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SAMPLE NAME	SAMPLE DATE	METHOD	ANALYTE	Result	RL	UNITS	ANOTE	BAP EQUIVALENT
X7-ETR6-A-SOCF001	03/14/2014 09:00:00	8270C_LL_PAH	Benzo[a]anthracene	0.0046	0.0081	mg/Kg	J	0.0100773
X7-ETR6-A-SOCF001	03/14/2014 09:00:00	8270C_LL_PAH	Benzo[a]pyrene	0.0045	0.0081	mg/Kg	J	
X7-ETR6-A-SOCF001	03/14/2014 09:00:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.0068	0.0081	mg/Kg	J	
X7-ETR6-A-SOCF001	03/14/2014 09:00:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0032	0.0081	mg/Kg	J M	
X7-ETR6-A-SOCF001	03/14/2014 09:00:00	8270C_LL_PAH	Chrysene	0.0053	0.0081	mg/Kg	J	
X7-ETR6-A-SOCF001	03/14/2014 09:00:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.004	0.0081	mg/Kg	U	
X7-ETR6-A-SOCF001	03/14/2014 09:00:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.004	0.0081	mg/Kg	U	
X7-ETR6-B-SOCF002	03/14/2014 09:10:00	8270C_LL_PAH	Benzo[a]anthracene	0.0043	0.0087	mg/Kg	U	0.0072203
X7-ETR6-B-SOCF002	03/14/2014 09:10:00	8270C_LL_PAH	Benzo[a]pyrene	0.0016	0.0087	mg/Kg	U	
X7-ETR6-B-SOCF002	03/14/2014 09:10:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.0043	0.0087	mg/Kg	U	
X7-ETR6-B-SOCF002	03/14/2014 09:10:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0026	0.0087	mg/Kg	U	
X7-ETR6-B-SOCF002	03/14/2014 09:10:00	8270C_LL_PAH	Chrysene	0.0043	0.0087	mg/Kg	U	
X7-ETR6-B-SOCF002	03/14/2014 09:10:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0043	0.0087	mg/Kg	U	
X7-ETR6-B-SOCF002	03/14/2014 09:10:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0043	0.0087	mg/Kg	U	
X7-ETR6-HA-SOCW008-0002	03/14/2014 09:15:00	8270C_LL_PAH	Benzo[a]anthracene	0.054	0.0085	mg/Kg		0.110847
X7-ETR6-HA-SOCW008-0002	03/14/2014 09:15:00	8270C_LL_PAH	Benzo[a]pyrene	0.08	0.0085	mg/Kg		
X7-ETR6-HA-SOCW008-0002	03/14/2014 09:15:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.11	0.0085	mg/Kg		
X7-ETR6-HA-SOCW008-0002	03/14/2014 09:15:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.038	0.0085	mg/Kg	M	
X7-ETR6-HA-SOCW008-0002	03/14/2014 09:15:00	8270C_LL_PAH	Chrysene	0.067	0.0085	mg/Kg		
X7-ETR6-HA-SOCW008-0002	03/14/2014 09:15:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.011	0.0085	mg/Kg		
X7-ETR6-HA-SOCW008-0002	03/14/2014 09:15:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.03	0.0085	mg/Kg		
X7-ETR6-IA-SOCW009-0002	03/14/2014 09:20:00	8270C_LL_PAH	Benzo[a]anthracene	0.015	0.0083	mg/Kg		0.03148
X7-ETR6-IA-SOCW009-0002	03/14/2014 09:20:00	8270C_LL_PAH	Benzo[a]pyrene	0.022	0.0083	mg/Kg		
X7-ETR6-IA-SOCW009-0002	03/14/2014 09:20:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.03	0.0083	mg/Kg	M	
X7-ETR6-IA-SOCW009-0002	03/14/2014 09:20:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.012	0.0083	mg/Kg	M	
X7-ETR6-IA-SOCW009-0002	03/14/2014 09:20:00	8270C_LL_PAH	Chrysene	0.02	0.0083	mg/Kg		
X7-ETR6-IA-SOCW009-0002	03/14/2014 09:20:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0041	0.0083	mg/Kg	U	
X7-ETR6-IA-SOCW009-0002	03/14/2014 09:20:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0074	0.0083	mg/Kg	J	
X7-ETR6-JA-SOCW010-0002	03/14/2014 09:25:00	8270C_LL_PAH	Benzo[a]anthracene	0.004	0.0081	mg/Kg	U	0.0086081
X7-ETR6-JA-SOCW010-0002	03/14/2014 09:25:00	8270C_LL_PAH	Benzo[a]pyrene	0.0033	0.0081	mg/Kg	J	
X7-ETR6-JA-SOCW010-0002	03/14/2014 09:25:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.0048	0.0081	mg/Kg	J	
X7-ETR6-JA-SOCW010-0002	03/14/2014 09:25:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0024	0.0081	mg/Kg	U M	
X7-ETR6-JA-SOCW010-0002	03/14/2014 09:25:00	8270C_LL_PAH	Chrysene	0.0041	0.0081	mg/Kg	J	
X7-ETR6-JA-SOCW010-0002	03/14/2014 09:25:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.004	0.0081	mg/Kg	U	
X7-ETR6-JA-SOCW010-0002	03/14/2014 09:25:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.004	0.0081	mg/Kg	U	
X7-ETR6-AA-SOCW001-0002	03/14/2014 09:30:00	8270C_LL_PAH	Benzo[a]anthracene	0.041	0.083	mg/Kg	U	0.068591
X7-ETR6-AA-SOCW001-0002	03/14/2014 09:30:00	8270C_LL_PAH	Benzo[a]pyrene	0.015	0.083	mg/Kg	U	
X7-ETR6-AA-SOCW001-0002	03/14/2014 09:30:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.041	0.083	mg/Kg	U	
X7-ETR6-AA-SOCW001-0002	03/14/2014 09:30:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.025	0.083	mg/Kg	U	
X7-ETR6-AA-SOCW001-0002	03/14/2014 09:30:00	8270C_LL_PAH	Chrysene	0.041	0.083	mg/Kg	U	
X7-ETR6-AA-SOCW001-0002	03/14/2014 09:30:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.041	0.083	mg/Kg	U	
X7-ETR6-AA-SOCW001-0002	03/14/2014 09:30:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.041	0.083	mg/Kg	U	

TABLE 3-7

EAST TRAP RANGE SOIL BaP EQUIVALENT CONCENTRATIONS - WALL AND FLOOR CONFIRMATION SAMPLES  
 UXO 7 IM SOIL REMOVAL CONFIRMATION SAMPLING  
 NSA CRANE, INDIANA  
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SAMPLE NAME	SAMPLE DATE	METHOD	ANALYTE	Result	RL	UNITS	ANOTE	BAP EQUIVALENT
X7-ETR7-AA-SOCW002-0204	03/14/2014 09:40:00	8270C_LL_PAH	Benzo[a]anthracene	0.004	0.0082	mg/Kg	U	0.006729
X7-ETR7-AA-SOCW002-0204	03/14/2014 09:40:00	8270C_LL_PAH	Benzo[a]pyrene	0.0015	0.0082	mg/Kg	U	
X7-ETR7-AA-SOCW002-0204	03/14/2014 09:40:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.004	0.0082	mg/Kg	U	
X7-ETR7-AA-SOCW002-0204	03/14/2014 09:40:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0025	0.0082	mg/Kg	U	
X7-ETR7-AA-SOCW002-0204	03/14/2014 09:40:00	8270C_LL_PAH	Chrysene	0.004	0.0082	mg/Kg	U	
X7-ETR7-AA-SOCW002-0204	03/14/2014 09:40:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.004	0.0082	mg/Kg	U	
X7-ETR7-AA-SOCW002-0204	03/14/2014 09:40:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.004	0.0082	mg/Kg	U	
X7-ETR7-BA-SOCW004-0204	03/14/2014 09:45:00	8270C_LL_PAH	Benzo[a]anthracene	0.0092	0.0085	mg/Kg		0.01933
X7-ETR7-BA-SOCW004-0204	03/14/2014 09:45:00	8270C_LL_PAH	Benzo[a]pyrene	0.012	0.0085	mg/Kg		
X7-ETR7-BA-SOCW004-0204	03/14/2014 09:45:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.017	0.0085	mg/Kg		
X7-ETR7-BA-SOCW004-0204	03/14/2014 09:45:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0079	0.0085	mg/Kg	J M	
X7-ETR7-BA-SOCW004-0204	03/14/2014 09:45:00	8270C_LL_PAH	Chrysene	0.011	0.0085	mg/Kg		
X7-ETR7-BA-SOCW004-0204	03/14/2014 09:45:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0042	0.0085	mg/Kg	U	
X7-ETR7-BA-SOCW004-0204	03/14/2014 09:45:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0042	0.0085	mg/Kg	U	
X7-ETR7-CA-SOCW006-0204	03/14/2014 09:50:00	8270C_LL_PAH	Benzo[a]anthracene	0.0041	0.0083	mg/Kg	U	0.0068591
X7-ETR7-CA-SOCW006-0204	03/14/2014 09:50:00	8270C_LL_PAH	Benzo[a]pyrene	0.0015	0.0083	mg/Kg	U	
X7-ETR7-CA-SOCW006-0204	03/14/2014 09:50:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.0041	0.0083	mg/Kg	U	
X7-ETR7-CA-SOCW006-0204	03/14/2014 09:50:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0025	0.0083	mg/Kg	U	
X7-ETR7-CA-SOCW006-0204	03/14/2014 09:50:00	8270C_LL_PAH	Chrysene	0.0041	0.0083	mg/Kg	U	
X7-ETR7-CA-SOCW006-0204	03/14/2014 09:50:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0041	0.0083	mg/Kg	U	
X7-ETR7-CA-SOCW006-0204	03/14/2014 09:50:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0041	0.0083	mg/Kg	U	
X7-ETR7-DA-SOCW008-0204	03/14/2014 09:55:00	8270C_LL_PAH	Benzo[a]anthracene	0.0041	0.0083	mg/Kg	U	0.0068591
X7-ETR7-DA-SOCW008-0204	03/14/2014 09:55:00	8270C_LL_PAH	Benzo[a]pyrene	0.0015	0.0083	mg/Kg	U	
X7-ETR7-DA-SOCW008-0204	03/14/2014 09:55:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.0041	0.0083	mg/Kg	U	
X7-ETR7-DA-SOCW008-0204	03/14/2014 09:55:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0025	0.0083	mg/Kg	U	
X7-ETR7-DA-SOCW008-0204	03/14/2014 09:55:00	8270C_LL_PAH	Chrysene	0.0041	0.0083	mg/Kg	U	
X7-ETR7-DA-SOCW008-0204	03/14/2014 09:55:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0041	0.0083	mg/Kg	U	
X7-ETR7-DA-SOCW008-0204	03/14/2014 09:55:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0041	0.0083	mg/Kg	U	
X7-ETR6-CA-SOCW003-0002	03/13/2014 10:15:00	8270C_LL_PAH	Benzo[a]anthracene	0.087	0.0082	mg/Kg		0.147726
X7-ETR6-CA-SOCW003-0002	03/13/2014 10:15:00	8270C_LL_PAH	Benzo[a]pyrene	0.1	0.0082	mg/Kg		
X7-ETR6-CA-SOCW003-0002	03/13/2014 10:15:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.13	0.0082	mg/Kg	M	
X7-ETR6-CA-SOCW003-0002	03/13/2014 10:15:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.063	0.0082	mg/Kg	M	
X7-ETR6-CA-SOCW003-0002	03/13/2014 10:15:00	8270C_LL_PAH	Chrysene	0.096	0.0082	mg/Kg		
X7-ETR6-CA-SOCW003-0002	03/13/2014 10:15:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.02	0.0082	mg/Kg		
X7-ETR6-CA-SOCW003-0002	03/13/2014 10:15:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.053	0.0082	mg/Kg		
X7-ETR6-DA-SOCW004-0002	03/13/2014 10:05:00	8270C_LL_PAH	Benzo[a]anthracene	0.011	0.0084	mg/Kg		0.019224
X7-ETR6-DA-SOCW004-0002	03/13/2014 10:05:00	8270C_LL_PAH	Benzo[a]pyrene	0.012	0.0084	mg/Kg		
X7-ETR6-DA-SOCW004-0002	03/13/2014 10:05:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.015	0.0084	mg/Kg	M	
X7-ETR6-DA-SOCW004-0002	03/13/2014 10:05:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0081	0.0084	mg/Kg	J M	
X7-ETR6-DA-SOCW004-0002	03/13/2014 10:05:00	8270C_LL_PAH	Chrysene	0.013	0.0084	mg/Kg		
X7-ETR6-DA-SOCW004-0002	03/13/2014 10:05:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0041	0.0084	mg/Kg	U	
X7-ETR6-DA-SOCW004-0002	03/13/2014 10:05:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0043	0.0084	mg/Kg	J	

TABLE 3-7

EAST TRAP RANGE SOIL BaP EQUIVALENT CONCENTRATIONS - WALL AND FLOOR CONFIRMATION SAMPLES  
 UXO 7 IM SOIL REMOVAL CONFIRMATION SAMPLING  
 NSA CRANE, INDIANA  
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SAMPLE NAME	SAMPLE DATE	METHOD	ANALYTE	Result	RL	UNITS	ANOTE	BAP EQUIVALENT
X7-ETR6-EA-SOCW005-0002	03/13/2014 10:00:00	8270C_LL_PAH	Benzo[a]anthracene	0.0043	0.0088	mg/Kg	U	0.0101903
X7-ETR6-EA-SOCW005-0002	03/13/2014 10:00:00	8270C_LL_PAH	Benzo[a]pyrene	0.0045	0.0088	mg/Kg	J	
X7-ETR6-EA-SOCW005-0002	03/13/2014 10:00:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.005	0.0088	mg/Kg	J M	
X7-ETR6-EA-SOCW005-0002	03/13/2014 10:00:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0026	0.0088	mg/Kg	U M	
X7-ETR6-EA-SOCW005-0002	03/13/2014 10:00:00	8270C_LL_PAH	Chrysene	0.0043	0.0088	mg/Kg	J	
X7-ETR6-EA-SOCW005-0002	03/13/2014 10:00:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0043	0.0088	mg/Kg	U	
X7-ETR6-EA-SOCW005-0002	03/13/2014 10:00:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0043	0.0088	mg/Kg	U	
X7-ETR6-FA-SOCW006-0002	03/13/2014 10:00:00	8270C_LL_PAH	Benzo[a]anthracene	0.23	0.0085	mg/Kg		0.42967
X7-ETR6-FA-SOCW006-0002	03/13/2014 10:00:00	8270C_LL_PAH	Benzo[a]pyrene	0.29	0.0085	mg/Kg		
X7-ETR6-FA-SOCW006-0002	03/13/2014 10:00:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.38	0.0085	mg/Kg	M	
X7-ETR6-FA-SOCW006-0002	03/13/2014 10:00:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.14	0.0085	mg/Kg	M	
X7-ETR6-FA-SOCW006-0002	03/13/2014 10:00:00	8270C_LL_PAH	Chrysene	0.27	0.0085	mg/Kg		
X7-ETR6-FA-SOCW006-0002	03/13/2014 10:00:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.06	0.0085	mg/Kg		
X7-ETR6-FA-SOCW006-0002	03/13/2014 10:00:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.17	0.0085	mg/Kg		
X7-ETR6-GA-SOCW007-0002	03/13/2014 14:50:00	8270C_LL_PAH	Benzo[a]anthracene	0.025	0.0087	mg/Kg		0.042876
X7-ETR6-GA-SOCW007-0002	03/13/2014 14:50:00	8270C_LL_PAH	Benzo[a]pyrene	0.029	0.0087	mg/Kg		
X7-ETR6-GA-SOCW007-0002	03/13/2014 14:50:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.038	0.0087	mg/Kg	M	
X7-ETR6-GA-SOCW007-0002	03/13/2014 14:50:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.015	0.0087	mg/Kg	M	
X7-ETR6-GA-SOCW007-0002	03/13/2014 14:50:00	8270C_LL_PAH	Chrysene	0.026	0.0087	mg/Kg		
X7-ETR6-GA-SOCW007-0002	03/13/2014 14:50:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0059	0.0087	mg/Kg	J	
X7-ETR6-GA-SOCW007-0002	03/13/2014 14:50:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.015	0.0087	mg/Kg		
X7-ETR7-AA-SOCW001-0002	03/13/2014 14:45:00	8270C_LL_PAH	Benzo[a]anthracene	0.018	0.0084	mg/Kg		0.030407
X7-ETR7-AA-SOCW001-0002	03/13/2014 14:45:00	8270C_LL_PAH	Benzo[a]pyrene	0.02	0.0084	mg/Kg		
X7-ETR7-AA-SOCW001-0002	03/13/2014 14:45:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.026	0.0084	mg/Kg	J M	
X7-ETR7-AA-SOCW001-0002	03/13/2014 14:45:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0089	0.0084	mg/Kg	M	
X7-ETR7-AA-SOCW001-0002	03/13/2014 14:45:00	8270C_LL_PAH	Chrysene	0.018	0.0084	mg/Kg		
X7-ETR7-AA-SOCW001-0002	03/13/2014 14:45:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0047	0.0084	mg/Kg	J	
X7-ETR7-AA-SOCW001-0002	03/13/2014 14:45:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.012	0.0084	mg/Kg		
X7-ETR3-FA-SOCW010-0204	03/13/2014 14:35:00	8270C_LL_PAH	Benzo[a]anthracene	0.0039	0.008	mg/Kg	U	0.0066979
X7-ETR3-FA-SOCW010-0204	03/13/2014 14:35:00	8270C_LL_PAH	Benzo[a]pyrene	0.0016	0.008	mg/Kg	J	
X7-ETR3-FA-SOCW010-0204	03/13/2014 14:35:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.0039	0.008	mg/Kg	U	
X7-ETR3-FA-SOCW010-0204	03/13/2014 14:35:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0024	0.008	mg/Kg	U	
X7-ETR3-FA-SOCW010-0204	03/13/2014 14:35:00	8270C_LL_PAH	Chrysene	0.0039	0.008	mg/Kg	U	
X7-ETR3-FA-SOCW010-0204	03/13/2014 14:35:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0039	0.008	mg/Kg	U	
X7-ETR3-FA-SOCW010-0204	03/13/2014 14:35:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0039	0.008	mg/Kg	U	
FD031314-06	03/13/2014 00:00:00	8270C_LL_PAH	Benzo[a]anthracene	0.0039	0.0079	mg/Kg	U	0.0074979
FD031314-06	03/13/2014 00:00:00	8270C_LL_PAH	Benzo[a]pyrene	0.0024	0.0079	mg/Kg	J	
FD031314-06	03/13/2014 00:00:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.0039	0.0079	mg/Kg	U M	
FD031314-06	03/13/2014 00:00:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0024	0.0079	mg/Kg	U M	
FD031314-06	03/13/2014 00:00:00	8270C_LL_PAH	Chrysene	0.0039	0.0079	mg/Kg	U	
FD031314-06	03/13/2014 00:00:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0039	0.0079	mg/Kg	U	
FD031314-06	03/13/2014 00:00:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0039	0.0079	mg/Kg	U	

TABLE 3-7

EAST TRAP RANGE SOIL BaP EQUIVALENT CONCENTRATIONS - WALL AND FLOOR CONFIRMATION SAMPLES  
 UXO 7 IM SOIL REMOVAL CONFIRMATION SAMPLING  
 NSA CRANE, INDIANA  
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SAMPLE NAME	SAMPLE DATE	METHOD	ANALYTE	Result	RL	UNITS	ANOTE	BAP EQUIVALENT
FD031314-07	03/13/2014 00:00:00	8270C_LL_PAH	Benzo[a]anthracene	0.004	0.0081	mg/Kg	U	0.006728
FD031314-07	03/13/2014 00:00:00	8270C_LL_PAH	Benzo[a]pyrene	0.0015	0.0081	mg/Kg	U	
FD031314-07	03/13/2014 00:00:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.004	0.0081	mg/Kg	U	
FD031314-07	03/13/2014 00:00:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0024	0.0081	mg/Kg	U	
FD031314-07	03/13/2014 00:00:00	8270C_LL_PAH	Chrysene	0.004	0.0081	mg/Kg	U	
FD031314-07	03/13/2014 00:00:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.004	0.0081	mg/Kg	U	
FD031314-07	03/13/2014 00:00:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.004	0.0081	mg/Kg	U	
FD031314-08	03/13/2014 00:00:00	8270C_LL_PAH	Benzo[a]anthracene	0.02	0.0081	mg/Kg		0.034362
FD031314-08	03/13/2014 00:00:00	8270C_LL_PAH	Benzo[a]pyrene	0.023	0.0081	mg/Kg		
FD031314-08	03/13/2014 00:00:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.029	0.0081	mg/Kg	M	
FD031314-08	03/13/2014 00:00:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.014	0.0081	mg/Kg	M	
FD031314-08	03/13/2014 00:00:00	8270C_LL_PAH	Chrysene	0.022	0.0081	mg/Kg		
FD031314-08	03/13/2014 00:00:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0051	0.0081	mg/Kg	J	
FD031314-08	03/13/2014 00:00:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.012	0.0081	mg/Kg		

QUALIFIER

- J - Estimated: The analyte was positively identified; the quantitation is an estimation
- M - Manual integrated compound.
- U - Undetected at the Limit of Detection.

BaP Equivalent Concentrations in Trap Range Soil Samples	Total Residential Cancer Risk Levels
 ≥ 1.5 mg/kg	≥ 1 X 10 <sup>-4</sup>
 ≥ 0.15 mg/kg to < 1.5 mg/kg	≥ 1 X 10 <sup>-5</sup> to < 1 X 10 <sup>-4</sup>
 ≥ 0.015 mg/kg to < 0.15 mg/kg	≥ 1 X 10 <sup>-6</sup> to < 1 X 10 <sup>-5</sup>
 < 0.015 mg/kg	< 1 X 10 <sup>-6</sup>

TABLE 3-8

**EAST TRAP RANGE BaP EQUIVALENT SOIL CONCENTRATIONS FOR WALLS/FLOORS AT LIMITS OF EXCAVATION  
UXO 7 IM SOIL REMOVAL  
NSA CRANE, INDIANA  
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SAMPLE NAME	SAMPLE DATE	METHOD	ANALYTE	Result	RL	UNITS	ANOTE	BAP EQUIVALENT
X7-ETR5-DA-SOCW004-0002	03/05/2014 14:45:00	8270C Low level PAH	Benzo[a]anthracene	0.0044	0.0088	mg/Kg	U	0.0092504
X7-ETR5-DA-SOCW004-0002	03/05/2014 14:45:00	8270C Low level PAH	Benzo[a]pyrene	0.0035	0.0088	mg/Kg	J	
X7-ETR5-DA-SOCW004-0002	03/05/2014 14:45:00	8270C Low level PAH	Benzo[b]fluoranthene	0.0044	0.0088	mg/Kg	U	
X7-ETR5-DA-SOCW004-0002	03/05/2014 14:45:00	8270C Low level PAH	Benzo[k]fluoranthene	0.0026	0.0088	mg/Kg	U	
X7-ETR5-DA-SOCW004-0002	03/05/2014 14:45:00	8270C Low level PAH	Chrysene	0.0044	0.0088	mg/Kg	U	
X7-ETR5-DA-SOCW004-0002	03/05/2014 14:45:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.0044	0.0088	mg/Kg	U	
X7-ETR5-DA-SOCW004-0002	03/05/2014 14:45:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.0044	0.0088	mg/Kg	U	
X7-ETR4-A-SOCF001	03/05/2014 14:55:00	8270C Low level PAH	Benzo[a]anthracene	0.0045	0.0086	mg/Kg	J	0.0091224
X7-ETR4-A-SOCF001	03/05/2014 14:55:00	8270C Low level PAH	Benzo[a]pyrene	0.0036	0.0086	mg/Kg	J	
X7-ETR4-A-SOCF001	03/05/2014 14:55:00	8270C Low level PAH	Benzo[b]fluoranthene	0.0042	0.0086	mg/Kg	U	
X7-ETR4-A-SOCF001	03/05/2014 14:55:00	8270C Low level PAH	Benzo[k]fluoranthene	0.0028	0.0086	mg/Kg	J	
X7-ETR4-A-SOCF001	03/05/2014 14:55:00	8270C Low level PAH	Chrysene	0.0044	0.0086	mg/Kg	J	
X7-ETR4-A-SOCF001	03/05/2014 14:55:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.0042	0.0086	mg/Kg	U	
X7-ETR4-A-SOCF001	03/05/2014 14:55:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.0042	0.0086	mg/Kg	U	
X7-ETR4-AA-SOCW001-0001	03/05/2014 15:00:00	8270C Low level PAH	Benzo[a]anthracene	0.0046	0.0093	mg/Kg	U	0.0086126
X7-ETR4-AA-SOCW001-0001	03/05/2014 15:00:00	8270C Low level PAH	Benzo[a]pyrene	0.0026	0.0093	mg/Kg	J	
X7-ETR4-AA-SOCW001-0001	03/05/2014 15:00:00	8270C Low level PAH	Benzo[b]fluoranthene	0.0046	0.0093	mg/Kg	U	
X7-ETR4-AA-SOCW001-0001	03/05/2014 15:00:00	8270C Low level PAH	Benzo[k]fluoranthene	0.0028	0.0093	mg/Kg	U	
X7-ETR4-AA-SOCW001-0001	03/05/2014 15:00:00	8270C Low level PAH	Chrysene	0.0046	0.0093	mg/Kg	U	
X7-ETR4-AA-SOCW001-0001	03/05/2014 15:00:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.0046	0.0093	mg/Kg	U	
X7-ETR4-AA-SOCW001-0001	03/05/2014 15:00:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.0046	0.0093	mg/Kg	U	
X7-ETR4-BA-SOCW002-0001	03/05/2014 15:05:00	8270C Low level PAH	Benzo[a]anthracene	0.0044	0.0089	mg/Kg	U	0.0093514
X7-ETR4-BA-SOCW002-0001	03/05/2014 15:05:00	8270C Low level PAH	Benzo[a]pyrene	0.0036	0.0089	mg/Kg	J	
X7-ETR4-BA-SOCW002-0001	03/05/2014 15:05:00	8270C Low level PAH	Benzo[b]fluoranthene	0.0044	0.0089	mg/Kg	U	
X7-ETR4-BA-SOCW002-0001	03/05/2014 15:05:00	8270C Low level PAH	Benzo[k]fluoranthene	0.0027	0.0089	mg/Kg	U	
X7-ETR4-BA-SOCW002-0001	03/05/2014 15:05:00	8270C Low level PAH	Chrysene	0.0044	0.0089	mg/Kg	U	
X7-ETR4-BA-SOCW002-0001	03/05/2014 15:05:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.0044	0.0089	mg/Kg	U	
X7-ETR4-BA-SOCW002-0001	03/05/2014 15:05:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.0044	0.0089	mg/Kg	U	
X7-ETR4-CA-SOCW003-0001	03/05/2014 15:10:00	8270C Low level PAH	Benzo[a]anthracene	0.0066	0.0086	mg/Kg	J	0.0136649
X7-ETR4-CA-SOCW003-0001	03/05/2014 15:10:00	8270C Low level PAH	Benzo[a]pyrene	0.0074	0.0086	mg/Kg	J	
X7-ETR4-CA-SOCW003-0001	03/05/2014 15:10:00	8270C Low level PAH	Benzo[b]fluoranthene	0.0094	0.0086	mg/Kg	M	
X7-ETR4-CA-SOCW003-0001	03/05/2014 15:10:00	8270C Low level PAH	Benzo[k]fluoranthene	0.0038	0.0086	mg/Kg	J M	
X7-ETR4-CA-SOCW003-0001	03/05/2014 15:10:00	8270C Low level PAH	Chrysene	0.0069	0.0086	mg/Kg	J	
X7-ETR4-CA-SOCW003-0001	03/05/2014 15:10:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.0042	0.0086	mg/Kg	U	
X7-ETR4-CA-SOCW003-0001	03/05/2014 15:10:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.0042	0.0086	mg/Kg	U	

TABLE 3-8

**EAST TRAP RANGE BaP EQUIVALENT SOIL CONCENTRATIONS FOR WALLS/FLOORS AT LIMITS OF EXCAVATION  
UXO 7 IM SOIL REMOVAL  
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SAMPLE NAME	SAMPLE DATE	METHOD	ANALYTE	Result	RL	UNITS	ANOTE	BAP EQUIVALENT
X7-ETR5-A-SOCF001	03/05/2014 14:25:00	8270C Low level PAH	Benzo[a]anthracene	0.0042	0.0085	mg/Kg	U	0.0072892
X7-ETR5-A-SOCF001	03/05/2014 14:25:00	8270C Low level PAH	Benzo[a]pyrene	0.0018	0.0085	mg/Kg	J	
X7-ETR5-A-SOCF001	03/05/2014 14:25:00	8270C Low level PAH	Benzo[b]fluoranthene	0.0042	0.0085	mg/Kg	U	
X7-ETR5-A-SOCF001	03/05/2014 14:25:00	8270C Low level PAH	Benzo[k]fluoranthene	0.0025	0.0085	mg/Kg	U	
X7-ETR5-A-SOCF001	03/05/2014 14:25:00	8270C Low level PAH	Chrysene	0.0042	0.0085	mg/Kg	U	
X7-ETR5-A-SOCF001	03/05/2014 14:25:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.0042	0.0085	mg/Kg	U	
X7-ETR5-A-SOCF001	03/05/2014 14:25:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.0042	0.0085	mg/Kg	U	
X7-ETR5-AA-SOCW001-0002	03/05/2014 14:30:00	8270C Low level PAH	Benzo[a]anthracene	0.0062	0.0089	mg/Kg	J	0.0139064
X7-ETR5-AA-SOCW001-0002	03/05/2014 14:30:00	8270C Low level PAH	Benzo[a]pyrene	0.0074	0.0089	mg/Kg	J	
X7-ETR5-AA-SOCW001-0002	03/05/2014 14:30:00	8270C Low level PAH	Benzo[b]fluoranthene	0.01	0.0089	mg/Kg		
X7-ETR5-AA-SOCW001-0002	03/05/2014 14:30:00	8270C Low level PAH	Benzo[k]fluoranthene	0.0039	0.0089	mg/Kg	J M	
X7-ETR5-AA-SOCW001-0002	03/05/2014 14:30:00	8270C Low level PAH	Chrysene	0.0074	0.0089	mg/Kg	J	
X7-ETR5-AA-SOCW001-0002	03/05/2014 14:30:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.0044	0.0089	mg/Kg	U	
X7-ETR5-AA-SOCW001-0002	03/05/2014 14:30:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.0044	0.0089	mg/Kg	U	
X7-ETR5-BA-SOCW002-0002	03/05/2014 14:35:00	8270C Low level PAH	Benzo[a]anthracene	0.0044	0.009	mg/Kg	U	0.0076514
X7-ETR5-BA-SOCW002-0002	03/05/2014 14:35:00	8270C Low level PAH	Benzo[a]pyrene	0.0019	0.009	mg/Kg	J	
X7-ETR5-BA-SOCW002-0002	03/05/2014 14:35:00	8270C Low level PAH	Benzo[b]fluoranthene	0.0044	0.009	mg/Kg	U	
X7-ETR5-BA-SOCW002-0002	03/05/2014 14:35:00	8270C Low level PAH	Benzo[k]fluoranthene	0.0027	0.009	mg/Kg	U	
X7-ETR5-BA-SOCW002-0002	03/05/2014 14:35:00	8270C Low level PAH	Chrysene	0.0044	0.009	mg/Kg	U	
X7-ETR5-BA-SOCW002-0002	03/05/2014 14:35:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.0044	0.009	mg/Kg	U	
X7-ETR5-BA-SOCW002-0002	03/05/2014 14:35:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.0044	0.009	mg/Kg	U	
X7-ETR5-CA-SOCW003-0002	03/05/2014 14:40:00	8270C Low level PAH	Benzo[a]anthracene	0.0045	0.0091	mg/Kg	U	0.0116815
X7-ETR5-CA-SOCW003-0002	03/05/2014 14:40:00	8270C Low level PAH	Benzo[a]pyrene	0.0053	0.0091	mg/Kg	J	
X7-ETR5-CA-SOCW003-0002	03/05/2014 14:40:00	8270C Low level PAH	Benzo[b]fluoranthene	0.0095	0.0091	mg/Kg		
X7-ETR5-CA-SOCW003-0002	03/05/2014 14:40:00	8270C Low level PAH	Benzo[k]fluoranthene	0.0027	0.0091	mg/Kg	U M	
X7-ETR5-CA-SOCW003-0002	03/05/2014 14:40:00	8270C Low level PAH	Chrysene	0.0045	0.0091	mg/Kg	U	
X7-ETR5-CA-SOCW003-0002	03/05/2014 14:40:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.0045	0.0091	mg/Kg	U	
X7-ETR5-CA-SOCW003-0002	03/05/2014 14:40:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.0045	0.0091	mg/Kg	U	
X7-ETR1-AA-SOCW001-0001	03/13/2014 12:10:00	8270C Low level PAH	Benzo[a]anthracene	0.0083	0.0086	mg/Kg	J	0.0163941
X7-ETR1-AA-SOCW001-0001	03/13/2014 12:10:00	8270C Low level PAH	Benzo[a]pyrene	0.0097	0.0086	mg/Kg		
X7-ETR1-AA-SOCW001-0001	03/13/2014 12:10:00	8270C Low level PAH	Benzo[b]fluoranthene	0.012	0.0086	mg/Kg	M	
X7-ETR1-AA-SOCW001-0001	03/13/2014 12:10:00	8270C Low level PAH	Benzo[k]fluoranthene	0.0035	0.0086	mg/Kg	J M	
X7-ETR1-AA-SOCW001-0001	03/13/2014 12:10:00	8270C Low level PAH	Chrysene	0.0091	0.0086	mg/Kg		
X7-ETR1-AA-SOCW001-0001	03/13/2014 12:10:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.0042	0.0086	mg/Kg	U	
X7-ETR1-AA-SOCW001-0001	03/13/2014 12:10:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.0042	0.0086	mg/Kg	U	

TABLE 3-8

**EAST TRAP RANGE BaP EQUIVALENT SOIL CONCENTRATIONS FOR WALLS/FLOORS AT LIMITS OF EXCAVATION  
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SAMPLE NAME	SAMPLE DATE	METHOD	ANALYTE	Result	RL	UNITS	ANOTE	BAP EQUIVALENT
X7-ETR2-FA-SOCW007-0002	03/13/2014 13:30:00	8270C Low level PAH	Benzo[a]anthracene	0.0066	0.0083	mg/Kg	J	0.0138354
X7-ETR2-FA-SOCW007-0002	03/13/2014 13:30:00	8270C Low level PAH	Benzo[a]pyrene	0.0076	0.0083	mg/Kg	J	
X7-ETR2-FA-SOCW007-0002	03/13/2014 13:30:00	8270C Low level PAH	Benzo[b]fluoranthene	0.01	0.0083	mg/Kg	M	
X7-ETR2-FA-SOCW007-0002	03/13/2014 13:30:00	8270C Low level PAH	Benzo[k]fluoranthene	0.0058	0.0083	mg/Kg	J M	
X7-ETR2-FA-SOCW007-0002	03/13/2014 13:30:00	8270C Low level PAH	Chrysene	0.0074	0.0083	mg/Kg	J	
X7-ETR2-FA-SOCW007-0002	03/13/2014 13:30:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.0041	0.0083	mg/Kg	U	
X7-ETR2-FA-SOCW007-0002	03/13/2014 13:30:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.0041	0.0083	mg/Kg	U	
X7-ETR2-A-SOCF001	03/13/2014 12:35:00	8270C Low level PAH	Benzo[a]anthracene	0.01	0.0082	mg/Kg		0.01914
X7-ETR2-A-SOCF001	03/13/2014 12:35:00	8270C Low level PAH	Benzo[a]pyrene	0.012	0.0082	mg/Kg		
X7-ETR2-A-SOCF001	03/13/2014 12:35:00	8270C Low level PAH	Benzo[b]fluoranthene	0.016	0.0082	mg/Kg	M	
X7-ETR2-A-SOCF001	03/13/2014 12:35:00	8270C Low level PAH	Benzo[k]fluoranthene	0.0068	0.0082	mg/Kg	J M	
X7-ETR2-A-SOCF001	03/13/2014 12:35:00	8270C Low level PAH	Chrysene	0.012	0.0082	mg/Kg		
X7-ETR2-A-SOCF001	03/13/2014 12:35:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.004	0.0082	mg/Kg	U	
X7-ETR2-A-SOCF001	03/13/2014 12:35:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.0046	0.0082	mg/Kg	J	
X7-ETR3-AA-SOCW001-0204	03/13/2014 13:55:00	8270C Low level PAH	Benzo[a]anthracene	0.004	0.0081	mg/Kg	U	0.007428
X7-ETR3-AA-SOCW001-0204	03/13/2014 13:55:00	8270C Low level PAH	Benzo[a]pyrene	0.0022	0.0081	mg/Kg	J	
X7-ETR3-AA-SOCW001-0204	03/13/2014 13:55:00	8270C Low level PAH	Benzo[b]fluoranthene	0.004	0.0081	mg/Kg	U M	
X7-ETR3-AA-SOCW001-0204	03/13/2014 13:55:00	8270C Low level PAH	Benzo[k]fluoranthene	0.0024	0.0081	mg/Kg	U M	
X7-ETR3-AA-SOCW001-0204	03/13/2014 13:55:00	8270C Low level PAH	Chrysene	0.004	0.0081	mg/Kg	U	
X7-ETR3-AA-SOCW001-0204	03/13/2014 13:55:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.004	0.0081	mg/Kg	U	
X7-ETR3-AA-SOCW001-0204	03/13/2014 13:55:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.004	0.0081	mg/Kg	U	
X7-ETR3-CA-SOCW004-0102	03/13/2014 14:00:00	8270C Low level PAH	Benzo[a]anthracene	0.081	0.0083	mg/Kg		0.152159
X7-ETR3-CA-SOCW004-0102	03/13/2014 14:00:00	8270C Low level PAH	Benzo[a]pyrene	0.11	0.0083	mg/Kg		
X7-ETR3-CA-SOCW004-0102	03/13/2014 14:00:00	8270C Low level PAH	Benzo[b]fluoranthene	0.13	0.0083	mg/Kg		
X7-ETR3-CA-SOCW004-0102	03/13/2014 14:00:00	8270C Low level PAH	Benzo[k]fluoranthene	0.066	0.0083	mg/Kg	M	
X7-ETR3-CA-SOCW004-0102	03/13/2014 14:00:00	8270C Low level PAH	Chrysene	0.099	0.0083	mg/Kg		
X7-ETR3-CA-SOCW004-0102	03/13/2014 14:00:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.016	0.0083	mg/Kg		
X7-ETR3-CA-SOCW004-0102	03/13/2014 14:00:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.043	0.0083	mg/Kg		
X7-ETR3-CA-SOCW005-0204	03/13/2014 14:05:00	8270C Low level PAH	Benzo[a]anthracene	0.0049	0.0083	mg/Kg	J	0.0117115
X7-ETR3-CA-SOCW005-0204	03/13/2014 14:05:00	8270C Low level PAH	Benzo[a]pyrene	0.0059	0.0083	mg/Kg	J	
X7-ETR3-CA-SOCW005-0204	03/13/2014 14:05:00	8270C Low level PAH	Benzo[b]fluoranthene	0.0077	0.0083	mg/Kg	J	
X7-ETR3-CA-SOCW005-0204	03/13/2014 14:05:00	8270C Low level PAH	Benzo[k]fluoranthene	0.0036	0.0083	mg/Kg	J M	
X7-ETR3-CA-SOCW005-0204	03/13/2014 14:05:00	8270C Low level PAH	Chrysene	0.0055	0.0083	mg/Kg	J	
X7-ETR3-CA-SOCW005-0204	03/13/2014 14:05:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.0041	0.0083	mg/Kg	U	
X7-ETR3-CA-SOCW005-0204	03/13/2014 14:05:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.0041	0.0083	mg/Kg	U	

TABLE 3-8

**EAST TRAP RANGE BaP EQUIVALENT SOIL CONCENTRATIONS FOR WALLS/FLOORS AT LIMITS OF EXCAVATION  
UXO 7 IM SOIL REMOVAL  
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SAMPLE NAME	SAMPLE DATE	METHOD	ANALYTE	Result	RL	UNITS	ANOTE	BAP EQUIVALENT
X7-ETR3-DA-SOCW006-0102	03/13/2014 14:15:00	8270C Low level PAH	Benzo[a]anthracene	0.034	0.0083	mg/Kg		0.059029
X7-ETR3-DA-SOCW006-0102	03/13/2014 14:15:00	8270C Low level PAH	Benzo[a]pyrene	0.042	0.0083	mg/Kg		
X7-ETR3-DA-SOCW006-0102	03/13/2014 14:15:00	8270C Low level PAH	Benzo[b]fluoranthene	0.056	0.0083	mg/Kg		
X7-ETR3-DA-SOCW006-0102	03/13/2014 14:15:00	8270C Low level PAH	Benzo[k]fluoranthene	0.019	0.0083	mg/Kg	M	
X7-ETR3-DA-SOCW006-0102	03/13/2014 14:15:00	8270C Low level PAH	Chrysene	0.039	0.0083	mg/Kg		
X7-ETR3-DA-SOCW006-0102	03/13/2014 14:15:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.0063	0.0083	mg/Kg	J	
X7-ETR3-DA-SOCW006-0102	03/13/2014 14:15:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.015	0.0083	mg/Kg		
X7-ETR3-DA-SOCW007-0204	03/13/2014 14:20:00	8270C Low level PAH	Benzo[a]anthracene	0.004	0.0082	mg/Kg	U	0.006729
X7-ETR3-DA-SOCW007-0204	03/13/2014 14:20:00	8270C Low level PAH	Benzo[a]pyrene	0.0015	0.0082	mg/Kg	U	
X7-ETR3-DA-SOCW007-0204	03/13/2014 14:20:00	8270C Low level PAH	Benzo[b]fluoranthene	0.004	0.0082	mg/Kg	U	
X7-ETR3-DA-SOCW007-0204	03/13/2014 14:20:00	8270C Low level PAH	Benzo[k]fluoranthene	0.0025	0.0082	mg/Kg	U	
X7-ETR3-DA-SOCW007-0204	03/13/2014 14:20:00	8270C Low level PAH	Chrysene	0.004	0.0082	mg/Kg	U	
X7-ETR3-DA-SOCW007-0204	03/13/2014 14:20:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.004	0.0082	mg/Kg	U	
X7-ETR3-DA-SOCW007-0204	03/13/2014 14:20:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.004	0.0082	mg/Kg	U	
X7-ETR3-EA-SOCW008-0002	03/13/2014 14:25:00	8270C Low level PAH	Benzo[a]anthracene	0.012	0.0086	mg/Kg		0.020699
X7-ETR3-EA-SOCW008-0002	03/13/2014 14:25:00	8270C Low level PAH	Benzo[a]pyrene	0.013	0.0086	mg/Kg		
X7-ETR3-EA-SOCW008-0002	03/13/2014 14:25:00	8270C Low level PAH	Benzo[b]fluoranthene	0.018	0.0086	mg/Kg	M	
X7-ETR3-EA-SOCW008-0002	03/13/2014 14:25:00	8270C Low level PAH	Benzo[k]fluoranthene	0.0066	0.0086	mg/Kg	J M	
X7-ETR3-EA-SOCW008-0002	03/13/2014 14:25:00	8270C Low level PAH	Chrysene	0.013	0.0086	mg/Kg		
X7-ETR3-EA-SOCW008-0002	03/13/2014 14:25:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.0042	0.0086	mg/Kg	U	
X7-ETR3-EA-SOCW008-0002	03/13/2014 14:25:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.0042	0.0086	mg/Kg	U	
X7-ETR3-EA-SOCW009-0204	03/13/2014 14:30:00	8270C Low level PAH	Benzo[a]anthracene	0.0043	0.0087	mg/Kg	U	0.0072203
X7-ETR3-EA-SOCW009-0204	03/13/2014 14:30:00	8270C Low level PAH	Benzo[a]pyrene	0.0016	0.0087	mg/Kg	U	
X7-ETR3-EA-SOCW009-0204	03/13/2014 14:30:00	8270C Low level PAH	Benzo[b]fluoranthene	0.0043	0.0087	mg/Kg	U	
X7-ETR3-EA-SOCW009-0204	03/13/2014 14:30:00	8270C Low level PAH	Benzo[k]fluoranthene	0.0026	0.0087	mg/Kg	U	
X7-ETR3-EA-SOCW009-0204	03/13/2014 14:30:00	8270C Low level PAH	Chrysene	0.0043	0.0087	mg/Kg	U	
X7-ETR3-EA-SOCW009-0204	03/13/2014 14:30:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.0043	0.0087	mg/Kg	U	
X7-ETR3-EA-SOCW009-0204	03/13/2014 14:30:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.0043	0.0087	mg/Kg	U	
X7-ETR3-A-SOCF0001	03/13/2014 13:45:00	8270C Low level PAH	Benzo[a]anthracene	0.0043	0.0088	mg/Kg	U	0.0072203
X7-ETR3-A-SOCF0001	03/13/2014 13:45:00	8270C Low level PAH	Benzo[a]pyrene	0.0016	0.0088	mg/Kg	U	
X7-ETR3-A-SOCF0001	03/13/2014 13:45:00	8270C Low level PAH	Benzo[b]fluoranthene	0.0043	0.0088	mg/Kg	U	
X7-ETR3-A-SOCF0001	03/13/2014 13:45:00	8270C Low level PAH	Benzo[k]fluoranthene	0.0026	0.0088	mg/Kg	U	
X7-ETR3-A-SOCF0001	03/13/2014 13:45:00	8270C Low level PAH	Chrysene	0.0043	0.0088	mg/Kg	U	
X7-ETR3-A-SOCF0001	03/13/2014 13:45:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.0043	0.0088	mg/Kg	U	
X7-ETR3-A-SOCF0001	03/13/2014 13:45:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.0043	0.0088	mg/Kg	U	

TABLE 3-8

**EAST TRAP RANGE BaP EQUIVALENT SOIL CONCENTRATIONS FOR WALLS/FLOORS AT LIMITS OF EXCAVATION  
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SAMPLE NAME	SAMPLE DATE	METHOD	ANALYTE	Result	RL	UNITS	ANOTE	BAP EQUIVALENT
X7-ETR1-BA-SOCW002-0001	03/13/2014 12:20:00	8270C Low level PAH	Benzo[a]anthracene	0.0087	0.0087	mg/Kg		0.0161568
X7-ETR1-BA-SOCW002-0001	03/13/2014 12:20:00	8270C Low level PAH	Benzo[a]pyrene	0.0092	0.0087	mg/Kg		
X7-ETR1-BA-SOCW002-0001	03/13/2014 12:20:00	8270C Low level PAH	Benzo[b]fluoranthene	0.013	0.0087	mg/Kg	M	
X7-ETR1-BA-SOCW002-0001	03/13/2014 12:20:00	8270C Low level PAH	Benzo[k]fluoranthene	0.0047	0.0087	mg/Kg	J M	
X7-ETR1-BA-SOCW002-0001	03/13/2014 12:20:00	8270C Low level PAH	Chrysene	0.0098	0.0087	mg/Kg		
X7-ETR1-BA-SOCW002-0001	03/13/2014 12:20:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.0043	0.0087	mg/Kg	U	
X7-ETR1-BA-SOCW002-0001	03/13/2014 12:20:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.0043	0.0087	mg/Kg	U	
X7-ETR6-BA-SOCW002-0002	03/13/2014 10:15:00	8270C Low level PAH	Benzo[a]anthracene	0.014	0.008	mg/Kg		0.023305
X7-ETR6-BA-SOCW002-0002	03/13/2014 10:15:00	8270C Low level PAH	Benzo[a]pyrene	0.015	0.008	mg/Kg		
X7-ETR6-BA-SOCW002-0002	03/13/2014 10:15:00	8270C Low level PAH	Benzo[b]fluoranthene	0.024	0.008	mg/Kg		
X7-ETR6-BA-SOCW002-0002	03/13/2014 10:15:00	8270C Low level PAH	Benzo[k]fluoranthene	0.0089	0.008	mg/Kg	M	
X7-ETR6-BA-SOCW002-0002	03/13/2014 10:15:00	8270C Low level PAH	Chrysene	0.016	0.008	mg/Kg		
X7-ETR6-BA-SOCW002-0002	03/13/2014 10:15:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.004	0.008	mg/Kg	U	
X7-ETR6-BA-SOCW002-0002	03/13/2014 10:15:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.004	0.008	mg/Kg	J	
X7-ETR1-A-SOCF001	03/13/2014 12:05:00	8270C Low level PAH	Benzo[a]anthracene	0.046	0.0083	mg/Kg		0.075801
X7-ETR1-A-SOCF001	03/13/2014 12:05:00	8270C Low level PAH	Benzo[a]pyrene	0.053	0.0083	mg/Kg		
X7-ETR1-A-SOCF001	03/13/2014 12:05:00	8270C Low level PAH	Benzo[b]fluoranthene	0.07	0.0083	mg/Kg	M	
X7-ETR1-A-SOCF001	03/13/2014 12:05:00	8270C Low level PAH	Benzo[k]fluoranthene	0.025	0.0083	mg/Kg	M	
X7-ETR1-A-SOCF001	03/13/2014 12:05:00	8270C Low level PAH	Chrysene	0.051	0.0083	mg/Kg		
X7-ETR1-A-SOCF001	03/13/2014 12:05:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.0089	0.0083	mg/Kg		
X7-ETR1-A-SOCF001	03/13/2014 12:05:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.02	0.0083	mg/Kg		
X7-ETR2-AA-SOCW001-0102	03/13/2014 12:45:00	8270C Low level PAH	Benzo[a]anthracene	0.037	0.0085	mg/Kg		0.058862
X7-ETR2-AA-SOCW001-0102	03/13/2014 12:45:00	8270C Low level PAH	Benzo[a]pyrene	0.042	0.0085	mg/Kg		
X7-ETR2-AA-SOCW001-0102	03/13/2014 12:45:00	8270C Low level PAH	Benzo[b]fluoranthene	0.05	0.0085	mg/Kg	M	
X7-ETR2-AA-SOCW001-0102	03/13/2014 12:45:00	8270C Low level PAH	Benzo[k]fluoranthene	0.022	0.0085	mg/Kg	M	
X7-ETR2-AA-SOCW001-0102	03/13/2014 12:45:00	8270C Low level PAH	Chrysene	0.042	0.0085	mg/Kg		
X7-ETR2-AA-SOCW001-0102	03/13/2014 12:45:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.0066	0.0085	mg/Kg	J	
X7-ETR2-AA-SOCW001-0102	03/13/2014 12:45:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.013	0.0085	mg/Kg		
X7-ETR2-AB-SOCW002-0102	03/13/2014 12:50:00	8270C Low level PAH	Benzo[a]anthracene	0.041	0.0084	mg/Kg		0.038623
X7-ETR2-AB-SOCW002-0102	03/13/2014 12:50:00	8270C Low level PAH	Benzo[a]pyrene	0.016	0.0084	mg/Kg		
X7-ETR2-AB-SOCW002-0102	03/13/2014 12:50:00	8270C Low level PAH	Benzo[b]fluoranthene	0.069	0.0084	mg/Kg		
X7-ETR2-AB-SOCW002-0102	03/13/2014 12:50:00	8270C Low level PAH	Benzo[k]fluoranthene	0.027	0.0084	mg/Kg	M	
X7-ETR2-AB-SOCW002-0102	03/13/2014 12:50:00	8270C Low level PAH	Chrysene	0.053	0.0084	mg/Kg		
X7-ETR2-AB-SOCW002-0102	03/13/2014 12:50:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.0082	0.0084	mg/Kg	J	
X7-ETR2-AB-SOCW002-0102	03/13/2014 12:50:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.031	0.0084	mg/Kg		

TABLE 3-8

**EAST TRAP RANGE BaP EQUIVALENT SOIL CONCENTRATIONS FOR WALLS/FLOORS AT LIMITS OF EXCAVATION  
UXO 7 IM SOIL REMOVAL  
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SAMPLE NAME	SAMPLE DATE	METHOD	ANALYTE	Result	RL	UNITS	ANOTE	BAP EQUIVALENT
X7-ETR2-BA-SOCW003-0002	03/13/2014 13:05:00	8270C Low level PAH	Benzo[a]anthracene	0.024	0.0086	mg/Kg		0.0448
X7-ETR2-BA-SOCW003-0002	03/13/2014 13:05:00	8270C Low level PAH	Benzo[a]pyrene	0.031	0.0086	mg/Kg		
X7-ETR2-BA-SOCW003-0002	03/13/2014 13:05:00	8270C Low level PAH	Benzo[b]fluoranthene	0.04	0.0086	mg/Kg		
X7-ETR2-BA-SOCW003-0002	03/13/2014 13:05:00	8270C Low level PAH	Benzo[k]fluoranthene	0.017	0.0086	mg/Kg	M	
X7-ETR2-BA-SOCW003-0002	03/13/2014 13:05:00	8270C Low level PAH	Chrysene	0.03	0.0086	mg/Kg		
X7-ETR2-BA-SOCW003-0002	03/13/2014 13:05:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.0054	0.0086	mg/Kg	J	
X7-ETR2-BA-SOCW003-0002	03/13/2014 13:05:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.018	0.0086	mg/Kg		
X7-ETR2-CA-SOCW004-0002	03/13/2014 13:10:00	8270C Low level PAH	Benzo[a]anthracene	0.031	0.0084	mg/Kg		0.058268
X7-ETR2-CA-SOCW004-0002	03/13/2014 13:10:00	8270C Low level PAH	Benzo[a]pyrene	0.043	0.0084	mg/Kg		
X7-ETR2-CA-SOCW004-0002	03/13/2014 13:10:00	8270C Low level PAH	Benzo[b]fluoranthene	0.055	0.0084	mg/Kg		
X7-ETR2-CA-SOCW004-0002	03/13/2014 13:10:00	8270C Low level PAH	Benzo[k]fluoranthene	0.023	0.0084	mg/Kg	M	
X7-ETR2-CA-SOCW004-0002	03/13/2014 13:10:00	8270C Low level PAH	Chrysene	0.038	0.0084	mg/Kg		
X7-ETR2-CA-SOCW004-0002	03/13/2014 13:10:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.0049	0.0084	mg/Kg	J	
X7-ETR2-CA-SOCW004-0002	03/13/2014 13:10:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.015	0.0084	mg/Kg		
X7-ETR2-DA-SOCW005-0002	03/13/2014 13:20:00	8270C Low level PAH	Benzo[a]anthracene	0.077	0.0085	mg/Kg		0.134874
X7-ETR2-DA-SOCW005-0002	03/13/2014 13:20:00	8270C Low level PAH	Benzo[a]pyrene	0.094	0.0085	mg/Kg		
X7-ETR2-DA-SOCW005-0002	03/13/2014 13:20:00	8270C Low level PAH	Benzo[b]fluoranthene	0.13	0.0085	mg/Kg		
X7-ETR2-DA-SOCW005-0002	03/13/2014 13:20:00	8270C Low level PAH	Benzo[k]fluoranthene	0.058	0.0085	mg/Kg	M	
X7-ETR2-DA-SOCW005-0002	03/13/2014 13:20:00	8270C Low level PAH	Chrysene	0.094	0.0085	mg/Kg		
X7-ETR2-DA-SOCW005-0002	03/13/2014 13:20:00	8270C Low level PAH	Dibenz(a,h)anthracene	0.015	0.0085	mg/Kg		
X7-ETR2-DA-SOCW005-0002	03/13/2014 13:20:00	8270C Low level PAH	Indeno[1,2,3-cd]pyrene	0.045	0.0085	mg/Kg		
X7-ETR2-EA-SOCW006-0002	03/14/2014 10:05:00	8270C_LL_PAH	Benzo[a]anthracene	0.042	0.0086	mg/Kg		0.035061
X7-ETR2-EA-SOCW006-0002	03/14/2014 10:05:00	8270C_LL_PAH	Benzo[a]pyrene	0.016	0.0086	mg/Kg		
X7-ETR2-EA-SOCW006-0002	03/14/2014 10:05:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.07	0.0086	mg/Kg		
X7-ETR2-EA-SOCW006-0002	03/14/2014 10:05:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.031	0.0086	mg/Kg	M	
X7-ETR2-EA-SOCW006-0002	03/14/2014 10:05:00	8270C_LL_PAH	Chrysene	0.051	0.0086	mg/Kg		
X7-ETR2-EA-SOCW006-0002	03/14/2014 10:05:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0053	0.0086	mg/Kg	J	
X7-ETR2-EA-SOCW006-0002	03/14/2014 10:05:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.022	0.0086	mg/Kg		
X7-ETR6-A-SOCF001	03/14/2014 09:00:00	8270C_LL_PAH	Benzo[a]anthracene	0.0046	0.0081	mg/Kg	J	0.0100773
X7-ETR6-A-SOCF001	03/14/2014 09:00:00	8270C_LL_PAH	Benzo[a]pyrene	0.0045	0.0081	mg/Kg	J	
X7-ETR6-A-SOCF001	03/14/2014 09:00:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.0068	0.0081	mg/Kg	J	
X7-ETR6-A-SOCF001	03/14/2014 09:00:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0032	0.0081	mg/Kg	J M	
X7-ETR6-A-SOCF001	03/14/2014 09:00:00	8270C_LL_PAH	Chrysene	0.0053	0.0081	mg/Kg	J	
X7-ETR6-A-SOCF001	03/14/2014 09:00:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.004	0.0081	mg/Kg	U	
X7-ETR6-A-SOCF001	03/14/2014 09:00:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.004	0.0081	mg/Kg	U	

TABLE 3-8

**EAST TRAP RANGE BaP EQUIVALENT SOIL CONCENTRATIONS FOR WALLS/FLOORS AT LIMITS OF EXCAVATION  
UXO 7 IM SOIL REMOVAL  
NSA CRANE, INDIANA  
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SAMPLE NAME	SAMPLE DATE	METHOD	ANALYTE	Result	RL	UNITS	ANOTE	BAP EQUIVALENT
X7-ETR6-B-SOCF002	03/14/2014 09:10:00	8270C_LL_PAH	Benzo[a]anthracene	0.0043	0.0087	mg/Kg	U	0.0072203
X7-ETR6-B-SOCF002	03/14/2014 09:10:00	8270C_LL_PAH	Benzo[a]pyrene	0.0016	0.0087	mg/Kg	U	
X7-ETR6-B-SOCF002	03/14/2014 09:10:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.0043	0.0087	mg/Kg	U	
X7-ETR6-B-SOCF002	03/14/2014 09:10:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0026	0.0087	mg/Kg	U	
X7-ETR6-B-SOCF002	03/14/2014 09:10:00	8270C_LL_PAH	Chrysene	0.0043	0.0087	mg/Kg	U	
X7-ETR6-B-SOCF002	03/14/2014 09:10:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0043	0.0087	mg/Kg	U	
X7-ETR6-B-SOCF002	03/14/2014 09:10:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0043	0.0087	mg/Kg	U	
X7-ETR6-HA-SOCW008-0002	03/14/2014 09:15:00	8270C_LL_PAH	Benzo[a]anthracene	0.054	0.0085	mg/Kg		0.110847
X7-ETR6-HA-SOCW008-0002	03/14/2014 09:15:00	8270C_LL_PAH	Benzo[a]pyrene	0.08	0.0085	mg/Kg		
X7-ETR6-HA-SOCW008-0002	03/14/2014 09:15:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.11	0.0085	mg/Kg		
X7-ETR6-HA-SOCW008-0002	03/14/2014 09:15:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.038	0.0085	mg/Kg	M	
X7-ETR6-HA-SOCW008-0002	03/14/2014 09:15:00	8270C_LL_PAH	Chrysene	0.067	0.0085	mg/Kg		
X7-ETR6-HA-SOCW008-0002	03/14/2014 09:15:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.011	0.0085	mg/Kg		
X7-ETR6-HA-SOCW008-0002	03/14/2014 09:15:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.03	0.0085	mg/Kg		
X7-ETR6-IA-SOCW009-0002	03/14/2014 09:20:00	8270C_LL_PAH	Benzo[a]anthracene	0.015	0.0083	mg/Kg		0.03148
X7-ETR6-IA-SOCW009-0002	03/14/2014 09:20:00	8270C_LL_PAH	Benzo[a]pyrene	0.022	0.0083	mg/Kg		
X7-ETR6-IA-SOCW009-0002	03/14/2014 09:20:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.03	0.0083	mg/Kg	M	
X7-ETR6-IA-SOCW009-0002	03/14/2014 09:20:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.012	0.0083	mg/Kg	M	
X7-ETR6-IA-SOCW009-0002	03/14/2014 09:20:00	8270C_LL_PAH	Chrysene	0.02	0.0083	mg/Kg		
X7-ETR6-IA-SOCW009-0002	03/14/2014 09:20:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0041	0.0083	mg/Kg	U	
X7-ETR6-IA-SOCW009-0002	03/14/2014 09:20:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0074	0.0083	mg/Kg	J	
X7-ETR6-JA-SOCW010-0002	03/14/2014 09:25:00	8270C_LL_PAH	Benzo[a]anthracene	0.004	0.0081	mg/Kg	U	0.0086081
X7-ETR6-JA-SOCW010-0002	03/14/2014 09:25:00	8270C_LL_PAH	Benzo[a]pyrene	0.0033	0.0081	mg/Kg	J	
X7-ETR6-JA-SOCW010-0002	03/14/2014 09:25:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.0048	0.0081	mg/Kg	J	
X7-ETR6-JA-SOCW010-0002	03/14/2014 09:25:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0024	0.0081	mg/Kg	U M	
X7-ETR6-JA-SOCW010-0002	03/14/2014 09:25:00	8270C_LL_PAH	Chrysene	0.0041	0.0081	mg/Kg	J	
X7-ETR6-JA-SOCW010-0002	03/14/2014 09:25:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.004	0.0081	mg/Kg	U	
X7-ETR6-JA-SOCW010-0002	03/14/2014 09:25:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.004	0.0081	mg/Kg	U	
X7-ETR6-AA-SOCW001-0002	03/14/2014 09:30:00	8270C_LL_PAH	Benzo[a]anthracene	0.041	0.083	mg/Kg	U	0.068591
X7-ETR6-AA-SOCW001-0002	03/14/2014 09:30:00	8270C_LL_PAH	Benzo[a]pyrene	0.015	0.083	mg/Kg	U	
X7-ETR6-AA-SOCW001-0002	03/14/2014 09:30:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.041	0.083	mg/Kg	U	
X7-ETR6-AA-SOCW001-0002	03/14/2014 09:30:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.025	0.083	mg/Kg	U	
X7-ETR6-AA-SOCW001-0002	03/14/2014 09:30:00	8270C_LL_PAH	Chrysene	0.041	0.083	mg/Kg	U	
X7-ETR6-AA-SOCW001-0002	03/14/2014 09:30:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.041	0.083	mg/Kg	U	
X7-ETR6-AA-SOCW001-0002	03/14/2014 09:30:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.041	0.083	mg/Kg	U	

TABLE 3-8

**EAST TRAP RANGE BaP EQUIVALENT SOIL CONCENTRATIONS FOR WALLS/FLOORS AT LIMITS OF EXCAVATION  
UXO 7 IM SOIL REMOVAL  
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SAMPLE NAME	SAMPLE DATE	METHOD	ANALYTE	Result	RL	UNITS	ANOTE	BAP EQUIVALENT
X7-ETR7-AA-SOCW002-0204	03/14/2014 09:40:00	8270C_LL_PAH	Benzo[a]anthracene	0.004	0.0082	mg/Kg	U	0.006729
X7-ETR7-AA-SOCW002-0204	03/14/2014 09:40:00	8270C_LL_PAH	Benzo[a]pyrene	0.0015	0.0082	mg/Kg	U	
X7-ETR7-AA-SOCW002-0204	03/14/2014 09:40:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.004	0.0082	mg/Kg	U	
X7-ETR7-AA-SOCW002-0204	03/14/2014 09:40:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0025	0.0082	mg/Kg	U	
X7-ETR7-AA-SOCW002-0204	03/14/2014 09:40:00	8270C_LL_PAH	Chrysene	0.004	0.0082	mg/Kg	U	
X7-ETR7-AA-SOCW002-0204	03/14/2014 09:40:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.004	0.0082	mg/Kg	U	
X7-ETR7-AA-SOCW002-0204	03/14/2014 09:40:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.004	0.0082	mg/Kg	U	
X7-ETR7-BA-SOCW004-0204	03/14/2014 09:45:00	8270C_LL_PAH	Benzo[a]anthracene	0.0092	0.0085	mg/Kg		0.01933
X7-ETR7-BA-SOCW004-0204	03/14/2014 09:45:00	8270C_LL_PAH	Benzo[a]pyrene	0.012	0.0085	mg/Kg		
X7-ETR7-BA-SOCW004-0204	03/14/2014 09:45:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.017	0.0085	mg/Kg		
X7-ETR7-BA-SOCW004-0204	03/14/2014 09:45:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0079	0.0085	mg/Kg	J M	
X7-ETR7-BA-SOCW004-0204	03/14/2014 09:45:00	8270C_LL_PAH	Chrysene	0.011	0.0085	mg/Kg		
X7-ETR7-BA-SOCW004-0204	03/14/2014 09:45:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0042	0.0085	mg/Kg	U	
X7-ETR7-BA-SOCW004-0204	03/14/2014 09:45:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0042	0.0085	mg/Kg	U	
X7-ETR7-CA-SOCW006-0204	03/14/2014 09:50:00	8270C_LL_PAH	Benzo[a]anthracene	0.0041	0.0083	mg/Kg	U	0.0068591
X7-ETR7-CA-SOCW006-0204	03/14/2014 09:50:00	8270C_LL_PAH	Benzo[a]pyrene	0.0015	0.0083	mg/Kg	U	
X7-ETR7-CA-SOCW006-0204	03/14/2014 09:50:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.0041	0.0083	mg/Kg	U	
X7-ETR7-CA-SOCW006-0204	03/14/2014 09:50:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0025	0.0083	mg/Kg	U	
X7-ETR7-CA-SOCW006-0204	03/14/2014 09:50:00	8270C_LL_PAH	Chrysene	0.0041	0.0083	mg/Kg	U	
X7-ETR7-CA-SOCW006-0204	03/14/2014 09:50:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0041	0.0083	mg/Kg	U	
X7-ETR7-CA-SOCW006-0204	03/14/2014 09:50:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0041	0.0083	mg/Kg	U	
X7-ETR7-DA-SOCW008-0204	03/14/2014 09:55:00	8270C_LL_PAH	Benzo[a]anthracene	0.0041	0.0083	mg/Kg	U	0.0068591
X7-ETR7-DA-SOCW008-0204	03/14/2014 09:55:00	8270C_LL_PAH	Benzo[a]pyrene	0.0015	0.0083	mg/Kg	U	
X7-ETR7-DA-SOCW008-0204	03/14/2014 09:55:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.0041	0.0083	mg/Kg	U	
X7-ETR7-DA-SOCW008-0204	03/14/2014 09:55:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0025	0.0083	mg/Kg	U	
X7-ETR7-DA-SOCW008-0204	03/14/2014 09:55:00	8270C_LL_PAH	Chrysene	0.0041	0.0083	mg/Kg	U	
X7-ETR7-DA-SOCW008-0204	03/14/2014 09:55:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0041	0.0083	mg/Kg	U	
X7-ETR7-DA-SOCW008-0204	03/14/2014 09:55:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0041	0.0083	mg/Kg	U	
X7-ETR6-CA-SOCW003-0002	03/13/2014 10:15:00	8270C_LL_PAH	Benzo[a]anthracene	0.087	0.0082	mg/Kg		0.147726
X7-ETR6-CA-SOCW003-0002	03/13/2014 10:15:00	8270C_LL_PAH	Benzo[a]pyrene	0.1	0.0082	mg/Kg		
X7-ETR6-CA-SOCW003-0002	03/13/2014 10:15:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.13	0.0082	mg/Kg	M	
X7-ETR6-CA-SOCW003-0002	03/13/2014 10:15:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.063	0.0082	mg/Kg	M	
X7-ETR6-CA-SOCW003-0002	03/13/2014 10:15:00	8270C_LL_PAH	Chrysene	0.096	0.0082	mg/Kg		
X7-ETR6-CA-SOCW003-0002	03/13/2014 10:15:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.02	0.0082	mg/Kg		
X7-ETR6-CA-SOCW003-0002	03/13/2014 10:15:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.053	0.0082	mg/Kg		

TABLE 3-8

**EAST TRAP RANGE BaP EQUIVALENT SOIL CONCENTRATIONS FOR WALLS/FLOORS AT LIMITS OF EXCAVATION  
UXO 7 IM SOIL REMOVAL  
NSA CRANE, INDIANA  
PAGE 9 OF 10**

SAMPLE NAME	SAMPLE DATE	METHOD	ANALYTE	Result	RL	UNITS	ANOTE	BAP EQUIVALENT
X7-ETR6-DA-SOCW004-0002	03/13/2014 10:05:00	8270C_LL_PAH	Benzo[a]anthracene	0.011	0.0084	mg/Kg		0.019224
X7-ETR6-DA-SOCW004-0002	03/13/2014 10:05:00	8270C_LL_PAH	Benzo[a]pyrene	0.012	0.0084	mg/Kg		
X7-ETR6-DA-SOCW004-0002	03/13/2014 10:05:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.015	0.0084	mg/Kg	M	
X7-ETR6-DA-SOCW004-0002	03/13/2014 10:05:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0081	0.0084	mg/Kg	J M	
X7-ETR6-DA-SOCW004-0002	03/13/2014 10:05:00	8270C_LL_PAH	Chrysene	0.013	0.0084	mg/Kg		
X7-ETR6-DA-SOCW004-0002	03/13/2014 10:05:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0041	0.0084	mg/Kg	U	
X7-ETR6-DA-SOCW004-0002	03/13/2014 10:05:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0043	0.0084	mg/Kg	J	
X7-ETR6-EA-SOCW005-0002	03/13/2014 10:00:00	8270C_LL_PAH	Benzo[a]anthracene	0.0043	0.0088	mg/Kg	U	0.0101903
X7-ETR6-EA-SOCW005-0002	03/13/2014 10:00:00	8270C_LL_PAH	Benzo[a]pyrene	0.0045	0.0088	mg/Kg	J	
X7-ETR6-EA-SOCW005-0002	03/13/2014 10:00:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.005	0.0088	mg/Kg	J M	
X7-ETR6-EA-SOCW005-0002	03/13/2014 10:00:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0026	0.0088	mg/Kg	U M	
X7-ETR6-EA-SOCW005-0002	03/13/2014 10:00:00	8270C_LL_PAH	Chrysene	0.0043	0.0088	mg/Kg	J	
X7-ETR6-EA-SOCW005-0002	03/13/2014 10:00:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0043	0.0088	mg/Kg	U	
X7-ETR6-EA-SOCW005-0002	03/13/2014 10:00:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0043	0.0088	mg/Kg	U	
X7-ETR6-FA-SOCW006-0002	03/13/2014 10:00:00	8270C_LL_PAH	Benzo[a]anthracene	0.23	0.0085	mg/Kg		0.42967
X7-ETR6-FA-SOCW006-0002	03/13/2014 10:00:00	8270C_LL_PAH	Benzo[a]pyrene	0.29	0.0085	mg/Kg		
X7-ETR6-FA-SOCW006-0002	03/13/2014 10:00:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.38	0.0085	mg/Kg	M	
X7-ETR6-FA-SOCW006-0002	03/13/2014 10:00:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.14	0.0085	mg/Kg	M	
X7-ETR6-FA-SOCW006-0002	03/13/2014 10:00:00	8270C_LL_PAH	Chrysene	0.27	0.0085	mg/Kg		
X7-ETR6-FA-SOCW006-0002	03/13/2014 10:00:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.06	0.0085	mg/Kg		
X7-ETR6-FA-SOCW006-0002	03/13/2014 10:00:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.17	0.0085	mg/Kg		
X7-ETR6-GA-SOCW007-0002	03/13/2014 14:50:00	8270C_LL_PAH	Benzo[a]anthracene	0.025	0.0087	mg/Kg		0.042876
X7-ETR6-GA-SOCW007-0002	03/13/2014 14:50:00	8270C_LL_PAH	Benzo[a]pyrene	0.029	0.0087	mg/Kg		
X7-ETR6-GA-SOCW007-0002	03/13/2014 14:50:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.038	0.0087	mg/Kg	M	
X7-ETR6-GA-SOCW007-0002	03/13/2014 14:50:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.015	0.0087	mg/Kg	M	
X7-ETR6-GA-SOCW007-0002	03/13/2014 14:50:00	8270C_LL_PAH	Chrysene	0.026	0.0087	mg/Kg		
X7-ETR6-GA-SOCW007-0002	03/13/2014 14:50:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0059	0.0087	mg/Kg	J	
X7-ETR6-GA-SOCW007-0002	03/13/2014 14:50:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.015	0.0087	mg/Kg		
X7-ETR7-AA-SOCW001-0002	03/13/2014 14:45:00	8270C_LL_PAH	Benzo[a]anthracene	0.018	0.0084	mg/Kg		0.030407
X7-ETR7-AA-SOCW001-0002	03/13/2014 14:45:00	8270C_LL_PAH	Benzo[a]pyrene	0.02	0.0084	mg/Kg		
X7-ETR7-AA-SOCW001-0002	03/13/2014 14:45:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.026	0.0084	mg/Kg	J M	
X7-ETR7-AA-SOCW001-0002	03/13/2014 14:45:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0089	0.0084	mg/Kg	M	
X7-ETR7-AA-SOCW001-0002	03/13/2014 14:45:00	8270C_LL_PAH	Chrysene	0.018	0.0084	mg/Kg		
X7-ETR7-AA-SOCW001-0002	03/13/2014 14:45:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0047	0.0084	mg/Kg	J	
X7-ETR7-AA-SOCW001-0002	03/13/2014 14:45:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.012	0.0084	mg/Kg		

TABLE 3-8

EAST TRAP RANGE BaP EQUIVALENT SOIL CONCENTRATIONS FOR WALLS/FLOORS AT LIMITS OF EXCAVATION  
 UXO 7 IM SOIL REMOVAL  
 NSA CRANE, INDIANA  
 PAGE 10 OF 10

SAMPLE NAME	SAMPLE DATE	METHOD	ANALYTE	Result	RL	UNITS	ANOTE	BAP EQUIVALENT
X7-ETR3-FA-SOCW010-0204	03/13/2014 14:35:00	8270C_LL_PAH	Benzo[a]anthracene	0.0039	0.008	mg/Kg	U	0.0066979
X7-ETR3-FA-SOCW010-0204	03/13/2014 14:35:00	8270C_LL_PAH	Benzo[a]pyrene	0.0016	0.008	mg/Kg	J	
X7-ETR3-FA-SOCW010-0204	03/13/2014 14:35:00	8270C_LL_PAH	Benzo[b]fluoranthene	0.0039	0.008	mg/Kg	U	
X7-ETR3-FA-SOCW010-0204	03/13/2014 14:35:00	8270C_LL_PAH	Benzo[k]fluoranthene	0.0024	0.008	mg/Kg	U	
X7-ETR3-FA-SOCW010-0204	03/13/2014 14:35:00	8270C_LL_PAH	Chrysene	0.0039	0.008	mg/Kg	U	
X7-ETR3-FA-SOCW010-0204	03/13/2014 14:35:00	8270C_LL_PAH	Dibenz(a,h)anthracene	0.0039	0.008	mg/Kg	U	
X7-ETR3-FA-SOCW010-0204	03/13/2014 14:35:00	8270C_LL_PAH	Indeno[1,2,3-cd]pyrene	0.0039	0.008	mg/Kg	U	

QUALIFIER

J - Estimated: The analyte was positively identified; the quantitation is an estimation

M - Manual integrated compound.

U - Undetected at the Limit of Detection.

BaP Equivalent Concentrations in Trap Range Soil Samples	Total Residential Cancer Risk Levels
 $\geq 1.5$ mg/kg	$\geq 1 \times 10^{-4}$
 $\geq 0.15$ mg/kg to $< 1.5$ mg/kg	$\geq 1 \times 10^{-5}$ to $< 1 \times 10^{-4}$
 $\geq 0.015$ mg/kg to $< 0.15$ mg/kg	$\geq 1 \times 10^{-6}$ to $< 1 \times 10^{-5}$
 $< 0.015$ mg/kg	$< 1 \times 10^{-6}$

TABLE 3-9

**UXO 7 SOIL LEAD LABORATORY DATA RESULTS**  
**IM SOIL REMOVAL CONFIRMATION SAMPLING (DRAINAGE AREA, BERM AREA, AND DIRT MOUND AREA)**  
**NSA CRANE, INDIANA**  
**PAGE 1 OF 6**

SAMPLE NAME	SAMPLE DATE	METHOD CODE	ANALYTE	RESULT	UNITS	DATA QUALIFIER
<b>BERM AREAS (BA) 1 -10</b>						
X7-BA1-FA-SOCW029-0002	03/20/2014 15:10:00	6010C Metals (ICP)	Lead	98	mg/Kg	
X7-BA1-A-SOCF001	03/20/2014 15:15:00	6010C Metals (ICP)	Lead	190	mg/Kg	
X7-BA1-B-SOCF002	03/26/2014 13:10:00	6010C Metals (ICP)	Lead	180	mg/Kg	
X7-BA1-AA-SOCW001-0002	03/20/2014 16:00:00	6010C Metals (ICP)	Lead	140	mg/Kg	
X7-BA1-C-SOCF003	03/26/2014 13:20:00	6010C Metals (ICP)	Lead	88	mg/Kg	J
X7-BA1-D-SOCF004	03/26/2014 13:25:00	6010C Metals (ICP)	Lead	70	mg/Kg	
X7-BA1-AB-SOCW004-0002	03/26/2014 13:30:00	6010C Metals (ICP)	Lead	120	mg/Kg	
X7-BA1-DA-SOCW022-0002	03/26/2014 14:05:00	6010C Metals (ICP)	Lead	290	mg/Kg	
X7-BA1-DB-SOCW025-0002	03/26/2014 14:15:00	6010C Metals (ICP)	Lead	200	mg/Kg	
X7-BA1-BA-SOCW032-0002	03/27/2014 15:40:00	6010C Metals (ICP)	Lead	270	mg/Kg	J
X7-BA1-CA-SOCW033-0002	03/27/2014 15:45:00	6010C Metals (ICP)	Lead	190	mg/Kg	
X7-BA1-CB-SOCW034-0002	03/27/2014 15:55:00	6010C Metals (ICP)	Lead	260	mg/Kg	
X7-BA1-AC-SOCW036-0002	03/31/2014 13:00:00	6010C	Lead	81	mg/Kg	J
X7-BA1-AD-SOCW035-0002	03/31/2014 13:05:00	6010C	Lead	60	mg/Kg	
X7-BA2-BA-SOCW002-0002	03/03/2014 14:50:00	6010C Metals (ICP)	Lead	190	mg/Kg	
X7-BA2-CA-SOCW003-0002	03/03/2014 14:55:00	6010C Metals (ICP)	Lead	150	mg/Kg	
X7-BA2-DA-SOCW004-0002	03/03/2014 15:00:00	6010C Metals (ICP)	Lead	210	mg/Kg	
X7-BA2-A-SOCF002	03/18/2014 13:15:00	6010C	Lead	9.3	mg/Kg	J
X7-BA3-A-SOCF001	03/03/2014 15:20:00	6010C Metals (ICP)	Lead	26	mg/Kg	
X7-BA3-AA-SOCW001-0002	03/03/2014 15:25:00	6010C Metals (ICP)	Lead	86	mg/Kg	
X7-BA3-BA-SOCW002-0002	03/03/2014 15:30:00	6010C Metals (ICP)	Lead	220	mg/Kg	
X7-BA3-CA-SOCW003-0002	03/03/2014 15:35:00	6010C Metals (ICP)	Lead	160	mg/Kg	
X7-BA3-DA-SOCW004-0002	03/03/2014 15:40:00	6010C Metals (ICP)	Lead	290	mg/Kg	
X7-BA4-A-SOCF001	03/19/2014 13:05:00	6010C Metals (ICP)	Lead	53	mg/Kg	
X7-BA4-B-SOCF002	03/19/2014 13:15:00	6010C Metals (ICP)	Lead	58	mg/Kg	
X7-BA4-AA-SOCW002-0204	03/19/2014 13:50:00	6010C Metals (ICP)	Lead	32	mg/Kg	J

TABLE 3-9

**UXO 7 SOIL LEAD LABORATORY DATA RESULTS**  
**IM SOIL REMOVAL CONFIRMATION SAMPLING (DRAINAGE AREA, BERM AREA, AND DIRT MOUND AREA)**  
**NSA CRANE, INDIANA**  
**PAGE 2 OF 6**

SAMPLE NAME	SAMPLE DATE	METHOD CODE	ANALYTE	RESULT	UNITS	DATA QUALIFIER
X7-BA4-BA-SOCW003-0002	03/19/2014 13:55:00	6010C Metals (ICP)	Lead	17	mg/Kg	
X7-BA4-BA-SOCW004-0204	03/19/2014 14:00:00	6010C Metals (ICP)	Lead	46	mg/Kg	
X7-BA4-CA-SOCW005-0002	03/20/2014 09:30:00	6010C Metals (ICP)	Lead	190	mg/Kg	
X7-BA4-AA-SOCW009-0002	03/27/2014 12:35:00	6010C Metals (ICP)	Lead	58	mg/Kg	
X7-BA4-CA-SOCW010-0002	03/27/2014 12:40:00	6010C Metals (ICP)	Lead	100	mg/Kg	
X7-BA4-CA-SOCW011-0204	03/27/2014 12:45:00	6010C Metals (ICP)	Lead	420	mg/Kg	
X7-BA4-DA-SOCW014-0204	03/31/2014 12:40:00	6010C	Lead	580	mg/Kg	
X7-BA4-CA-SOCW019-0204	04/15/2014 15:50:00	6010C	Lead	140	mg/Kg	J
X7-BA4-CA-SOCW020-0204	04/15/2014 16:00:00	6010C	Lead	290	mg/Kg	
X7-BA4-EA-SOCW021-0204	04/15/2014 16:15:00	6010C	Lead	120	mg/Kg	
X7-BA4-EA-SOCW022-0204	04/15/2014 16:25:00	6010C	Lead	140	mg/Kg	
X7-BA4-EA-SOCW023-0204	04/15/2014 16:40:00	6010C	Lead	200	mg/Kg	
X7-BA4-EA-SOCW024-0204	04/15/2014 16:55:00	6010C	Lead	240	mg/Kg	
X7-BA4-C-SOCF003	04/16/2014 15:30:00	6010C	Lead	150	mg/Kg	
X7-BA5-EA-SOCW017-0305	03/04/2014 10:15:00	6010C Metals (ICP)	Lead	87	mg/Kg	
X7-BA5-FA-SOCW020-0405	03/04/2014 10:20:00	6010C Metals (ICP)	Lead	180	mg/Kg	
X7-BA5-DA-SOCW016-0405	03/04/2014 10:40:00	6010C Metals (ICP)	Lead	41	mg/Kg	
X7-BA5-DA-SOCW015-0204	03/04/2014 10:50:00	6010C Metals (ICP)	Lead	25	mg/Kg	
X7-BA5-A-SOCF001	03/05/2014 12:00:00	6010C Metals (ICP)	Lead	14	mg/Kg	
X7-BA5-B-SOCF002	03/10/2014 12:45:00	6010C Metals (ICP)	Lead	51	mg/Kg	
X7-BA5-C-SOCF003	03/10/2014 12:50:00	6010C Metals (ICP)	Lead	100	mg/Kg	
X7-BA5-AA-SOCW001-0002	03/10/2014 13:05:00	6010C Metals (ICP)	Lead	23	mg/Kg	J
X7-BA5-AA-SOCW002-0204	03/10/2014 13:10:00	6010C Metals (ICP)	Lead	12	mg/Kg	
X7-BA5-AA-SOCW003-0405	03/10/2014 13:15:00	6010C Metals (ICP)	Lead	9.5	mg/Kg	
X7-BA5-AB-SOCW004-0002	03/10/2014 13:25:00	6010C Metals (ICP)	Lead	37	mg/Kg	
X7-BA5-AB-SOCW005-0204	03/10/2014 13:30:00	6010C Metals (ICP)	Lead	11	mg/Kg	
X7-BA5-AB-SOCW006-0405	03/10/2014 13:35:00	6010C Metals (ICP)	Lead	10	mg/Kg	

TABLE 3-9

**UXO 7 SOIL LEAD LABORATORY DATA RESULTS**  
**IM SOIL REMOVAL CONFIRMATION SAMPLING (DRAINAGE AREA, BERM AREA, AND DIRT MOUND AREA)**  
**NSA CRANE, INDIANA**  
**PAGE 3 OF 6**

SAMPLE NAME	SAMPLE DATE	METHOD CODE	ANALYTE	RESULT	UNITS	DATA QUALIFIER
X7-BA5-BA-SOCW007-0002	03/10/2014 14:30:00	6010C Metals (ICP)	Lead	17	mg/Kg	
X7-BA5-BA-SOCW008-0204	03/10/2014 14:35:00	6010C Metals (ICP)	Lead	10	mg/Kg	
X7-BA5-BA-SOCW009-0405	03/10/2014 14:40:00	6010C Metals (ICP)	Lead	10	mg/Kg	
X7-BA5-CA-SOCW011-0405	03/10/2014 14:50:00	6010C Metals (ICP)	Lead	26	mg/Kg	
X7-BA5-CB-SOCW012-0204	03/10/2014 15:00:00	6010C Metals (ICP)	Lead	20	mg/Kg	
X7-BA5-CB-SOCW013-0405	03/10/2014 15:05:00	6010C Metals (ICP)	Lead	24	mg/Kg	
X7-BA5-GA-SOCW021-0405	03/11/2014 15:00:00	6010C Metals (ICP)	Lead	27	mg/Kg	
X7-BA5-GB-SOCW022-0405	03/11/2014 15:05:00	6010C Metals (ICP)	Lead	140	mg/Kg	J
X7-BA5-DA-SOCW025-0002	03/12/2014 13:00:00	6010C Metals (ICP)	Lead	320	mg/Kg	
X7-BA5-FA-SOCW026-0002	03/20/2014 09:15:00	6010C Metals (ICP)	Lead	200	mg/Kg	
X7-BA5-FA-SOCW027-0003	03/20/2014 09:25:00	6010C Metals (ICP)	Lead	120	mg/Kg	J
X7-BA6-BA-SOCW003-0002	03/11/2014 14:25:00	6010C Metals (ICP)	Lead	140	mg/Kg	
X7-BA6-AB-SOCW002-0002	03/19/2014 12:50:00	6010C Metals (ICP)	Lead	470	mg/Kg	
X7-BA6-A-SOCF001	03/20/2014 14:30:00	6010C Metals (ICP)	Lead	350	mg/Kg	
X7-BA6-AB-SOCW002-0002	03/20/2014 15:00:00	6010C Metals (ICP)	Lead	270	mg/Kg	
X7-BA6-BA-SOCW003-0002	03/20/2014 15:10:00	6010C Metals (ICP)	Lead	64	mg/Kg	
X7-BA6-BB-SOCW004-0002	03/20/2014 15:15:00	6010C Metals (ICP)	Lead	1100	mg/Kg	
X7-BA6-CA-SOCW005-0002	03/20/2014 15:20:00	6010C Metals (ICP)	Lead	260	mg/Kg	
X7-BA6-CB-SOCW006-0002	03/20/2014 15:30:00	6010C Metals (ICP)	Lead	200	mg/Kg	
X7-BA6-B-SOCF005	03/26/2014 13:00:00	6010C Metals (ICP)	Lead	17	mg/Kg	
X7-BA6-D-SOCF007	03/26/2014 13:20:00	6010C Metals (ICP)	Lead	9.4	mg/Kg	
X7-BA6-DA-SOCW007-0204	03/26/2014 13:40:00	6010C Metals (ICP)	Lead	25	mg/Kg	
X7-BA6-EA-SOCW008-0204	03/26/2014 13:45:00	6010C Metals (ICP)	Lead	20	mg/Kg	
X7-BA6-AB-SOCW011-0204	03/27/2014 11:45:00	6010C Metals (ICP)	Lead	140	mg/Kg	
X7-BA6-BB-SOCW012-0002	03/27/2014 11:50:00	6010C Metals (ICP)	Lead	17	mg/Kg	
X7-BA6-BB-SOCW013-0204	03/27/2014 11:55:00	6010C Metals (ICP)	Lead	11	mg/Kg	
X7-BA6-AB-SOCW015-0002	03/31/2014 12:35:00	6010C	Lead	370	mg/Kg	

TABLE 3-9

**UXO 7 SOIL LEAD LABORATORY DATA RESULTS**  
**IM SOIL REMOVAL CONFIRMATION SAMPLING (DRAINAGE AREA, BERM AREA, AND DIRT MOUND AREA)**  
**NSA CRANE, INDIANA**  
**PAGE 4 OF 6**

SAMPLE NAME	SAMPLE DATE	METHOD CODE	ANALYTE	RESULT	UNITS	DATA QUALIFIER
X7-BA6-A-SOCF008	04/02/2014 11:10:00	6010C	Lead	15	mg/Kg	J
X7-BA6-AA-SOCW017-002	04/02/2014 11:00:00	6010C	Lead	280	mg/Kg	
X7-BA7-A-SOCF001	02/27/2014 10:15:00	6010C Metals (ICP)	Lead	40	mg/Kg	
X7-BA7-AA-SOCW001-0002	02/27/2014 10:20:00	6010C Metals (ICP)	Lead	200	mg/Kg	
X7-BA7-DA-SOCW004-0002	02/27/2014 10:30:00	6010C Metals (ICP)	Lead	170	mg/Kg	
X7-BA7-CA-SOCW003-0002	02/27/2014 10:35:00	6010C Metals (ICP)	Lead	230	mg/Kg	
X7-BA7-BA-SOCW005-0002	03/11/2014 12:15:00	6010C Metals (ICP)	Lead	330	mg/Kg	
X7-BA8-BA-SOCW003-0002	02/25/2014 14:15:00	6010C Metals (ICP)	Lead	220	mg/Kg	
X7-BA8-BA-SOCW004-0203	02/25/2014 14:25:00	6010C Metals (ICP)	Lead	24	mg/Kg	
X7-BA8-AA-SOCW001-0002	02/25/2014 14:30:00	6010C Metals (ICP)	Lead	1200	mg/Kg	J
X7-BA8-AA-SOCW002-0203	02/25/2014 14:45:00	6010C Metals (ICP)	Lead	16	mg/Kg	
X7-BA8-A-SOCF001	02/25/2014 15:10:00	6010C Metals (ICP)	Lead	40	mg/Kg	
X7-BA8-BB-SOCW005-0002	02/26/2014 09:40:00	6010C Metals (ICP)	Lead	220	mg/Kg	J
X7-BA8-BB-SOCW005-0002	02/26/2014 09:40:00	6010C Metals (ICP)	Lead	220	mg/Kg	J
X7-BA8-BB-SOCW006-0203	02/26/2014 09:55:00	6010C Metals (ICP)	Lead	47	mg/Kg	
X7-BA8-BB-SOCW006-0203	02/26/2014 09:55:00	6010C Metals (ICP)	Lead	47	mg/Kg	
X7-BA8-B-SOCF002	02/26/2014 10:45:00	6010C Metals (ICP)	Lead	48	mg/Kg	
X7-BA8-B-SOCF002	02/26/2014 10:45:00	6010C Metals (ICP)	Lead	48	mg/Kg	
X7-BA8-AA-SOCW011-0002	02/26/2014 16:30:00	6010C Metals (ICP)	Lead	300	mg/Kg	J
X7-BA8-CA-SOCW013-0203	02/27/2014 09:40:00	6010C Metals (ICP)	Lead	140	mg/Kg	
X7-BA8-DA-SOCW018-0203	03/04/2014 09:50:00	6010C Metals (ICP)	Lead	440	mg/Kg	J
X7-BA8-DA-SOCW022-0203	03/11/2014 12:35:00	6010C Metals (ICP)	Lead	160	mg/Kg	
X7-BA8-C-SOCF003	03/20/2014 09:05:00	6010C Metals (ICP)	Lead	350	mg/Kg	J
X7-BA8-CA-SOCW023-0002	03/20/2014 09:10:00	6010C Metals (ICP)	Lead	390	mg/Kg	
X7-BA8-CA-SOCW024-0002	03/27/2014 12:10:00	6010C Metals (ICP)	Lead	200	mg/Kg	
X7-BA9-A-SOCF0001	02/27/2014 13:10:00	6010C Metals (ICP)	Lead	49	mg/Kg	
X7-BA9-AA-SOCW001-0002	02/27/2014 13:15:00	6010C Metals (ICP)	Lead	200	mg/Kg	J

TABLE 3-9

**UXO 7 SOIL LEAD LABORATORY DATA RESULTS**  
**IM SOIL REMOVAL CONFIRMATION SAMPLING (DRAINAGE AREA, BERM AREA, AND DIRT MOUND AREA)**  
**NSA CRANE, INDIANA**  
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SAMPLE NAME	SAMPLE DATE	METHOD CODE	ANALYTE	RESULT	UNITS	DATA QUALIFIER
X7-BA9-AA-SOCW002-0203	02/27/2014 13:15:00	6010C Metals (ICP)	Lead	31	mg/Kg	
X7-BA9-BA-SOCW003-0002	02/27/2014 13:20:00	6010C Metals (ICP)	Lead	160	mg/Kg	
X7-BA9-BA-SOCW004-0203	02/27/2014 13:20:00	6010C Metals (ICP)	Lead	32	mg/Kg	
X7-BA9-CA-SOCW005-0002	02/27/2014 13:25:00	6010C Metals (ICP)	Lead	220	mg/Kg	
X7-BA9-CA-SOCW006-0203	02/27/2014 13:25:00	6010C Metals (ICP)	Lead	17	mg/Kg	
X7-BA9-DA-SOCW007-0002	02/27/2014 13:30:00	6010C Metals (ICP)	Lead	170	mg/Kg	
X7-BA9-DA-SOCW008-0203	02/27/2014 13:30:00	6010C Metals (ICP)	Lead	35	mg/Kg	
X7-BA10-A-SOCF001	02/27/2014 14:15:00	6010C Metals (ICP)	Lead	57	mg/Kg	
X7-BA10-AA-SOCW001-0002	02/27/2014 14:20:00	6010C Metals (ICP)	Lead	150	mg/Kg	
X7-BA10-BA-SOCW002-0002	02/27/2014 14:25:00	6010C Metals (ICP)	Lead	220	mg/Kg	
X7-BA10-CA-SOCW003-0002	02/27/2014 14:30:00	6010C Metals (ICP)	Lead	97	mg/Kg	
X7-BA10-DA-SOCW004-0002	02/27/2014 14:35:00	6010C Metals (ICP)	Lead	160	mg/Kg	
<b>DRAINAGE AREAS (DA) 1 AND 2</b>						
X7-DA1-AA-SOCW001-0002	03/03/2014 14:00:00	6010C Metals (ICP)	Lead	170	mg/Kg	
X7-DA1-BA-SOCW002-0002	03/03/2014 14:05:00	6010C Metals (ICP)	Lead	380	mg/Kg	J
X7-DA1-DA-SOCW004-0002	03/03/2014 14:20:00	6010C Metals (ICP)	Lead	370	mg/Kg	
X7-DA1-EA-SOCW005-0002	03/03/2014 14:25:00	6010C Metals (ICP)	Lead	400	mg/Kg	
X7-DA1-A-SOCF001	03/04/2014 09:30:00	6010C Metals (ICP)	Lead	93	mg/Kg	
X7-DA1-CA-SOCW006-0002	03/18/2014 13:00:00	6010C	Lead	8.9	mg/Kg	J
X7-DA2-A-SOCF001	03/03/2014 13:30:00	6010C Metals (ICP)	Lead	78	mg/Kg	
X7-DA2-AA-SOCW001-0002	03/03/2014 13:35:00	6010C Metals (ICP)	Lead	150	mg/Kg	
X7-DA2-BA-SOCW002-0002	03/03/2014 13:40:00	6010C Metals (ICP)	Lead	260	mg/Kg	
X7-DA2-CA-SOCW003-0002	03/03/2014 13:45:00	6010C Metals (ICP)	Lead	200	mg/Kg	
X7-DA2-DA-SOCW004-0002	03/03/2014 13:50:00	6010C Metals (ICP)	Lead	270	mg/Kg	

TABLE 3-9

**UXO 7 SOIL LEAD LABORATORY DATA RESULTS  
IM SOIL REMOVAL CONFIRMATION SAMPLING (DRAINAGE AREA, BERM AREA, AND DIRT MOUND AREA)  
NSA CRANE, INDIANA  
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SAMPLE NAME	SAMPLE DATE	METHOD CODE	ANALYTE	RESULT	UNITS	DATA QUALIFIER
<b>DIRT MOUND (SUPPORT AREA - SA) AREA</b>						
X7-C-SA001	04/23/2014 14:00:00	6010C	Lead	14	mg/Kg	
X7-C-SA002	04/23/2014 14:15:00	6010C	Lead	21	mg/Kg	
X7-C-SA003	04/23/2014 14:30:00	6010C	Lead	28	mg/Kg	

Notes:

J - indicates an estimated value.

mg/Kg - indicates milligrams per kilogram (parts per million)

Results indicated in **bold red font** were above the 400 mg/kg screening level for lead in soil.

"X7-BA1-AA-SOCW001-0002" identifies that the sample was collected from UX07 (X7), collected within Berm Area-1 (BA1), from excavation wall AA (AA), and consisted of a soil (SO) composite sample (C), from an excavation wall (W), featuring a sample number (001), and collected from a depth of the ground surface to two feet bgs (0002).

The Berm Area (BA) consists of ten distinct subareas (1 through 10).

The Drainage Area (DA) consists of two distinct subareas (1 and 2).

The Dirt Mound Area was used as a Support Area (SA) for stockpiling soil after the Dirt Mound was removed. Composite soil samples were collected from the native soil that was beneath the plastic sheeting used at the site.

Floor samples are indicated by "F" in place of "W" for wall and are numbered sequentially.

TABLE 3-10

**UXO 7 SOIL LEAD LABORATORY DATA RESULTS, IM SOIL REMOVAL CONFIRMATION SAMPLING  
NSA CRANE, INDIANA  
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SAMPLE NAME	SAMPLE DATE	METHOD CODE	ANALYTE	RESULT	UNITS	DATA QUALIFIER
<b>BERM AREAS (BA) 1 -10</b>						
X7-BA1-A-SCOF001	03/20/2014 15:15:00	6010C Metals (ICP)	Lead	190	mg/Kg	
X7-BA1-AA-SOCW001-0002	03/20/2014 16:00:00	6010C Metals (ICP)	Lead	140	mg/Kg	
X7-BA1-B-SOCF002	03/26/2014 13:10:00	6010C Metals (ICP)	Lead	180	mg/Kg	
X7-BA1-C-SOCF003	03/26/2014 13:20:00	6010C Metals (ICP)	Lead	88	mg/Kg	J
X7-BA1-D-SOCF004	03/26/2014 13:25:00	6010C Metals (ICP)	Lead	70	mg/Kg	
X7-BA1-AB-SOCW004-0002	03/26/2014 13:30:00	6010C Metals (ICP)	Lead	120	mg/Kg	
X7-BA1-DA-SOCW022-0002	03/26/2014 14:05:00	6010C Metals (ICP)	Lead	290	mg/Kg	
X7-BA1-DB-SOCW025-0002	03/26/2014 14:15:00	6010C Metals (ICP)	Lead	200	mg/Kg	
X7-BA1-BA-SOCW032-0002	03/27/2014 15:40:00	6010C Metals (ICP)	Lead	270	mg/Kg	J
X7-BA1-CA-SOCW033-0002	03/27/2014 15:45:00	6010C Metals (ICP)	Lead	190	mg/Kg	
X7-BA1-CB-SOCW034-0002	03/27/2014 15:55:00	6010C Metals (ICP)	Lead	260	mg/Kg	
X7-BA1-AC-SOCW036-0002	03/31/2014 13:00:00	6010C	Lead	81	mg/Kg	J
X7-BA1-AD-SOCW035-0002	03/31/2014 13:05:00	6010C	Lead	60	mg/Kg	
X7-BA1-FA-SOCW029-0002	03/20/2014 15:10:00	6010C Metals (ICP)	Lead	98	mg/Kg	
X7-BA2-BA-SOCW002-0002	03/03/2014 14:50:00	6010C Metals (ICP)	Lead	190	mg/Kg	
X7-BA2-CA-SOCW003-0002	03/03/2014 14:55:00	6010C Metals (ICP)	Lead	150	mg/Kg	
X7-BA2-DA-SOCW004-0002	03/03/2014 15:00:00	6010C Metals (ICP)	Lead	210	mg/Kg	
X7-BA2-A-SOCF002	03/18/2014 13:15:00	6010C	Lead	9.3	mg/Kg	J
X7-BA3-A-SOCF001	03/03/2014 15:20:00	6010C Metals (ICP)	Lead	26	mg/Kg	
X7-BA3-AA-SOCW001-0002	03/03/2014 15:25:00	6010C Metals (ICP)	Lead	86	mg/Kg	
X7-BA3-BA-SOCW002-0002	03/03/2014 15:30:00	6010C Metals (ICP)	Lead	220	mg/Kg	
X7-BA3-CA-SOCW003-0002	03/03/2014 15:35:00	6010C Metals (ICP)	Lead	160	mg/Kg	
X7-BA3-DA-SOCW004-0002	03/03/2014 15:40:00	6010C Metals (ICP)	Lead	290	mg/Kg	
X7-BA4-A-SOCF001	03/19/2014 13:05:00	6010C Metals (ICP)	Lead	53	mg/Kg	
X7-BA4-B-SOCF002	03/19/2014 13:15:00	6010C Metals (ICP)	Lead	58	mg/Kg	
X7-BA4-AA-SOCW002-0204	03/19/2014 13:50:00	6010C Metals (ICP)	Lead	32	mg/Kg	J
X7-BA4-BA-SOCW003-0002	03/19/2014 13:55:00	6010C Metals (ICP)	Lead	17	mg/Kg	
X7-BA4-BA-SOCW004-0204	03/19/2014 14:00:00	6010C Metals (ICP)	Lead	46	mg/Kg	

TABLE 3-10

**UXO 7 SOIL LEAD LABORATORY DATA RESULTS, IM SOIL REMOVAL CONFIRMATION SAMPLING  
NSA CRANE, INDIANA  
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SAMPLE NAME	SAMPLE DATE	METHOD CODE	ANALYTE	RESULT	UNITS	DATA QUALIFIER
X7-BA4-AA-SOCW009-0002	03/27/2014 12:35:00	6010C Metals (ICP)	Lead	58	mg/Kg	
X7-BA4-EA-SOCW021-0204	04/15/2014 16:15:00	6010C	Lead	120	mg/Kg	
X7-BA5-EA-SOCW017-0305	03/04/2014 10:15:00	6010C Metals (ICP)	Lead	87	mg/Kg	
X7-BA5-FA-SOCW020-0405	03/04/2014 10:20:00	6010C Metals (ICP)	Lead	180	mg/Kg	
X7-BA5-DA-SOCW016-0405	03/04/2014 10:40:00	6010C Metals (ICP)	Lead	41	mg/Kg	
X7-BA5-DA-SOCW015-0204	03/04/2014 10:50:00	6010C Metals (ICP)	Lead	25	mg/Kg	
X7-BA5-A-SOCF001	03/05/2014 12:00:00	6010C Metals (ICP)	Lead	14	mg/Kg	
X7-BA5-B-SOCF002	03/10/2014 12:45:00	6010C Metals (ICP)	Lead	51	mg/Kg	
X7-BA5-C-SOCF003	03/10/2014 12:50:00	6010C Metals (ICP)	Lead	100	mg/Kg	
X7-BA5-AA-SOCW001-0002	03/10/2014 13:05:00	6010C Metals (ICP)	Lead	23	mg/Kg	J
X7-BA5-AA-SOCW002-0204	03/10/2014 13:10:00	6010C Metals (ICP)	Lead	12	mg/Kg	
X7-BA5-AA-SOCW003-0405	03/10/2014 13:15:00	6010C Metals (ICP)	Lead	9.5	mg/Kg	
X7-BA5-AB-SOCW004-0002	03/10/2014 13:25:00	6010C Metals (ICP)	Lead	37	mg/Kg	
X7-BA5-AB-SOCW005-0204	03/10/2014 13:30:00	6010C Metals (ICP)	Lead	11	mg/Kg	
X7-BA5-AB-SOCW006-0405	03/10/2014 13:35:00	6010C Metals (ICP)	Lead	10	mg/Kg	
X7-BA5-BA-SOCW007-0002	03/10/2014 14:30:00	6010C Metals (ICP)	Lead	17	mg/Kg	
X7-BA5-BA-SOCW008-0204	03/10/2014 14:35:00	6010C Metals (ICP)	Lead	10	mg/Kg	
X7-BA5-BA-SOCW009-0405	03/10/2014 14:40:00	6010C Metals (ICP)	Lead	10	mg/Kg	
X7-BA5-CA-SOCW011-0405	03/10/2014 14:50:00	6010C Metals (ICP)	Lead	26	mg/Kg	
X7-BA5-CB-SOCW012-0204	03/10/2014 15:00:00	6010C Metals (ICP)	Lead	20	mg/Kg	
X7-BA5-CB-SOCW013-0405	03/10/2014 15:05:00	6010C Metals (ICP)	Lead	24	mg/Kg	
X7-BA5-GA-SOCW021-0405	03/11/2014 15:00:00	6010C Metals (ICP)	Lead	27	mg/Kg	
X7-BA5-GB-SOCW022-0405	03/11/2014 15:05:00	6010C Metals (ICP)	Lead	140	mg/Kg	J
X7-BA5-DA-SOCW025-0002	03/12/2014 13:00:00	6010C Metals (ICP)	Lead	320	mg/Kg	
X7-BA6-BA-SOCW003-0002	03/20/2014 15:10:00	6010C Metals (ICP)	Lead	64	mg/Kg	
X7-BA6-CA-SOCW005-0002	03/20/2014 15:20:00	6010C Metals (ICP)	Lead	260	mg/Kg	
X7-BA6-CB-SOCW006-0002	03/20/2014 15:30:00	6010C Metals (ICP)	Lead	200	mg/Kg	

TABLE 3-10

**UXO 7 SOIL LEAD LABORATORY DATA RESULTS, IM SOIL REMOVAL CONFIRMATION SAMPLING  
NSA CRANE, INDIANA  
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SAMPLE NAME	SAMPLE DATE	METHOD CODE	ANALYTE	RESULT	UNITS	DATA QUALIFIER
X7-BA6-A-SOCF001	03/20/2014 14:30:00	6010C Metals (ICP)	Lead	350	mg/Kg	
X7-BA6-B-SOCF005	03/26/2014 13:00:00	6010C Metals (ICP)	Lead	17	mg/Kg	
X7-BA6-D-SOCF007	03/26/2014 13:20:00	6010C Metals (ICP)	Lead	9.4	mg/Kg	
X7-BA6-DA-SOCW007-0204	03/26/2014 13:40:00	6010C Metals (ICP)	Lead	25	mg/Kg	
X7-BA6-EA-SOCW008-0204	03/26/2014 13:45:00	6010C Metals (ICP)	Lead	20	mg/Kg	
X7-BA6-BB-SOCW012-0002	03/27/2014 11:50:00	6010C Metals (ICP)	Lead	17	mg/Kg	
X7-BA6-BB-SOCW013-0204	03/27/2014 11:55:00	6010C Metals (ICP)	Lead	11	mg/Kg	
X7-BA6-AB-SOCW015-0002	03/31/2014 12:35:00	6010C	Lead	370	mg/Kg	
X7-BA6-A-SOCF008	04/02/2014 11:10:00	6010C	Lead	15	mg/Kg	J
X7-BA6-AA-SOCW017-002	04/02/2014 11:00:00	6010C	Lead	280	mg/Kg	
X7-BA7-A-SOCF001	02/27/2014 10:15:00	6010C Metals (ICP)	Lead	40	mg/Kg	
X7-BA7-AA-SOCW001-0002	02/27/2014 10:20:00	6010C Metals (ICP)	Lead	200	mg/Kg	
X7-BA7-BA-SOCW005-0002	03/11/2014 12:15:00	6010C Metals (ICP)	Lead	330	mg/Kg	
X7-BA7-DA-SOCW004-0002	02/27/2014 10:30:00	6010C Metals (ICP)	Lead	170	mg/Kg	
X7-BA7-CA-SOCW003-0002	02/27/2014 10:35:00	6010C Metals (ICP)	Lead	230	mg/Kg	
X7-BA8-BA-SOCW003-0002	02/25/2014 14:15:00	6010C Metals (ICP)	Lead	220	mg/Kg	
X7-BA8-BA-SOCW004-0203	02/25/2014 14:25:00	6010C Metals (ICP)	Lead	24	mg/Kg	
X7-BA8-AA-SOCW002-0203	02/25/2014 14:45:00	6010C Metals (ICP)	Lead	16	mg/Kg	
X7-BA8-A-SOCF001	02/25/2014 15:10:00	6010C Metals (ICP)	Lead	40	mg/Kg	
X7-BA8-BB-SOCW005-0002	02/26/2014 09:40:00	6010C Metals (ICP)	Lead	220	mg/Kg	J
X7-BA8-BB-SOCW006-0203	02/26/2014 09:55:00	6010C Metals (ICP)	Lead	47	mg/Kg	
X7-BA8-B-SOCF002	02/26/2014 10:45:00	6010C Metals (ICP)	Lead	48	mg/Kg	
X7-BA8-AA-SOCW011-0002	02/26/2014 16:30:00	6010C Metals (ICP)	Lead	300	mg/Kg	J
X7-BA8-CA-SOCW013-0203	02/27/2014 09:40:00	6010C Metals (ICP)	Lead	140	mg/Kg	
X7-BA8-C-SOCF003	03/20/2014 09:05:00	6010C Metals (ICP)	Lead	350	mg/Kg	J
X7-BA8-CA-SOCW023-0002	03/20/2014 09:10:00	6010C Metals (ICP)	Lead	390	mg/Kg	
X7-BA9-A-SOCF0001	02/27/2014 13:10:00	6010C Metals (ICP)	Lead	49	mg/Kg	
X7-BA9-AA-SOCW001-0002	02/27/2014 13:15:00	6010C Metals (ICP)	Lead	200	mg/Kg	J

TABLE 3-10

**UXO 7 SOIL LEAD LABORATORY DATA RESULTS, IM SOIL REMOVAL CONFIRMATION SAMPLING  
NSA CRANE, INDIANA  
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SAMPLE NAME	SAMPLE DATE	METHOD CODE	ANALYTE	RESULT	UNITS	DATA QUALIFIER
X7-BA9-AA-SOCW002-0203	02/27/2014 13:15:00	6010C Metals (ICP)	Lead	31	mg/Kg	
X7-BA9-BA-SOCW003-0002	02/27/2014 13:20:00	6010C Metals (ICP)	Lead	160	mg/Kg	
X7-BA9-BA-SOCW004-0203	02/27/2014 13:20:00	6010C Metals (ICP)	Lead	32	mg/Kg	
X7-BA9-CA-SOCW005-0002	02/27/2014 13:25:00	6010C Metals (ICP)	Lead	220	mg/Kg	
X7-BA9-CA-SOCW006-0203	02/27/2014 13:25:00	6010C Metals (ICP)	Lead	17	mg/Kg	
X7-BA9-DA-SOCW007-0002	02/27/2014 13:30:00	6010C Metals (ICP)	Lead	170	mg/Kg	
X7-BA9-DA-SOCW008-0203	02/27/2014 13:30:00	6010C Metals (ICP)	Lead	35	mg/Kg	
X7-BA10-A-SOCF001	02/27/2014 14:15:00	6010C Metals (ICP)	Lead	57	mg/Kg	
X7-BA10-AA-SOCW001-0002	02/27/2014 14:20:00	6010C Metals (ICP)	Lead	150	mg/Kg	
X7-BA10-BA-SOCW002-0002	02/27/2014 14:25:00	6010C Metals (ICP)	Lead	220	mg/Kg	
X7-BA10-CA-SOCW003-0002	02/27/2014 14:30:00	6010C Metals (ICP)	Lead	97	mg/Kg	
X7-BA10-DA-SOCW004-0002	02/27/2014 14:35:00	6010C Metals (ICP)	Lead	160	mg/Kg	
<b>DRAINAGE AREAS (DA) 1 AND 2</b>						
X7-DA1-A-SOCF001	03/04/2014 09:30:00	6010C Metals (ICP)	Lead	93	mg/Kg	
X7-DA1-CA-SOCW006-0002	03/18/2014 13:00:00	6010C	Lead	8.9	mg/Kg	J
X7-DA1-AA-SOCW001-0002	03/03/2014 14:00:00	6010C Metals (ICP)	Lead	170	mg/Kg	
X7-DA1-BA-SOCW002-0002	03/03/2014 14:05:00	6010C Metals (ICP)	Lead	380	mg/Kg	J
X7-DA1-DA-SOCW004-0002	03/03/2014 14:20:00	6010C Metals (ICP)	Lead	370	mg/Kg	
X7-DA1-EA-SOCW005-0002	03/03/2014 14:25:00	6010C Metals (ICP)	Lead	400	mg/Kg	
X7-DA2-A-SOCF001	03/03/2014 13:30:00	6010C Metals (ICP)	Lead	78	mg/Kg	
X7-DA2-AA-SOCW001-0002	03/03/2014 13:35:00	6010C Metals (ICP)	Lead	150	mg/Kg	
X7-DA2-BA-SOCW002-0002	03/03/2014 13:40:00	6010C Metals (ICP)	Lead	260	mg/Kg	
X7-DA2-CA-SOCW003-0002	03/03/2014 13:45:00	6010C Metals (ICP)	Lead	200	mg/Kg	
X7-DA2-DA-SOCW004-0002	03/03/2014 13:50:00	6010C Metals (ICP)	Lead	270	mg/Kg	

TABLE 3-10

UXO 7 SOIL LEAD LABORATORY DATA RESULTS, IM SOIL REMOVAL CONFIRMATION SAMPLING  
NSA CRANE, INDIANA  
PAGE 5 OF 5

SAMPLE NAME	SAMPLE DATE	METHOD CODE	ANALYTE	RESULT	UNITS	DATA QUALIFIER
<b>DIRT MOUND (SUPPORT AREA - SA) AREA</b>						
X7-C-SA001	04/23/2014 14:00:00	6010C	Lead	14	mg/Kg	
X7-C-SA002	04/23/2014 14:15:00	6010C	Lead	21	mg/Kg	
X7-C-SA003	04/23/2014 14:30:00	6010C	Lead	28	mg/Kg	

Notes:

J - indicates an estimated value.

mg/Kg - indicates milligrams per kilogram (parts per million)

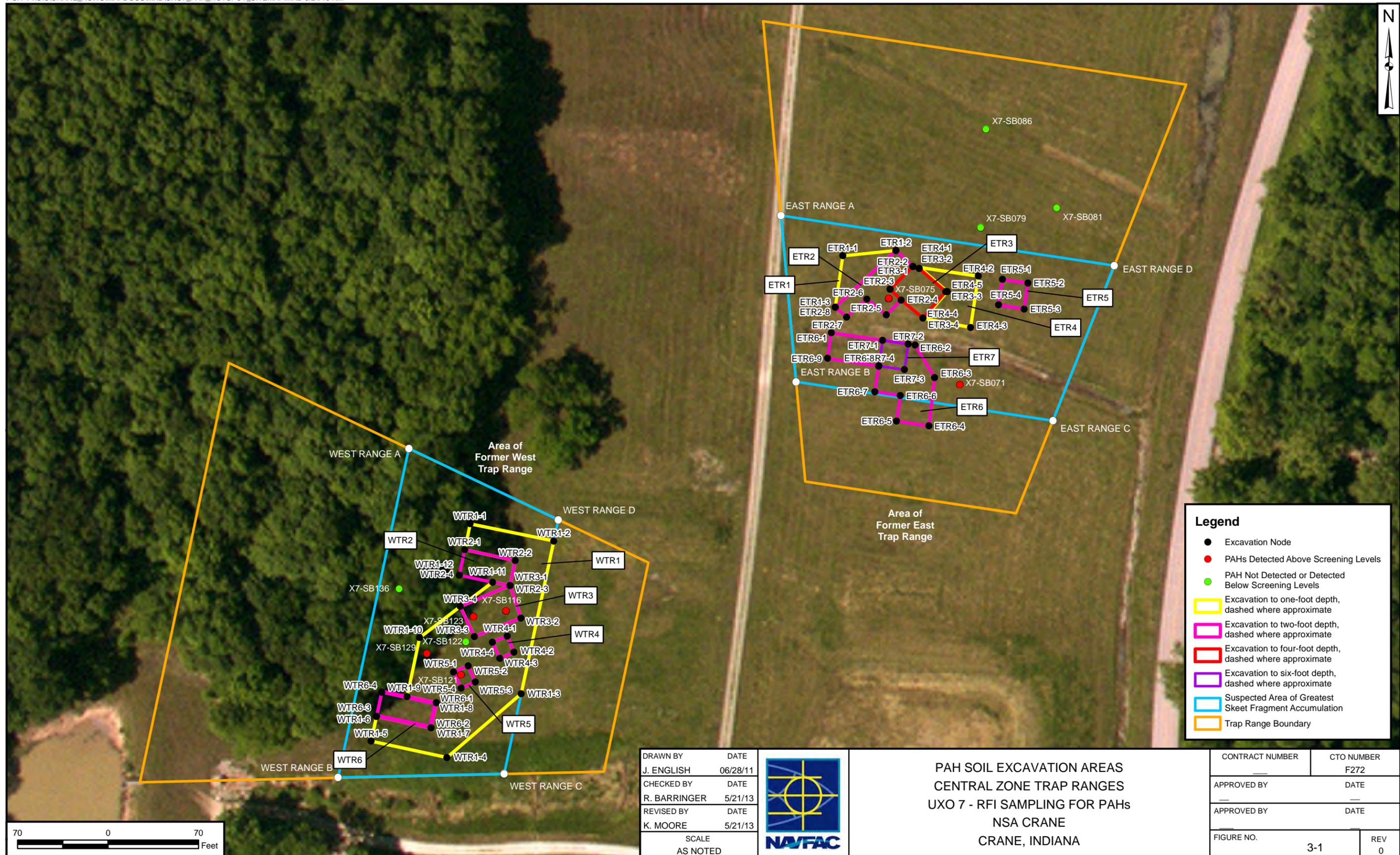
"X7-BA1-AA-SOCW001-0002" identifies that the sample was collected from UX07 (X7), collected within Berm Area-1 (BA1), from excavation wall AA (AA), and consisted of a soil (SO) composite sample (C), from an excavation wall (W), featuring a sample number (001), and collected from a depth of the ground surface to two feet bgs (0002).

The Berm Area (BA) consists of ten distinct subareas (1 through 10).

The Drainage Area (DA) consists of two distinct subareas (1 and 2).

The Dirt Mound Area was used as a Support Area (SA) for stockpiling soil after the Dirt Mound was removed. Composite soil samples were collected from the native soil that was beneath the plastic sheeting used at the site.

Floor samples are indicated by "F" in place of "W" for wall and are numbered sequentially.



**Legend**

- Excavation Node
- PAHs Detected Above Screening Levels
- PAH Not Detected or Detected Below Screening Levels
- ▭ Excavation to one-foot depth, dashed where approximate
- ▭ Excavation to two-foot depth, dashed where approximate
- ▭ Excavation to four-foot depth, dashed where approximate
- ▭ Excavation to six-foot depth, dashed where approximate
- ▭ Suspected Area of Greatest Skeet Fragment Accumulation
- ▭ Trap Range Boundary

DRAWN BY	DATE
J. ENGLISH	06/28/11
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R. BARRINGER	5/21/13
REVISED BY	DATE
K. MOORE	5/21/13
SCALE AS NOTED	



PAH SOIL EXCAVATION AREAS  
CENTRAL ZONE TRAP RANGES  
UXO 7 - RFI SAMPLING FOR PAHs  
NSA CRANE  
CRANE, INDIANA

CONTRACT NUMBER	CTO NUMBER
	F272
APPROVED BY	DATE
APPROVED BY	DATE
FIGURE NO.	REV
3-1	0



Aerial photograph provided by ESRI's ArcGIS Online World Imagery map service (© 2011 ESRI and its data suppliers).



**Legend**

- Original IMCOP Excavation Node
- Lead detected above 192 mg/kg (RFI data)
- Lead not detected or below 192 mg/kg (RFI data)
- ▭ Excavation to two-foot depth, dashed where approximate
- ▭ Excavation to three-foot depth, dashed where approximate
- ▭ Excavation to four-foot depth, dashed where approximate
- ▭ Excavation to five-foot depth, dashed where approximate
- ▭ Excavation to six-foot depth, (2 feet below grade) dashed where approximate

**NOTE:**  
Dirt mound excavation continues to grade (ground surface)

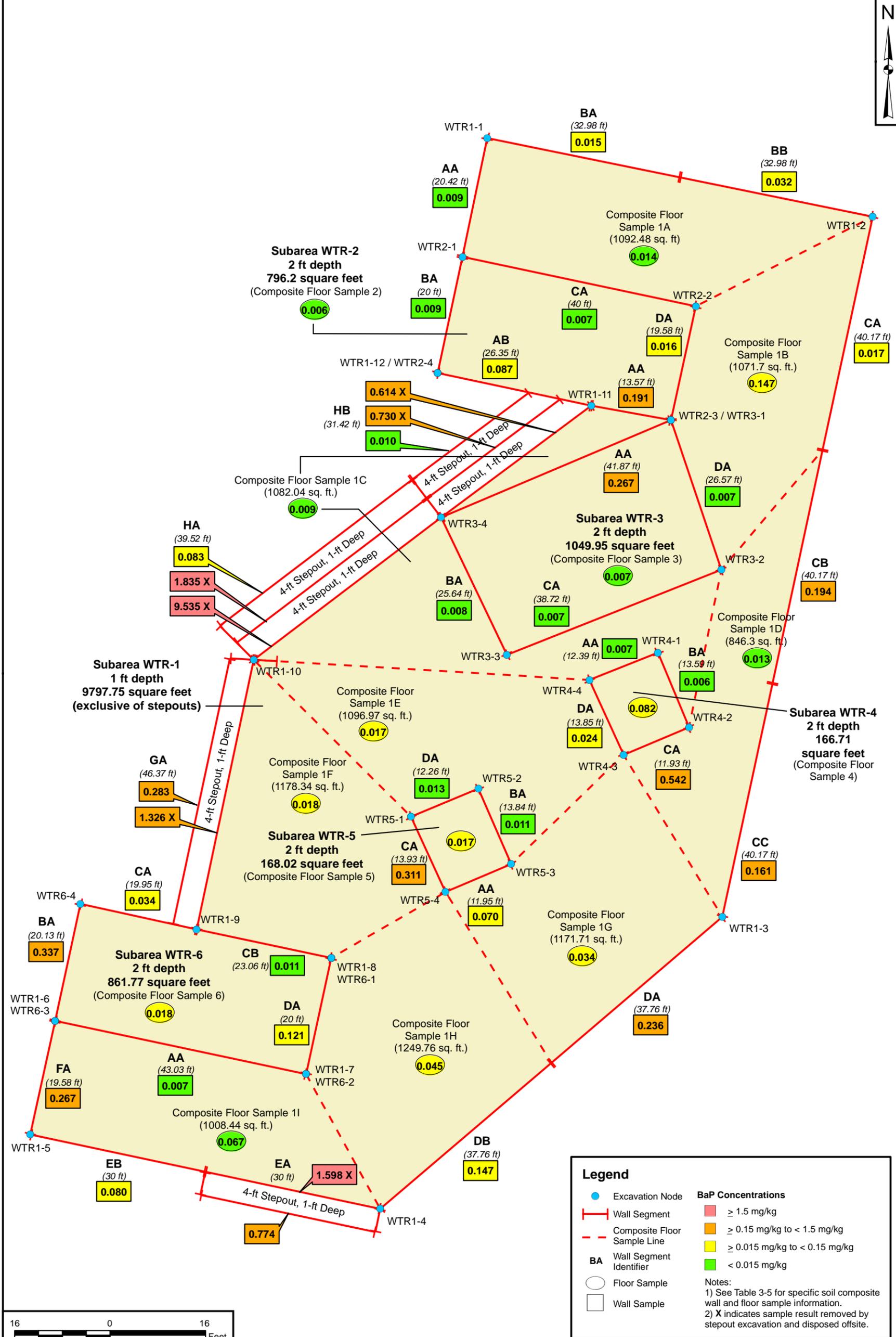
**NOTES:**  
1. DA = Drainage Area  
2. BA = Berm Area  
3. DM = Dirt Mound

DRAWN BY	DATE
J. ENGLISH	07/05/11
CHECKED BY	DATE
R. BARRINGER	12/09/14
REVISED BY	DATE
K. MOORE	12/09/14
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AS NOTED	



**SOIL LEAD EXCAVATION AREAS FOR RISK REDUCTION**  
RFI SOIL LEAD DATA  
UXO 7 IM SOIL REMOVAL  
NSA CRANE  
CRANE, INDIANA

CONTRACT NUMBER	CTO NUMBER
---	271
APPROVED BY	DATE
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APPROVED BY	DATE
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FIGURE NO.	REV
3-2	0

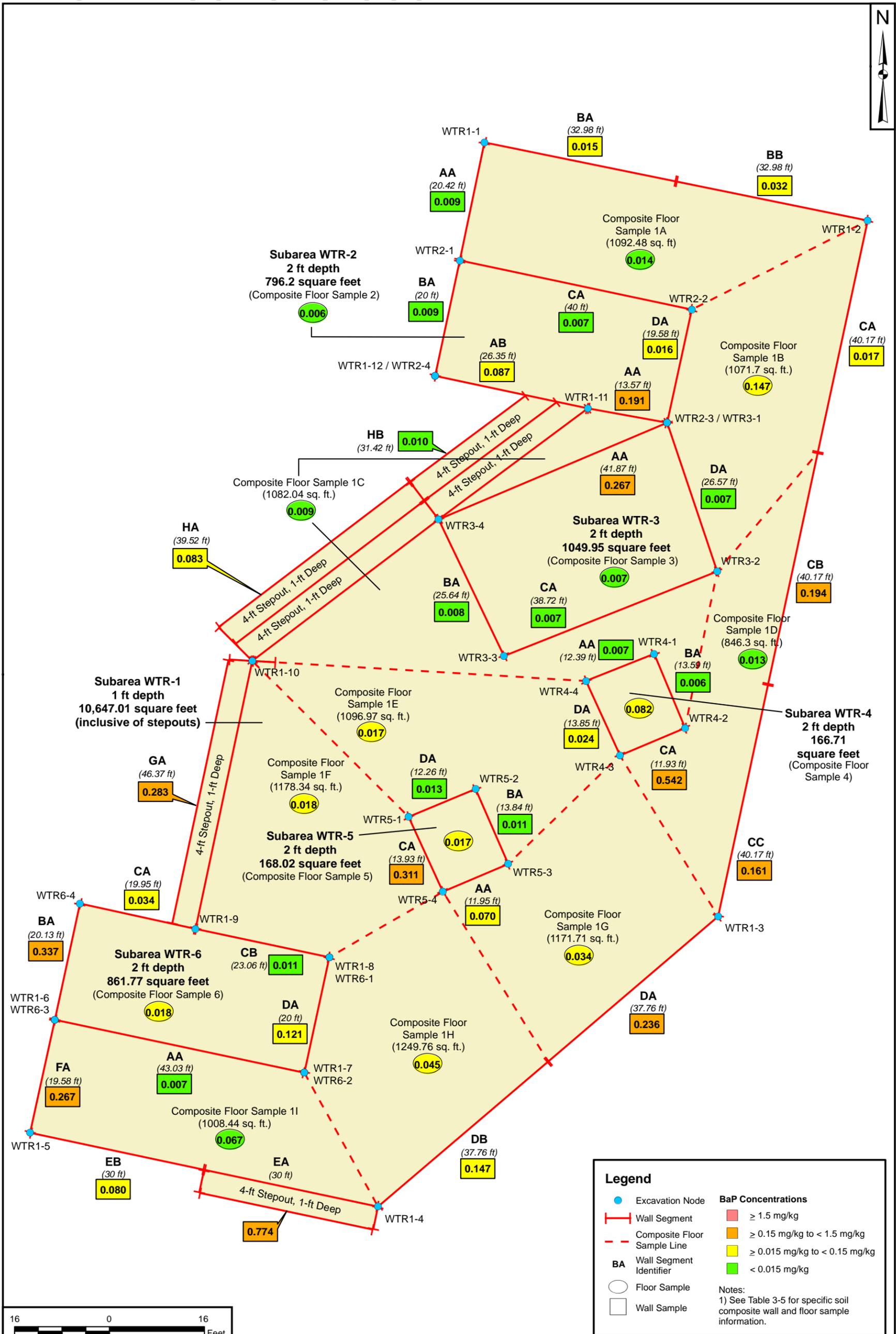


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**EXCAVATION WALL AND FLOOR COMPOSITE SOIL SAMPLE RESULTS  
PAHs EXPRESSED IN BENZO(A)PYRENE EQUIVALENTS  
UXO 7 WEST TRAP RANGE (WTR)  
NSA CRANE  
CRANE, INDIANA**

CONTRACT NUMBER 1008	CTO NUMBER F271
APPROVED BY	DATE
APPROVED BY	DATE
FIGURE NO. FIGURE 3-3	REV 0

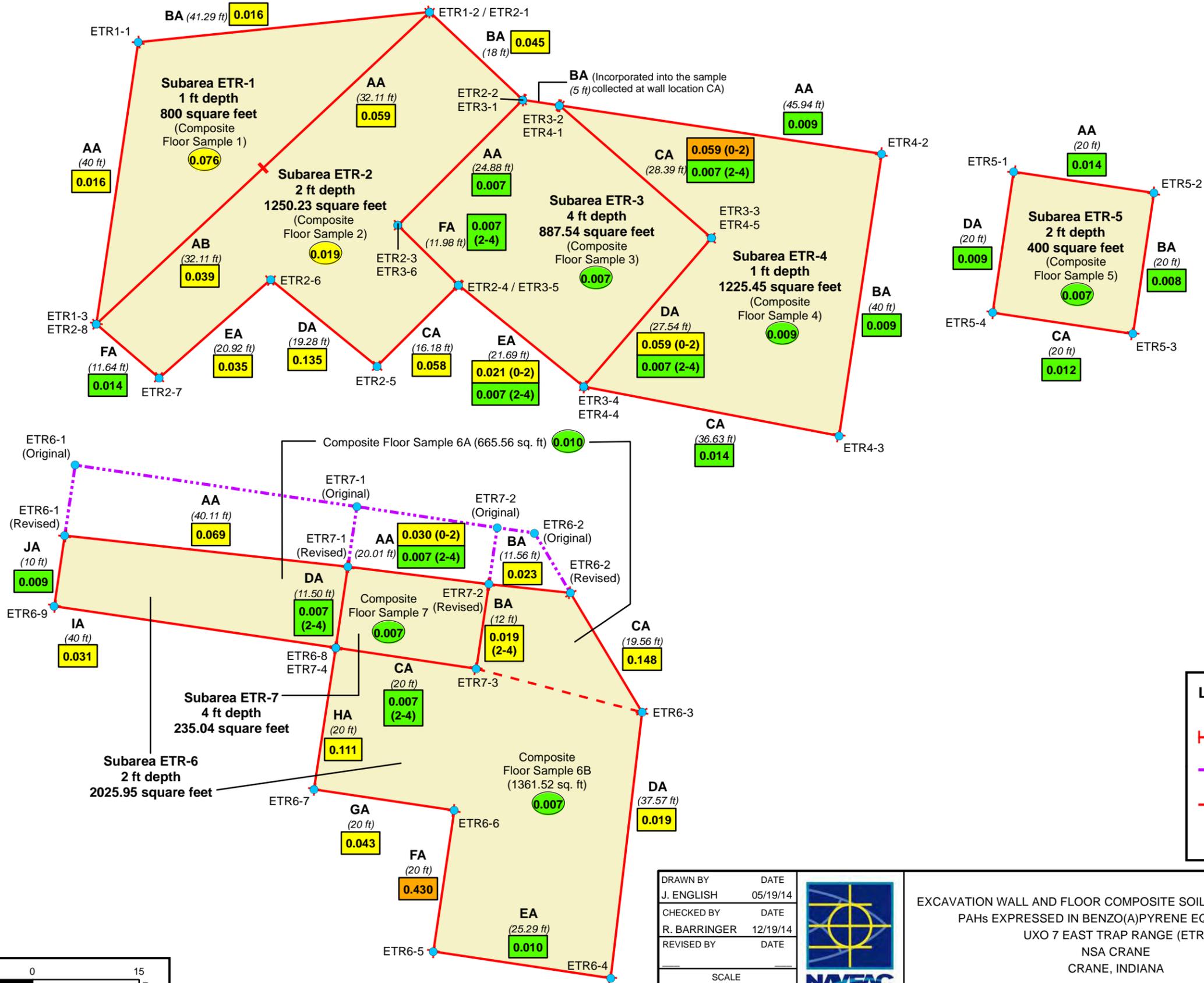


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CHECKED BY R. BARRINGER	DATE 12/22/14
REVISOR ---	DATE ---
SCALE AS NOTED	



**POST-EXCAVATION WALL AND FLOOR COMPOSITE SOIL SAMPLE RESULTS**  
**PAHs EXPRESSED IN BENZO(A)PYRENE EQUIVALENTS**  
**UXO 7 WEST TRAP RANGE (WTR)**  
**NSA CRANE**  
**CRANE, INDIANA**

CONTRACT NUMBER 1008	CTO NUMBER F271
APPROVED BY ---	DATE ---
APPROVED BY ---	DATE ---
FIGURE NO. FIGURE 3-4	REV 0



Notes:  
 1) See Table 3-7 for specific soil composite wall and floor sample information.  
 2) X indicates sample result removed by stepout excavation and disposed offsite.  
 3) The total elevation in Subarea ETR-7 was 4 feet, instead of the original 6 feet, based on the analysis of the "clean" soil composite floor sample collected at the 4-foot depth.  
 4) The northern extent of Subarea ETR-6 and Subarea ETR-7 were adjusted in the field (at the request of the Navy) to avoid excavating inside a drainage ditch on the East Trap Range. Soil confirmation samples verified that contaminated soil was removed from these subareas.

**Legend**

- Excavation Node
- Wall Segment
- Original Excavation Boundary, Field Modified (See Note #4)
- Composite Floor Sample Line
- BA Wall Segment Identifier
- Floor Sample
- Wall Sample

**BaP Concentrations**

- Red: ≥ 1.5 mg/kg
- Orange: ≥ 0.15 mg/kg to < 1.5 mg/kg
- Yellow: ≥ 0.015 mg/kg to < 0.15 mg/kg
- Green: < 0.015 mg/kg

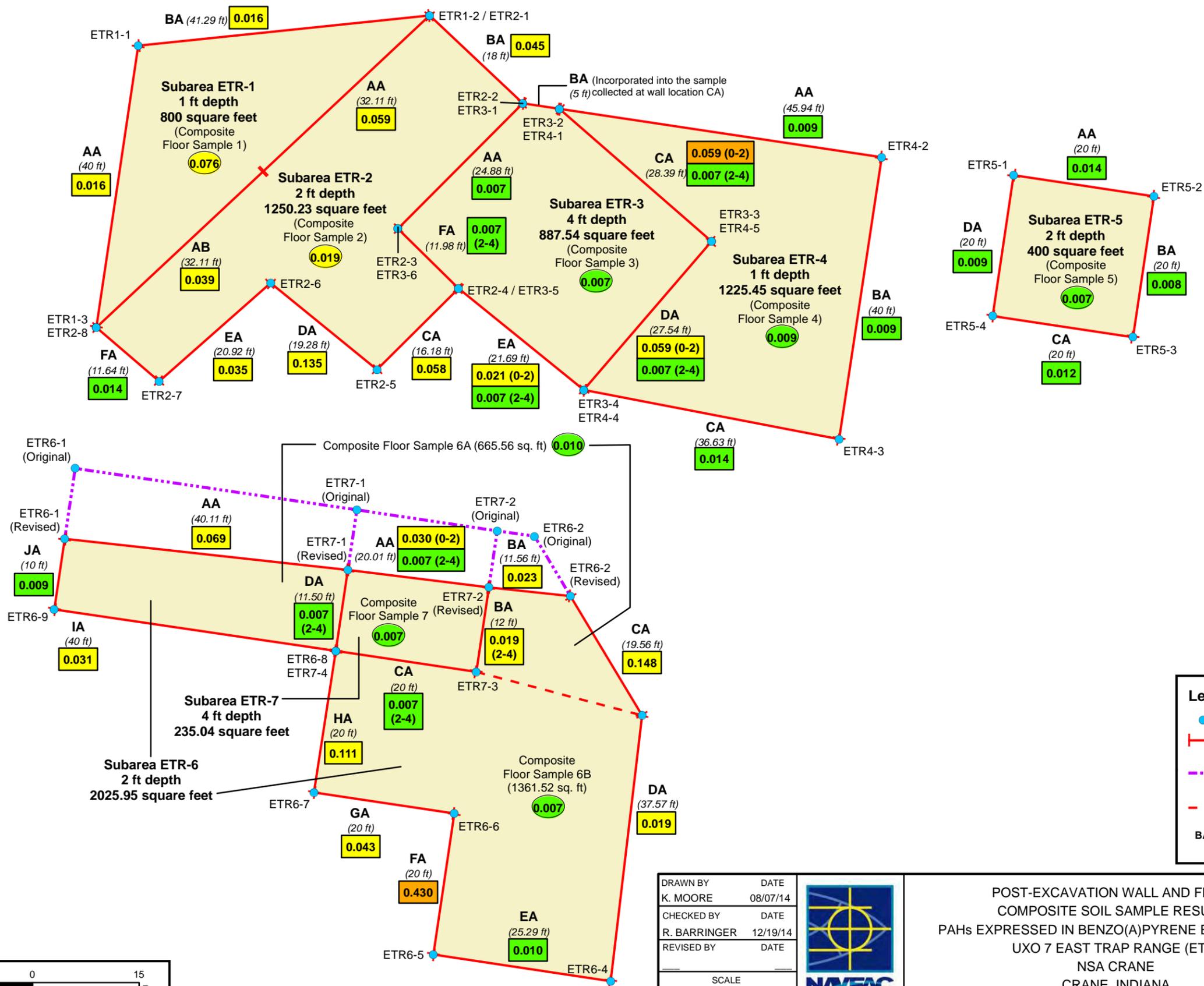
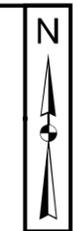


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REVISOR DATE	
SCALE AS NOTED	



EXCAVATION WALL AND FLOOR COMPOSITE SOIL SAMPLE RESULTS  
 PAHs EXPRESSED IN BENZO(A)PYRENE EQUIVALENTS  
 UX0 7 EAST TRAP RANGE (ETR)  
 NSA CRANE  
 CRANE, INDIANA

CONTRACT NUMBER 1008	CTO NUMBER F271
APPROVED BY DATE	APPROVED BY DATE
APPROVED BY DATE	APPROVED BY DATE
FIGURE NO. FIGURE 3-5	REV 0



Notes:  
 1) See Table 3-8 for specific soil composite wall and floor sample information.  
 2) X indicates sample result removed by stepout excavation and disposed offsite.  
 3) The total elevation in Subarea ETR-7 was 4 feet, instead of the original 6 feet, based on the analysis of the "clean" soil composite floor sample collected at the 4-foot depth.  
 4) The northern extent of Subarea ETR-6 and Subarea ETR-7 were adjusted in the field (at the request of the Navy) to avoid excavating inside a drainage ditch on the East Trap Range. Soil confirmation samples verified that contaminated soil was removed from these subareas.

**Legend**

- Excavation Node
- Wall Segment
- Original Excavation Boundary, Field Modified (See Note #4)
- - - Composite Floor Sample Line
- BA Wall Segment Identifier
- Floor Sample
- Wall Sample

**BaP Concentrations**

- Red box: ≥ 1.5 mg/kg
- Orange box: ≥ 0.15 mg/kg to < 1.5 mg/kg
- Yellow box: ≥ 0.015 mg/kg to < 0.15 mg/kg
- Green box: < 0.015 mg/kg



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REVISOR ---	DATE ---
SCALE AS NOTED	



POST-EXCAVATION WALL AND FLOOR  
 COMPOSITE SOIL SAMPLE RESULTS  
 PAHs EXPRESSED IN BENZO(A)PYRENE EQUIVALENTS  
 UXO 7 EAST TRAP RANGE (ETR)  
 NSA CRANE  
 CRANE, INDIANA

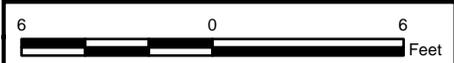
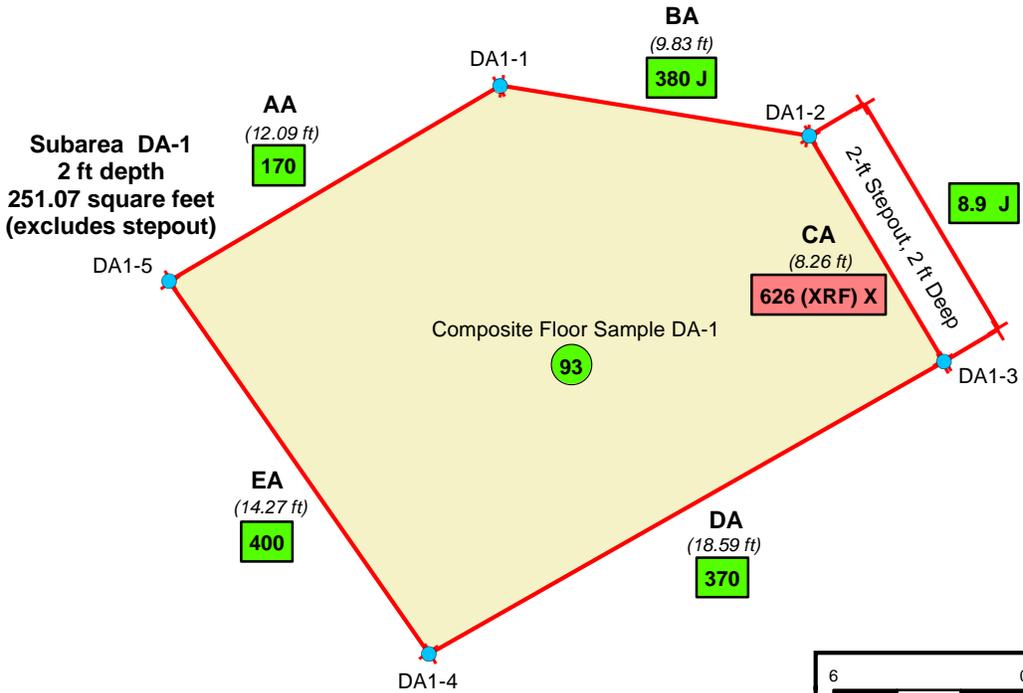
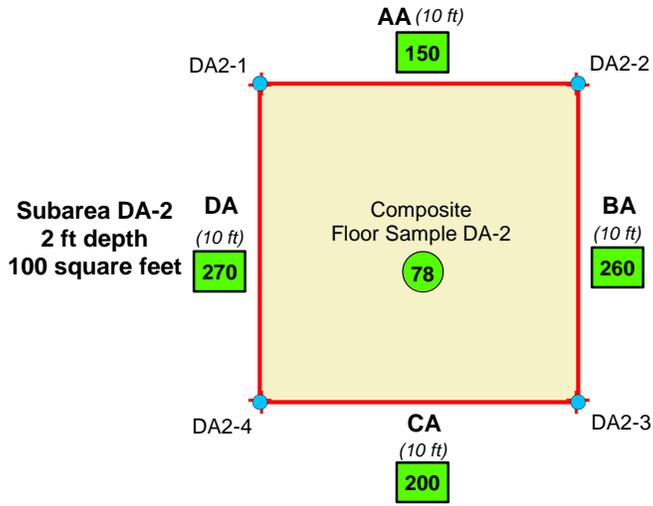
CONTRACT NUMBER 1008	CTO NUMBER F271
APPROVED BY ---	DATE ---
APPROVED BY ---	DATE ---
FIGURE NO. FIGURE 3-6	REV 0

**Legend**

- Excavation Node
- Wall Segment
- BA** Wall Segment Identifier
- J** Estimated Value
- Floor Sample
- Wall Sample
- Lead Sample Result Greater than 400 mg/kg
- Lead Sample Result Less Than or Equal to 400 mg/kg

Notes:

- 1) See Table 3-9 for specific soil composite wall and floor sample information.
- 2) Lead concentrations in mg/kg (laboratory data unless indicated otherwise).
- 3) X indicates sample result removed by stepout excavation and disposed offsite.



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J. ENGLISH	05/16/14
CHECKED BY	DATE
R. BARRINGER	12/19/14
REVISED BY	DATE
SCALE AS NOTED	



EXCAVATION WALL AND FLOOR  
COMPOSITE SOIL SAMPLE RESULTS  
UXO 7 NORTHERN ZONE DRAINAGE AREA (DA)  
NSA CRANE  
CRANE, INDIANA

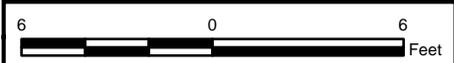
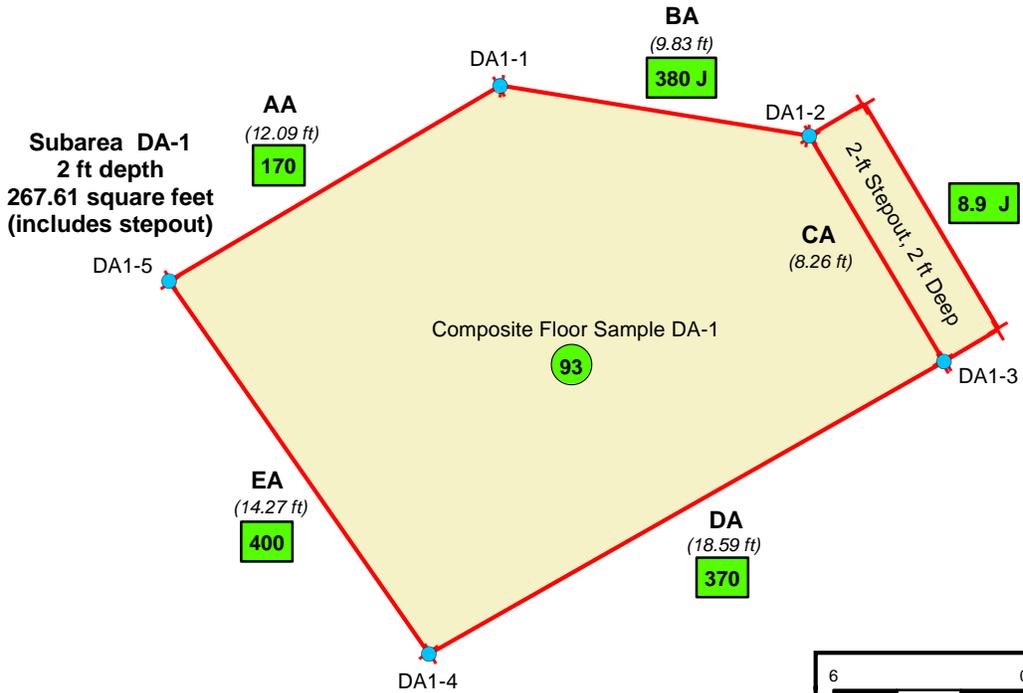
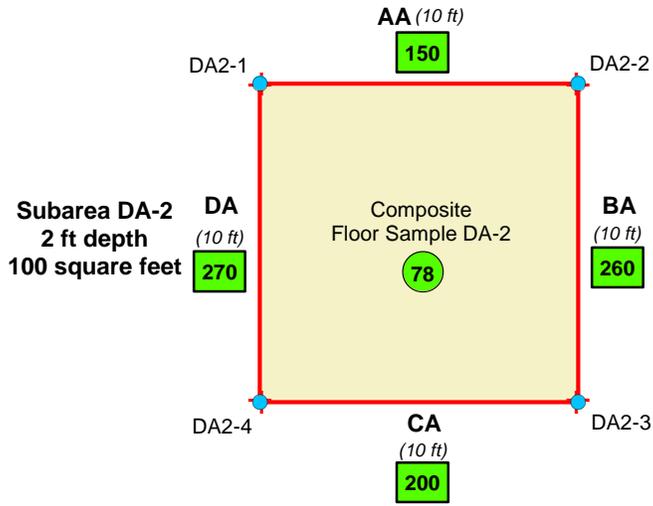
CONTRACT NUMBER	CTO NUMBER
1008	F271
APPROVED BY	DATE
—	—
APPROVED BY	DATE
—	—
FIGURE NO.	REV
FIGURE 3-7	0

**Legend**

- Excavation Node
- Wall Segment
- BA** Wall Segment Identifier
- J** Estimated Value
- Floor Sample
- Wall Sample
- Lead Sample Result Greater than 400 mg/kg
- Lead Sample Result Less Than or Equal to 400 mg/kg

Notes:

- 1) See Table 3-10 for specific soil composite wall and floor sample information.
- 2) Lead concentrations in mg/kg (laboratory data unless indicated otherwise).
- 3) **X** indicates sample result removed by stepout excavation and disposed offsite.



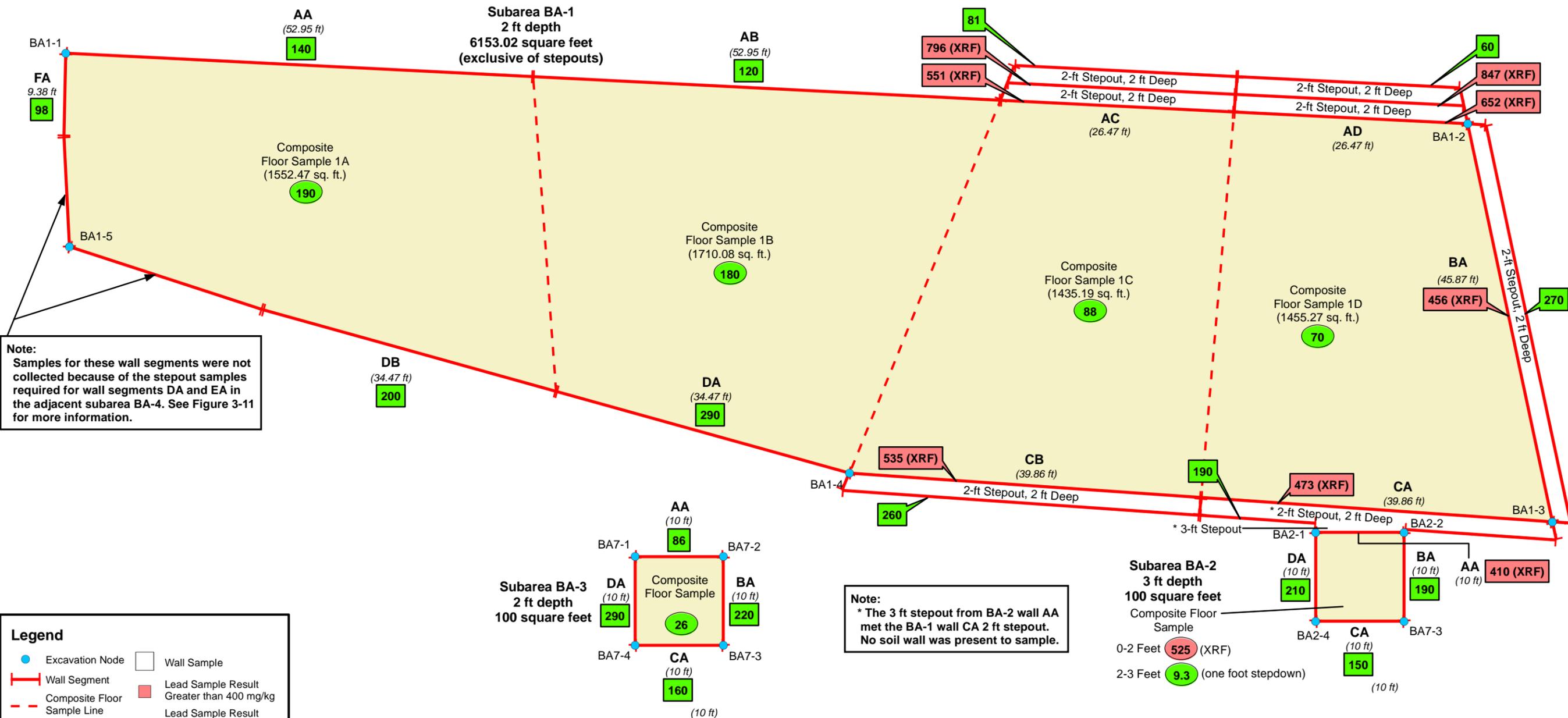
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J. ENGLISH	05/16/14
CHECKED BY	DATE
R. BARRINGER	12/19/14
REVISED BY	DATE
SCALE AS NOTED	



POST EXCAVATION WALL AND FLOOR  
COMPOSITE SOIL SAMPLE RESULTS  
UXO 7 NORTHERN ZONE DRAINAGE AREA (DA)  
NSA CRANE  
CRANE, INDIANA

CONTRACT NUMBER	CTO NUMBER
5608	F271
APPROVED BY	DATE
—	—
APPROVED BY	DATE
—	—
FIGURE NO.	REV
FIGURE 3-8	0

Note: See Table 3-9 for specific soil composite wall and floor sample information.



Note: Samples for these wall segments were not collected because of the stepout samples required for wall segments DA and EA in the adjacent subarea BA-4. See Figure 3-11 for more information.

Note: \* The 3 ft stepout from BA-2 wall AA met the BA-1 wall CA 2 ft stepout. No soil wall was present to sample.

**Legend**

- Excavation Node
- Wall Segment
- Composite Floor Sample Line
- AB** Wall Segment Identifier
- Floor Sample
- Wall Sample
- Lead Sample Result Greater than 400 mg/kg
- Lead Sample Result Less Than or Equal to 400 mg/kg

Note: Lead concentrations in mg/kg (laboratory data unless indicated otherwise).

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REVISOR BY	DATE
SCALE AS NOTED	

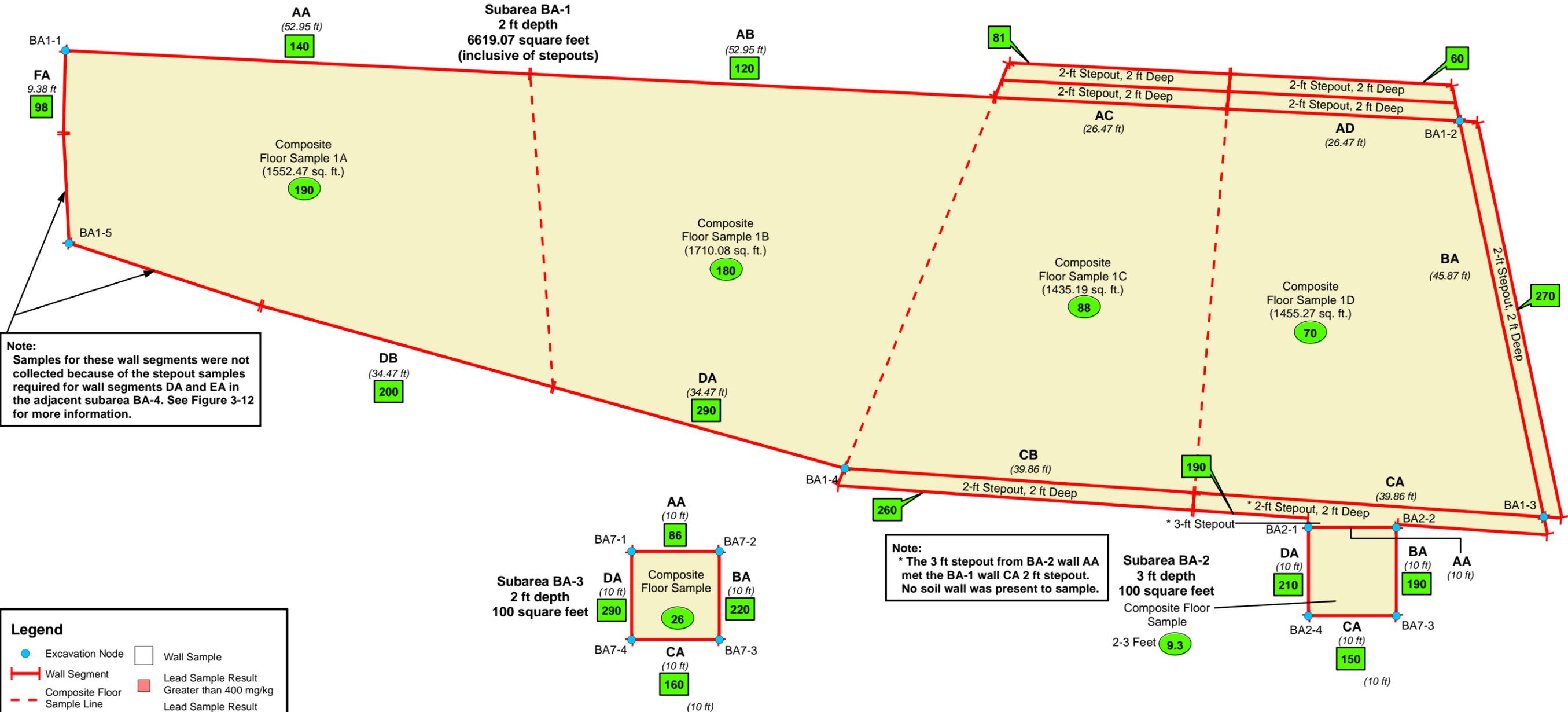


EXCAVATION WALL AND FLOOR  
COMPOSITE SOIL SAMPLES  
UXO 7 400-YARD BERM AREA (BA)  
SUBAREAS BA-1, BA-2, AND BA-3  
NSA CRANE  
CRANE, INDIANA

CONTRACT NUMBER 1008	CTO NUMBER F271
APPROVED BY	DATE
APPROVED BY	DATE
FIGURE NO. FIGURE 3-9	REV 0



Note: See Table 3-10 for specific soil composite wall and floor sample information.



Note: Samples for these wall segments were not collected because of the stepout samples required for wall segments DA and EA in the adjacent subarea BA-4. See Figure 3-12 for more information.

Note: \* The 3 ft stepout from BA-2 wall AA met the BA-1 wall CA 2 ft stepout. No soil wall was present to sample.

**Legend**

- Excavation Node
- Wall Segment
- Composite Floor Sample Line
- AB** Wall Segment Identifier
- Floor Sample
- Wall Sample
- Lead Sample Result Greater than 400 mg/kg
- Lead Sample Result Less Than or Equal to 400 mg/kg

Note: Lead concentrations in mg/kg (laboratory data unless indicated otherwise).



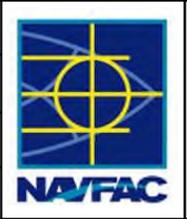
DRAWN BY K. MOORE	DATE 08/07/14
CHECKED BY R. BARRINGER	DATE 12/19/14
REVISOR BY	DATE
SCALE AS NOTED	



**POST-EXCAVATION WALL AND FLOOR  
COMPOSITE SOIL SAMPLES  
UXO 7 400-YARD BERM AREA (BA)  
SUBAREAS BA-1, BA-2, AND BA-3  
NSA CRANE  
CRANE, INDIANA**

CONTRACT NUMBER 1008	CTO NUMBER F271
APPROVED BY	DATE
APPROVED BY	DATE
FIGURE NO. FIGURE 3-10	REV 0

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CHECKED BY R. BARRINGER	DATE 12/29/14
REVISED BY J. ENGLISH	DATE 12/29/14
SCALE AS NOTED	

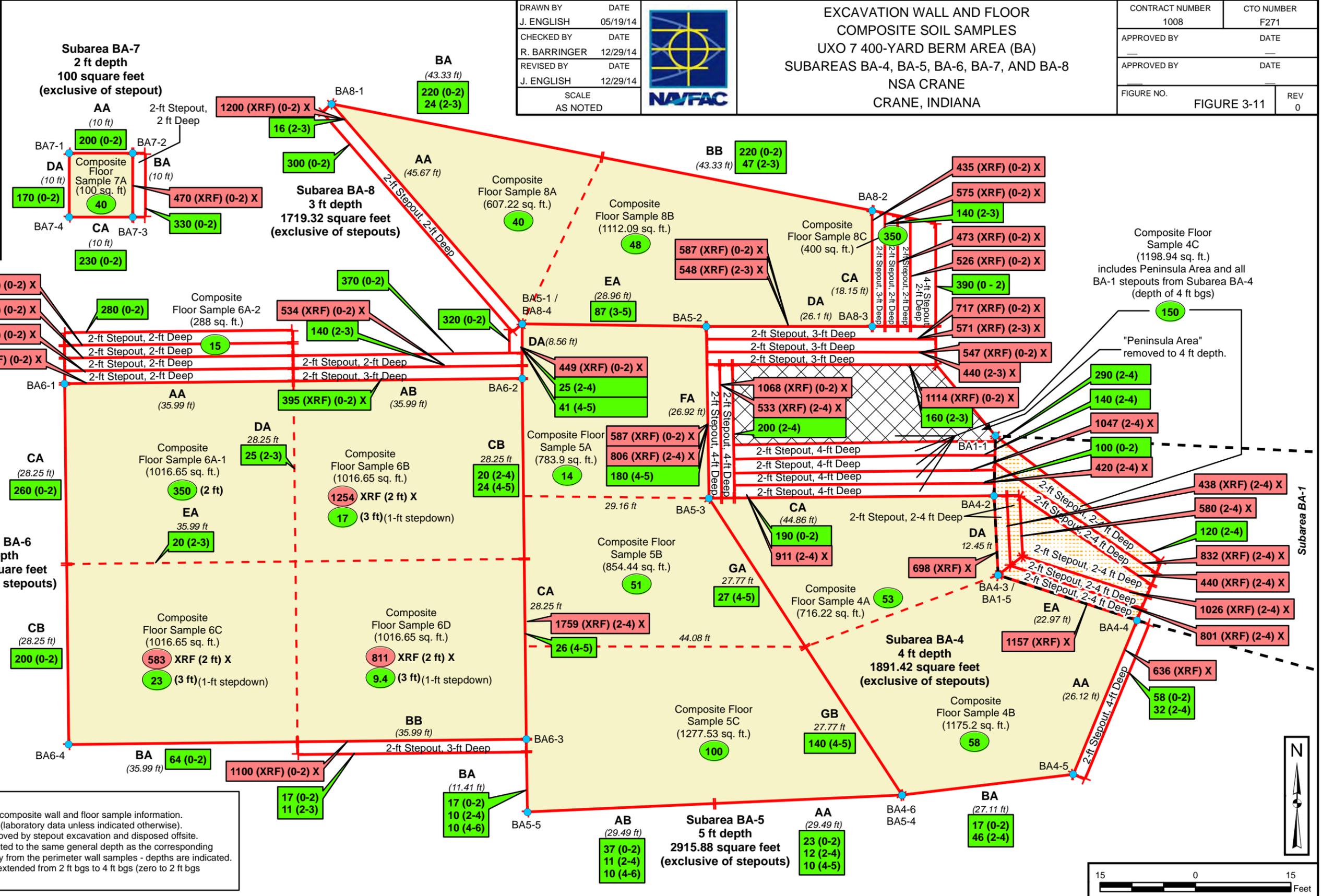


EXCAVATION WALL AND FLOOR  
COMPOSITE SOIL SAMPLES  
UXO 7 400-YARD BERM AREA (BA)  
SUBAREAS BA-4, BA-5, BA-6, BA-7, AND BA-8  
NSA CRANE  
CRANE, INDIANA

CONTRACT NUMBER 1008	CTO NUMBER F271
APPROVED BY	DATE
APPROVED BY	DATE
FIGURE NO. FIGURE 3-11	REV 0

**Legend**

- Excavation Node
- Wall Segment
- Composite Floor Sample Line
- Perimeter of Subarea BA-1
- Wall Segment Identifier
- Floor Sample
- Wall Sample
- Lead Sample Result Greater than 400 mg/kg
- Lead Sample Result Less Than or Equal to 400 mg/kg



Notes:  
 1) See Table 3-9 for specific soil composite wall and floor sample information.  
 2) Lead concentrations in mg/kg (laboratory data unless indicated otherwise).  
 3) X indicates sample result removed by stepout excavation and disposed onsite.  
 4) Stepout samples were excavated to the same general depth as the corresponding excavation subarea as necessary from the perimeter wall samples - depths are indicated.  
 5) Stepouts onto Subarea BA-1 extended from 2 ft bgs to 4 ft bgs (zero to 2 ft bgs removed to address BA-1).

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REVISED BY J. ENGLISH	DATE 12/29/14
SCALE AS NOTED	

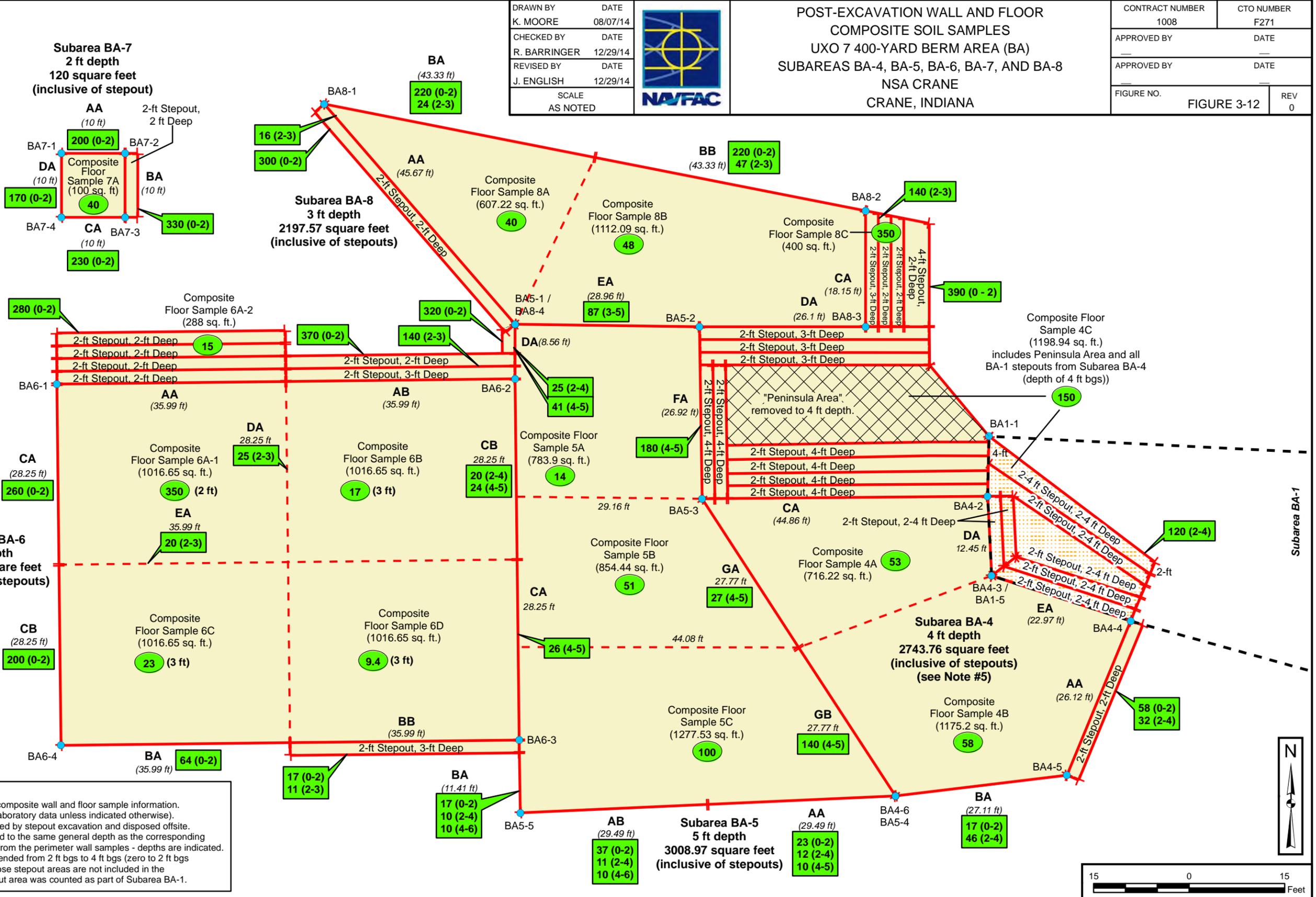


POST-EXCAVATION WALL AND FLOOR  
COMPOSITE SOIL SAMPLES  
UXO 7 400-YARD BERM AREA (BA)  
SUBAREAS BA-4, BA-5, BA-6, BA-7, AND BA-8  
NSA CRANE  
CRANE, INDIANA

CONTRACT NUMBER 1008	CTO NUMBER F271
APPROVED BY	DATE
APPROVED BY	DATE
FIGURE NO. FIGURE 3-12	REV 0

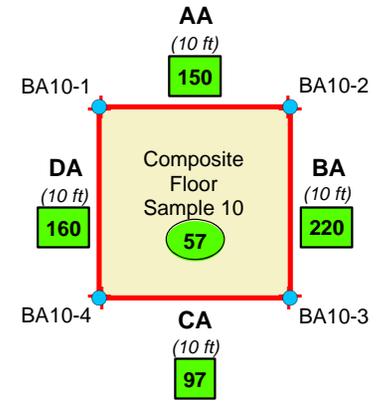
**Legend**

- Excavation Node
- Wall Segment
- Composite Floor Sample Line
- Perimeter of Subarea BA-1
- AB** Wall Segment Identifier
- Floor Sample
- Wall Sample
- Lead Sample Result Greater than 400 mg/kg
- Lead Sample Result Less Than or Equal to 400 mg/kg

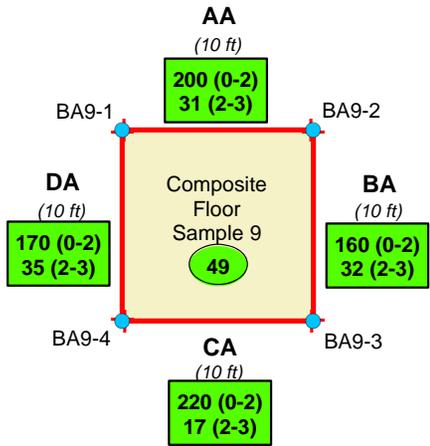




**Subarea BA-10**  
2 ft depth  
100 square feet



**Subarea BA-9**  
3 ft depth  
100 square feet



**Legend**

- Excavation Node
- Wall Segment
- Composite Floor Sample Line
- BA** Wall Segment Identifier
- Floor Sample
- Wall Sample
- Lead Sample Result Less Than or Equal to 400 mg/kg

**Notes:**  
1) See Table 3-10 for specific composite wall and floor sample information.  
2) Lead concentrations in mg/kg (laboratory data unless indicated otherwise).

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REVISOR ---	DATE ---
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POST-EXCAVATION WALL AND FLOOR COMPOSITE SOIL SAMPLES  
UXO 7 400-YARD BERM AREA (BA)  
SUBAREAS BA-9 AND BA-10  
NSA CRANE  
CRANE, INDIANA

CONTRACT NUMBER 1008	CTO NUMBER F271
APPROVED BY ---	DATE ---
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FIGURE NO. FIGURE 3-13	REV 0

Notes:  
 1) Each support area had a composite sample collected and sent for analysis.  
 2) Aerial photograph provided by ESRI's ArcGIS Online World Imagery map service (© 2011 ESRI and its data suppliers).  
 3) Lead concentrations in mg/kg.  
 4) Support area boundaries for composite soil samples.



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J. ENGLISH	05/20/14
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REVISED BY	DATE
K. MOORE	12/09/14
SCALE	
AS NOTED	



DIRT MOUND SOIL REMOVAL AREA AND  
 LOCATION OF IM SUPPORT AREAS AND CONFIRMATION SAMPLING DATA  
 UXO 7 IM SOIL REMOVAL ACTION  
 NSA CRANE  
 CRANE, INDIANA

CONTRACT NUMBER	CTO NUMBER
5608	F271
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APPROVED BY	DATE
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FIGURE NO.	REV
FIGURE 3-14	0

## 4.0 SCREENING RISK EVALUATION

This section evaluates whether there is unacceptable risk to human and ecological receptors exposed to residual lead and PAH contaminated soil remaining after completion of this UXO 7 interim measure. The MCG for lead to address unacceptable risk to human health was established at the OSWER residential screening level of 400 mg/kg. The MCG to address unacceptable risk to ecological receptors was attainment of an average lead concentration across the site of less than 191 mg/kg with no one concentration in surface soil above 651 mg/kg. At NSA Crane the surface soil is defined as the first 2 feet of soil (ground surface to a depth of 2 feet bgs). For PAHs, the human health remediation goal was carcinogenic PAHs, expressed as a BAP equivalent ( $BAP_{eqv}$ ), within the USEPA risk range of  $1 \times 10^{-4}$  to  $1 \times 10^{-6}$ . To achieve this objective, the MCG for  $BAP_{eqv}$  was established at 0.15 mg/kg to demonstrate that the MCG for lead and PAH was achieved,

Section 3.4 contains the results of confirmation sampling that was conducted at excavation sidewalls and floors.

### 4.1 LEAD

Figures 3-8 (Drainage Areas DA-1 and DA-2), 3-10 (Berm Areas BA1 - BA3), 3-12 (Berm Areas BA4 - BA8), and 3-13 (Berm Areas BA-9 and BA-10) represent the post-excavation confirmation sample data for the excavation floors and sidewalls for the range areas excavated for lead removal. The soil confirmation sampling results for samples collected at the Dirt Mound from the native soils below the tarp at the base of the mound are presented on Figure 3-14. Table 4-1 presents the soil lead data for the Drainage Area and Berm Area excavations and also includes the support area soil samples from the Dirt Mound Area in a tabular form. The calculated average residual lead concentration was 88 mg/kg.

Ecological Risk Screening: The maximum surface soil (0-2' bgs) lead concentration remaining in an excavation wall or floor was 400 mg/kg (X7-DA1-EA-SOCW005-0002). Lead was detected in 7 surface soil samples at concentrations above 400 mg/kg from of a total of 284 surface soil samples that reflect post-IM surface soil conditions at UXO 7. The 284 soil samples include the soil confirmation samples at either at the limits of the excavation (wall samples down to two feet in depth and floor samples down to two feet in depth or sampled soil locations from delineation samples that were not disturbed during the IM soil removal action (Table 4-1). The maximum lead concentration (above 400 mg/kg) remaining in surface soil after the IM soil removal action was measured at 595 mg/kg (Table 4-1) at location X7-SB647-0102, in the general area between BA-9 and BA-10. The seven surface soil samples above 400 mg/kg were observed at isolated locations, all contained soil lead concentrations below 600 mg/kg, and all were located beyond the

limits of soil excavations performed during the IM removal action. The specific lead MCGs identified to be protective of ecological receptors at the ORR were an average soil lead concentration of 191 mg/kg and a maximum surface soil lead concentration of 651 mg/kg, and both of these MCGs have been met.

Human Health: The MCG of 400 mg/kg for lead for has generally been met in surface soils (0-2' bgs), as described above. Lead was detected in 2 of 207 subsurface soil samples at concentrations exceeding the MCG for surface soil. The maximum lead concentration remaining in subsurface soil after remediation was 521 mg/kg (X7-SB612-0203), which exceeds the USEPA Office of Solid Waste and Emergency Response (OSWER) and IDEM screening level of 400 mg/kg for residential land use, but is less than the USEPA regional screening level (RSL) and IDEM soil screening level of 800 mg/kg for industrial land use and IDEM soil screening level of 1,000 mg/kg for excavation.

Hypothetical future residential exposures to lead in surface and subsurface soil were evaluated using the most recent version of the Integrated Exposure Uptake Biokinetic (IEUBK) lead model (Version 1.1 Build 11). The site average lead concentration after this IM of 88 mg/kg in surface and subsurface soil was used as the exposure point concentration (EPC). Default values were used for the remaining model input parameters. IEUBK Model outputs are included in Appendix G.1. The lead concentration of 88 mg/kg in surface and subsurface soil results in 0.008 percent of future on-site child residents having a blood lead level greater than 10 micrograms per deciliter ( $\mu\text{g}/\text{dL}$ ) and results in a geometric mean blood lead level of 1.6  $\mu\text{g}/\text{dL}$ . These results are within the USEPA goal of no more than 5 percent of children exceeding a 10  $\mu\text{g}/\text{dL}$  blood lead level (USEPA, 1994).

Exposures to lead in surface and subsurface soil by industrial workers were evaluated using Adult Lead Model (ALM) developed by the USEPA TRW for Lead (USEPA, 2003 and 2009). The average lead concentration of 88 mg/kg in surface and subsurface soil was used as the EPC. The incremental lifetime cancer risks (ILCRs) and the noncancer hazard index (HIs) are calculated for non-lead chemicals using Reasonable Maximum Exposure (RME) assumptions; however, the ALM guidance recommends the use of central tendency estimate (CTE) assumptions in evaluating adult exposures to lead in soil (USEPA, 2003). Therefore, the incidental soil ingestion rate was assumed to be 50 mg/day for industrial workers and the exposure frequency was assumed to be 219 days per year. Default parameters were used for the remaining model input parameters. Results of the model runs included in Appendix G.2. The fetus of a pregnant worker is the ultimate receptor of concern for the TRW model. The lead concentration of 88 mg/kg in surface and subsurface soil results in 0.005 percent of industrial workers having a blood lead level greater than 10  $\mu\text{g}/\text{dL}$  and results in a geometric mean blood lead level of 1.1  $\mu\text{g}/\text{dL}$ . These results are within the USEPA goal of no more than 5 percent of children exceeding a 10  $\mu\text{g}/\text{dL}$  blood lead level (USEPA, 1994).

In summary, there are no potentially unacceptable risks from residential and industrial exposures to lead in surface and subsurface soil.

## 4.2 PAHS

Figures 3-4 (West Trap Range) and 3-6 (East Trap Range) present the post-excavation excavation floor and sidewall data for areas excavated for PAHs. Table 4-2 presents the PAH data in a tabular form for the West Trap Range and Table 4-3 presents the data for the East Trap Range. The maximum surface soil ( $BAP_{eqv}$ ) concentration remaining in either of the former trap ranges excavation wall or floor was 0.744 mg/kg (X7-WTR-EA-SOCW015-0001) on the West Trap Range.

### Human Health Receptor Risk Screening:

After soil removal, the 95 percent UCL for the  $BAP_{eqv}$  in the West Trap Range soil is 0.084 mg/kg, which is less than the MCG of 0.15 mg/kg. The potential cancer risks for residential exposure is  $6 \times 10^{-6}$  and for industrial exposure is  $3 \times 10^{-7}$ , which are within or less than USEPA's target risk range of  $10^{-4}$  to  $10^{-6}$ . The post-IM concentrations of noncarcinogenic PAHs in the West Trap Range soil are less than USEPA and IDEM screening levels for residential receptor exposures to soil (Appendix G.2).

After soil removal, the 95 percent UCL for the  $BAP_{eqv}$  in the East Trap Range soil is 0.077 mg/kg, which is less than the MCG of 0.15 mg/kg. The potential cancer risks for residential exposures is  $5 \times 10^{-6}$  and for industrial exposures is  $3 \times 10^{-7}$ , which are within or less than USEPA's and IDEM's target risk range of  $10^{-4}$  to  $10^{-6}$ . The post-IM concentrations of noncarcinogenic PAHs in the East Trap Range soil are less than USEPA and IDEM screening levels for residential receptor exposures to soil (Appendix G.2).

The ProUCL output data for the post-IM removal action soil PAH concentrations on the West Trap Range and the East Trap Range are presented in Appendix G.3.

### Ecological Receptor Risk Screening:

EPA has also developed Ecological Soil Screening Levels (Eco-SSLs) for PAH compounds in soil and presented that information in USEPA, Office of Solid Waste and Emergency Response (OSWER) Directive 9285.7-78, Ecological Soil Screening Levels for Polycyclic Aromatic Hydrocarbons (PAHs), Interim Final, June 2007. The division of the specific PAH compounds into the low and high molecular weight classes (shown below) is based on the approach presented in USEPA, OSWER Directive 9285.7-78, Interim Final, June, 2007.

<b>Low Molecular Weight (LMW) PAH Compounds</b>	<b>High Molecular Weight (HMW) PAH Compounds</b>
1-METHYLNAPHTHALENE	BENZO(A)ANTHRACENE
2-METHYLNAPHTHALENE	BENZO(A)PYRENE
ACENAPHTHENE	BENZO(B)FLUORANTHENE
ACENAPHTHYLENE	BENZO(G,H,I)PERYLENE
FLUORANTHENE	BENZO(K)FLUORANTHENE
FLUORENE	CHRYSENE
NAPHTHALENE	DIBENZO(A,H)ANTHRACENE
PHENANTHRENE	INDENO(1,2,3-CD)PYRENE
	PYRENE

The post-IM surface soil PAH sample data for surface soil samples (ground surface to two feet bgs) are summarized and averaged by constituent and summed based on their molecular weight grouping (LMW or HMW) in Appendix G.4 of this report. Table G.4-1 presents the post-IM removal action individual sample surface soil PAH compound concentrations for samples collected on the West Trap Range. Those analytical concentration data are averaged by constituent and those constituent averages are summed based on whether the specific PAH compound is categorized as an LMW or an HMW compound. In similar fashion, Table G.4-2 presents the post-IM removal action individual sample surface soil PAH compound concentrations for samples collected on the East Trap Range. Those analytical concentration data are averaged by constituent and those constituent averages are summed based on whether the specific PAH compound is categorized as an LMW or an HMW compound.

The summed averages of LMW and HMW PAH compounds detected in soil samples representing the biologically available surface to two feet deep soil on the West Trap Range and the East Trap Range are derived in Tables G.4-1 and G.4-2 of Appendix G, respectively. The summed averaged LMW and HMW PAH compound concentrations for the West Trap Range and the East Trap Range and permits comparison to the relevant EPA ECO-SSL values developed for LMW and HMW PAH compounds (USEPA, OSWER Directive 9285.7-78, Interim Final, June, 2007). As shown in the table below, the averaged summed residual concentrations of LMW PAH compounds and HMW PAH compounds present in surface soil on the West and East Trap Ranges at UXO 7 are significantly below the applicable ECO-SSLs for both soil invertebrate receptors and also for mammalian receptors.

	West Trap Range PAH Surface Soil Data (Surface to 2 ft. bgs) Summed Averages for Relevant PAH Constituents (mg/kg)	East Trap Range PAH Surface Soil Data (Surface to 2 ft. bgs) Summed Averages for Relevant PAH Constituents (mg/kg)	ECO-SSLs Soil Invertebrates (mg/kg)	ECO-SSLs Mammals (mg/kg)
<b>LMW PAHs</b>	<b>0.081</b>	<b>0.065</b>	<b>29</b>	<b>100</b>
<b>HMW PAHs</b>	<b>0.263</b>	<b>0.159</b>	<b>18</b>	<b>1.1</b>

Based on these averaged summed residual concentrations of LMW PAH compounds and HMW PAH compounds present in surface soil on the West and East Trap Ranges at UXO 7, the residual PAHs in the former range surface soils are significantly below the applicable ECO-SSLs (invertebrates and mammals). Consequently, based on the guidance presented in the EPA Ecological Soil Screening Levels Interim Final Directive (USEPA OSWER, June 2007), there are no ecological exposure risks posed by the concentrations of residual PAHs (when evaluated in terms of LMW/HMW PAH compounds) in surface soil (ground surface to two feet bgs) within the footprints of the former West Trap Range and the former East Trap Range at UXO 7.

#### 4.3 CONCLUSION

The targeted removal of discrete areas of lead- and PAH-contaminated soil and replacement with backfill has reduced receptor exposure risks on these former small arms range areas at UXO 7. Unacceptable ecological risks also have been mitigated. The potentially unacceptable cancer risk for both residential and industrial exposures due to soil PAH concentrations in former trap range soil have also been mitigated.

Therefore, there are no potentially unacceptable risks to residential or industrial receptors caused by surface or subsurface soil remaining at the former small arms ranges at UXO 7 or to ecological receptors caused by the surface soil remaining at the former small arms ranges at UXO 7. In addition, the backfill consisting of sand, topped with 6-inches of clean soil, placed within the excavations provides a barrier to any residual contamination. No further action for soils (both surface and subsurface) is recommended for UXO 7 (former East and West Trap Ranges, South Pistol Range, and ORR).

TABLE 4-1

**POST-IM SOIL LEAD CONCENTRATIONS IN OLD RIFLE RANGE SOIL  
(DRAINAGE AREA, 400-YARD BERM AREA, AND DIRT MOUND AREA)  
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Soil Sample Name	Sample Collection Round	Lead Concentration (mg/kg)	Surface Soil 0 - 2 ft bgs	Subsurface Soil > 2 ft bgs
<b>Drainage Area (DA) of Northern Zone</b>				
X7-SB055-0203	2	3.5		X
X7-SB055-0304	2	10		X
X7-SS173-0002	RFI	125	X	
X7-SB174-0203	2	8.1		X
X7-SB174-0304	2	10		X
X7-SS175-0002	RFI	170	X	
X7-SS176-0002	RFI	143	X	
X7-SS189-0002	RFI	151	X	
X7-SS190-0002	RFI	<b>347</b>	X	
X7-SB190-0203	2	10		X
X7-SB190-0304	2	10		X
X7-SB274-0203	2	28.4		X
X7-SB274-0304	2	11.9		X
X7-SB275-0203	2	46.4		X
X7-SB275-0304	2	1.6		X
X7-SS276-0001	1	128	X	
X7-SS276-0102	1	90.9	X	
X7-SS277-0001	1	<b>382</b>	X	
X7-SS277-0102	1	<b>315</b>	X	
X7-SB277-0203	2	10		X
X7-SB277-0304	2	10		X
X7-SS278-0102	1	<b>315</b>	X	
X7-SB278-0203	2	10		X
X7-SB278-0304	2	10		X
X7-SB279-0203	1	20.1		X
X7-SB282-0203	1	88.8		X
X7-SB283-0203	2	39.9		X
X7-SB283-0304	2	10		X
X7-SS285-0001	1	<b>392</b>	X	
X7-SB285-0203	2	10		X
X7-SB285-0304	2	10		X
X7-SS286-0001	1	189	X	
X7-SS287-0001	1	44.8	X	
X7-SS288-0001	1	63.8	X	
X7-SS289-0001	1	78	X	
X7-SS290-0001	1	143	X	

TABLE 4-1

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Soil Sample Name	Sample Collection Round	Lead Concentration (mg/kg)	Surface Soil 0 - 2 ft bgs	Subsurface Soil > 2 ft bgs
X7-SS290-0102	1	29	X	
X7-SS321-0001	1	156	X	
X7-SS321-0102	1	40	X	
X7-SS323-0001	1	448	X	
X7-SS323-0102	1	50.2	X	
X7-SS325-0001	1	419	X	
X7-SS325-0102	1	37.3	X	
X7-SS327-0001	1	66.4	X	
X7-SS329-0001	1	46.3	X	
X7-SS331-0001	1	138	X	
X7-SS331-0102	1	39.4	X	
X7-SS333-0001	1	198	X	
X7-SS333-0102	1	39.4	X	
X7-SS336-0001	1	236	X	
X7-SS336-0102	1	71	X	
X7-SS337-0001	1	63.1	X	
X7-SS342-0102	1	263	X	
X7-SB342-0203	2	10		X
X7-SB342-0304	2	10		X
X7-SS344-0001	1	111	X	
X7-SS344-0102	1	22.8	X	
X7-SS424-0001	1	193	X	
X7-SS424-0102	1	91	X	
X7-SS425-0001	1	160	X	
X7-SS425-0102	1	16.5	X	
X7-SB426-0304	1	16.2		X
X7-SB427-0304	1	22.7		X
X7-SB428-0304	1	26.7		X
X7-SS429-0001	1	125	X	
X7-SB567-0001	2	99.3	X	
X7-SB567-0102	2	12.7	X	
X7-SB568-0001	2	256.1	X	
X7-SB568-0102	2	88.2	X	
X7-SB568-0203	2	10		X
X7-SB568-0304	2	10		X

TABLE 4-1

**POST-IM SOIL LEAD CONCENTRATIONS IN OLD RIFLE RANGE SOIL  
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Soil Sample Name	Sample Collection Round	Lead Concentration (mg/kg)	Surface Soil 0 - 2 ft bgs	Subsurface Soil > 2 ft bgs
X7-SB569-0203	2	10		X
X7-SB569-0304	2	10		X
X7-SB570-0001	2	262.3	X	
X7-SB570-0102	2	11.9	X	
X7-SB570-0203	2	10		X
X7-SB570-0304	2	10		X
X7-SB571-0001	2	82.1	X	
X7-SB571-0102	2	10	X	
X7-SB572-0001	2	17.3	X	
X7-SB572-0102	2	38	X	
X7-SB573-0001	2	48	X	
X7-SB573-0102	2	46.8	X	
X7-SB574-0001	2	59.5	X	
X7-SB574-0102	2	16.9	X	
X7-SB575-0001	2	90.5	X	
X7-SB575-0102	2	10	X	
X7-SB576-0001	2	94.4	X	
X7-SB576-0102	2	4.7	X	
X7-SB577-0001	2	95.3	X	
X7-SB577-0102	2	2	X	
X7-SS607-0001	2	11.9	X	
X7-SS607-0102	2	5	X	
X7-SS608-0001	2	166	X	
X7-SS608-0102	2	14.2	X	
X7-SS609-0001	2	10.8	X	
X7-SS609-0102	2	10	X	
X7-DA1-AA-SOCW001-0002	Confirmation	170	X	
X7-DA1-BA-SOCW002-0002	Confirmation	380	X	
X7-DA1-CA-SOCW006-0002	Confirmation	8.9	X	
X7-DA1-DA-SOCW004-0002	Confirmation	370	X	
X7-DA1-EA-SOCW005-0002	Confirmation	400	X	
X7-DA1-A-SOCF001	Confirmation	93	X	
X7-DA2-AA-SOCW001-0002	Confirmation	150	X	
X7-DA2-BA-SOCW002-0002	Confirmation	260	X	
X7-DA2-CA-SOCW003-0002	Confirmation	200	X	
X7-DA2-DA-SOCW004-0002	Confirmation	270	X	
X7-DA2-A-SOCF001	Confirmation	78	X	

TABLE 4-1

**POST-IM SOIL LEAD CONCENTRATIONS IN OLD RIFLE RANGE SOIL  
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Soil Sample Name	Sample Collection Round	Lead Concentration (mg/kg)	Surface Soil 0 - 2 ft bgs	Subsurface Soil > 2 ft bgs
<b>Berm Area (BA) of Northern Zone - 400-yard Firing Berm</b>				
X7-SS043-0002	RFI	56	X	
X7-SB045-0506	2	56		X
X7-SB046-0506	2	43		X
X7-SS178-0002	RFI	41	X	
X7-SS179-0002	RFI	84	X	
X7-SB296-0506	2	10		X
X7-SB296-0607	2	10		X
X7-SB298-0506	2	24		X
X7-SB300-0506	2	10		X
X7-SB351-0506	2	128		X
X7-SB351-0607	2	10		X
X7-SB351-0708	2	10		X
X7-SB358-0506	2	<b>283</b>		X
X7-SB358-0607	2	10		X
X7-SB358-0708	2	10		X
X7-SS363-0001	1	180	X	
X7-SS363-0102	1	10	X	
X7-SB369-0506	2	15		X
X7-SB395-0506	2	10		X
X7-SB395-0607	2	10		X
X7-SB398-0506	2	4		X
X7-SB409-0506	2	10		X
X7-SS410-0001	1	12	X	
X7-SS412-0001	1	189	X	
X7-SS412-0102	1	32	X	
X7-SS414-0001	1	<b>199</b>	X	
X7-SS414-0102	1	104	X	
X7-SS415-0001	1	105	X	
X7-SS415-0102	1	36	X	
X7-SS416-0001	1	78	X	
X7-SB417-0506	2	108		X
X7-SB417-0607	2	10		X
X7-SB551-0506	2	10		X
X7-SB552-0506	2	10		X
X7-SB554-0506	2	10		X
X7-SB556-0607	2	108		X

TABLE 4-1

**POST-IM SOIL LEAD CONCENTRATIONS IN OLD RIFLE RANGE SOIL  
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Soil Sample Name	Sample Collection Round	Lead Concentration (mg/kg)	Surface Soil 0 - 2 ft bgs	Subsurface Soil > 2 ft bgs
X7-SB556-0708	2	23		X
X7-SB557-0506	2	2		X
X7-SB558-0506	2	217		X
X7-SB558-0607	2	15		X
X7-SB558-0708	2	10		X
X7-SS563-0001	2	195	X	
X7-SS563-0102	2	10	X	
X7-SB563-0203	2	10		X
X7-SB563-0304	2	10		X
X7-SS564-0001	2	222	X	
X7-SS564-0102	2	36	X	
X7-SB564-0203	2	10		X
X7-SB564-0304	2	10		X
X7-SB565-0405	2	8		X
X7-SB565-0506	2	10		X
X7-SB566-0405	2	3		X
X7-SB582-0405	2	8		X
X7-SB582-0506	2	10		X
X7-SB583-0405	2	10		X
X7-SB583-0506	2	10		X
X7-SS584-0001	2	242	X	
X7-SS584-0102	2	10	X	
X7-SB584-0203	2	10		X
X7-SB584-0304	2	10		X
X7-SS585-0001	2	175	X	
X7-SS585-0102	2	10	X	
X7-SS586-0001	2	386	X	
X7-SS586-0102	2	204	X	
X7-SS587-0001	2	138	X	
X7-SS587-0102	2	100	X	
X7-SS588-0001	2	130	X	
X7-SS588-0102	2	100	X	
X7-SB588-0203	2	62		X
X7-SB592-0607	2	23		X
X7-SB592-0708	2	10		X
X7-SS595-0001	2	157	X	
X7-SS595-0102	2	10	X	

TABLE 4-1

**POST-IM SOIL LEAD CONCENTRATIONS IN OLD RIFLE RANGE SOIL  
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Soil Sample Name	Sample Collection Round	Lead Concentration (mg/kg)	Surface Soil 0 - 2 ft bgs	Subsurface Soil > 2 ft bgs
X7-SS596-0001	2	10	X	
X7-SS596-0102	2	10	X	
X7-SS597-0001	2	89	X	
X7-SS597-0102	2	10	X	
X7-SS599-0001	2	10	X	
X7-SS599-0102	2	10	X	
X7-SS602-0001	2	114	X	
X7-SS602-0102	2	<b>282</b>	X	
X7-SB602-0203	2	129		X
X7-SB602-0304	2	50		X
X7-SB603-0506	2	10		X
X7-SS606-0001	2	10	X	
X7-SS606-0102	2	10	X	
X7-SB611-0405	2	33		X
X7-SS612-0001	2	<b>317</b>	X	
X7-SS612-0102	2	<b>314</b>	X	
X7-SB612-0203	2	<b>521</b>		X
X7-SB612-0304	2	10		X
X7-SS613-0001	2	<b>200</b>	X	
X7-SS613-0102	2	<b>273</b>	X	
X7-SB613-0203	2	10		X
X7-SB613-0304	2	10		X
X7-SS614-0001	2	108	X	
X7-SS614-0102	2	22	X	
X7-SS616-0001	2	<b>218</b>	X	
X7-SS616-0102	2	<b>298</b>	X	
X7-SB616-0203	2	10		X
X7-SB616-0304	2	10		X
X7-SS617-0001	2	107	X	
X7-SS617-0102	2	10	X	
X7-SS618-0001	2	10	X	
X7-SS618-0102	2	10	X	
X7-SS618-0203	2	10		X
X7-SB619-0506	2	5		X
X7-SS621-0001	2	<b>324</b>	X	
X7-SS621-0102	2	154	X	
X7-SB621-0203	2	<b>508</b>		X

TABLE 4-1

**POST-IM SOIL LEAD CONCENTRATIONS IN OLD RIFLE RANGE SOIL  
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Soil Sample Name	Sample Collection Round	Lead Concentration (mg/kg)	Surface Soil 0 - 2 ft bgs	Subsurface Soil > 2 ft bgs
X7-SB621-0304	2	10		X
X7-SS622-0001	2	99	X	
X7-SS622-0102	2	393	X	
X7-SB622-0203	2	372		X
X7-SB622-0304	2	14		X
X7-SS623-0001	2	40	X	
X7-SS623-0102	2	10	X	
X7-SB624-0506	2	10		X
X7-SB624-0607	2	10		X
X7-SB624-0708	2	10		X
X7-SB625-0506	2	10		X
X7-SB625-0607	2	10		X
X7-SS626-0001	2	148	X	
X7-SS626-0102	2	10	X	
X7-SB626-0203	2	10		X
X7-SB626-0304	2	10		X
X7-SS627-0001	2	106	X	
X7-SS627-0102	2	142	X	
X7-SB627-0203	2	10		X
X7-SB627-0304	2	10		X
X7-SS628-0001	2	35	X	
X7-SS628-0102	2	44	X	
X7-SB629-0405	2	10		X
X7-SB629-0506	2	10		X
X7-SB632-0506	2	10		X
X7-SB635-0506	2	10		X
X7-SB637-0506	2	10		X
X7-SB638-0506	2	13		X
X7-SS642-0001	2	231	X	
X7-SS642-0102	2	126	X	
X7-SB642-0203	2	331		X
X7-SB642-0304	2	10		X
X7-SS643-0001	2	166	X	
X7-SS643-0102	2	113	X	
X7-SB643-0203	2	63		X
X7-SB643-0304	2	10		X
X7-SS645-0001	2	104	X	

TABLE 4-1

**POST-IM SOIL LEAD CONCENTRATIONS IN OLD RIFLE RANGE SOIL  
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Soil Sample Name	Sample Collection Round	Lead Concentration (mg/kg)	Surface Soil 0 - 2 ft bgs	Subsurface Soil > 2 ft bgs
X7-SS645-0102	2	319	X	
X7-SB645-0203	2	15		X
X7-SB645-0304	2	10		X
X7-SS646-0001	2	90	X	
X7-SS646-0102	2	178	X	
X7-SB646-0203	2	6		X
X7-SB646-0304	2	10		X
X7-SS647-0001	2	122	X	
X7-SS647-0102	2	595	X	
X7-SB647-0203	2	10		X
X7-SB647-0304	2	10		X
X7-SS648-0001	2	155	X	
X7-SS648-0102	2	426	X	
X7-SB648-0203	2	2		X
X7-SB648-0304	2	10		X
X7-SS649-0001	2	146	X	
X7-SS649-0102	2	319	X	
X7-SB649-0203	2	1		X
X7-SB649-0304	2	10		X
X7-SS650-0001	2	112	X	
X7-SS650-0102	2	11	X	
X7-SB650-0203	2	10		X
X7-SS651-0001	2	103	X	
X7-SS651-0102	2	116	X	
X7-SB651-0203	2	33		X
X7-SB651-0304	2	10		X
X7-SS652-0001	2	189	X	
X7-SS652-0102	2	10	X	
X7-SB652-0203	2	10		X
X7-SS653-0001	2	120	X	
X7-SS653-0102	2	45	X	
X7-SB653-0203	2	97		X
X7-SB653-0304	2	10		X
X7-SS654-0001	2	44	X	
X7-SS654-0102	2	94	X	
X7-SB654-0203	2	12		X
X7-SB654-0304	2	10		X

TABLE 4-1

**POST-IM SOIL LEAD CONCENTRATIONS IN OLD RIFLE RANGE SOIL  
(DRAINAGE AREA, 400-YARD BERM AREA, AND DIRT MOUND AREA)  
UXO 07 - INTERIM MEASURES REPORT  
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Soil Sample Name	Sample Collection Round	Lead Concentration (mg/kg)	Surface Soil 0 - 2 ft bgs	Subsurface Soil > 2 ft bgs
X7-SS656-0001	2	128	X	
X7-SS656-0102	2	137	X	
X7-SB656-0203	2	10		X
X7-SB656-0304	2	10		X
X7-SB657-0506	2	10		X
X7-SS659-0001	2	<b>227</b>	X	
X7-SS659-0102	2	80	X	
X7-SB659-0203	2	10		X
X7-SB660-0203	2	10		X
X7-SB660-0304	2	10		X
X7-SS661-0001	2	164	X	
X7-SS661-0102	2	10	X	
X7-SB661-0203	2	10		X
X7-SS663-0001	2	<b>229</b>	X	
X7-SS663-0102	2	10	X	
X7-SB663-0203	2	10		X
X7-SS664-0001	2	10	X	
X7-SS664-0102	2	10	X	
X7-SS665-0001	2	10	X	
X7-SS665-0102	2	10	X	
X7-SS666-0001	2	10	X	
X7-SS666-0102	2	10	X	
X7-SB667-0304	2	10		X
X7-SS668-0001	2	<b>225</b>	X	
X7-SS668-0102	2	182	X	
X7-SB668-0203	2	10		X
X7-SB668-0304	2	10		X
X7-SS669-0001	2	<b>348</b>	X	
X7-SS669-0102	2	2	X	
X7-SB669-0203	2	10		X
X7-SB669-0304	2	10		X
X7-SB674-0203	2	10		X
X7-SB675-0203	2	5		X
X7-SB675-0304	2	10		X
X7-SB676-0203	2	10		X
X7-SB676-0304	2	10		X
X7-SB677-0304	2	9		X

TABLE 4-1

**POST-IM SOIL LEAD CONCENTRATIONS IN OLD RIFLE RANGE SOIL  
(DRAINAGE AREA, 400-YARD BERM AREA, AND DIRT MOUND AREA)  
UXO 07 - INTERIM MEASURES REPORT  
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Soil Sample Name	Sample Collection Round	Lead Concentration (mg/kg)	Surface Soil 0 - 2 ft bgs	Subsurface Soil > 2 ft bgs
X7-SS678-0001	2	107	X	
X7-SS678-0102	2	489	X	
X7-SB678-0203	2	10		X
X7-SB678-0304	2	10		X
X7-SS679-0001	2	236	X	
X7-SS679-0102	2	569	X	
X7-SB679-0203	2	19		X
X7-SB679-0304	2	10		X
X7-SS680-0001	2	159	X	
X7-SS680-0102	2	249	X	
X7-SB680-0203	2	10		X
X7-SB680-0304	2	10		X
X7-SS681-0001	2	152	X	
X7-SS681-0102	2	30	X	
X7-SB681-0203	2	10		X
X7-SS682-0001	2	161	X	
X7-SS682-0102	2	10	X	
X7-SB682-0203	2	10		X
X7-SS683-0001	2	71	X	
X7-SS683-0102	2	10	X	
X7-SS684-0001	2	10	X	
X7-SS684-0102	2	10	X	
X7-SS685-0001	2	10	X	
X7-SS685-0102	2	10	X	
X7-SS686-0001	2	449	X	
X7-SS686-0102	2	80	X	
X7-SB686-0203	2	7		X
X7-SS687-0001	2	262	X	
X7-SS687-0102	2	92	X	
X7-SB687-0203	2	10		X
X7-SS688-0001	2	10	X	
X7-SS688-0102	2	4	X	
X7-SS689-0001	2	10	X	
X7-SS689-0102	2	10	X	
X7-SB689-0203	2	10		X
X7-SS690-0001	2	10	X	
X7-SS690-0102	2	30	X	

TABLE 4-1

**POST-IM SOIL LEAD CONCENTRATIONS IN OLD RIFLE RANGE SOIL  
(DRAINAGE AREA, 400-YARD BERM AREA, AND DIRT MOUND AREA)  
UXO 07 - INTERIM MEASURES REPORT  
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Soil Sample Name	Sample Collection Round	Lead Concentration (mg/kg)	Surface Soil 0 - 2 ft bgs	Subsurface Soil > 2 ft bgs
X7-SS691-0001	2	10	X	
X7-SS691-0102	2	321	X	
X7-SB691-0203	2	117		X
X7-SB691-0304	2	10		X
X7-SB692-0203	2	10		X
X7-SB692-0304	2	10		X
X7-SS693-0001	2	29	X	
X7-SS693-0102	2	10	X	
X7-SS694-0001	2	142	X	
X7-SS694-0102	2	15	X	
X7-SB694-0203	2	10		X
X7-SS695-0001	2	70	X	
X7-SS695-0102	2	11	X	
X7-SB696-0203	2	148		X
X7-SB696-0304	2	10		X
X7-SS697-0001	2	81	X	
X7-SS697-0102	2	10	X	
X7-SS698-0001	2	10	X	
X7-SS698-0102	2	10	X	
X7-SS699-0001	2	24	X	
X7-SS699-0102	2	6	X	
X7-SB701-0304	2	18		X
X7-SS702-0001	2	24	X	
X7-SS702-0102	2	17	X	
X7-SS703-0001	2	51	X	
X7-SS703-0102	2	10	X	
X7-BA1-AA-SOCW001-0002	Confirmation	140	X	
X7-BA1-AB-SOCW004-0002	Confirmation	120	X	
X7-BA1-AC-SOCW-036-0002	Confirmation	81	X	
X7-BA1-AD-SOCW035-0002	Confirmation	60	X	
X7-BA1-BA-SOCW032-0002	Confirmation	270	X	
X7-BA1-CA-SOCW033-0002	Confirmation	190	X	
X7-BA1-CB-SOCW034-0002	Confirmation	260	X	
X7-BA1-DA-SOCW022-0002	Confirmation	290	X	
X7-BA1-DB-SOCW025-0002	Confirmation	200	X	
X7-BA1-FA-SOCW029-0002	Confirmation	98	X	
X7-BA1-A-SOCF001	Confirmation	190	X	

TABLE 4-1

**POST-IM SOIL LEAD CONCENTRATIONS IN OLD RIFLE RANGE SOIL  
(DRAINAGE AREA, 400-YARD BERM AREA, AND DIRT MOUND AREA)  
UXO 07 - INTERIM MEASURES REPORT  
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Soil Sample Name	Sample Collection Round	Lead Concentration (mg/kg)	Surface Soil 0 - 2 ft bgs	Subsurface Soil > 2 ft bgs
X7-BA1-B-SOCF002	Confirmation	180	X	
X7-BA1-C-SOCF003	Confirmation	88	X	
X7-BA1-D-SOCF004	Confirmation	70	X	
X7-BA2-BA-SOCW002-0002	Confirmation	190	X	
X7-BA2-CA-SOCW003-0002	Confirmation	150	X	
X7-BA2-DA-SOCW004-0002	Confirmation	<b>210</b>	X	
X7-BA2-A-SOCF002	Confirmation	9.3	X	
X7-BA3-AA-SOCW001-0002	Confirmation	86	X	
X7-BA3-BA-SOCW002-0002	Confirmation	<b>220</b>	X	
X7-BA3-CA-SOCW003-0002	Confirmation	160	X	
X7-BA3-DA-SOCW004-0002	Confirmation	<b>290</b>	X	
X7-BA3-A-SOCF001	Confirmation	26	X	
X7-BA4-AA-SOCW009-0002	Confirmation	58	X	
X7-BA4-AA-SOCW002-0204	Confirmation	32		X
X7-BA4-BA-SOCW003-0002	Confirmation	17	X	
X7-BA4-BA-SOCW004-0204	Confirmation	46		X
X7-BA4-EA-SOCW021-0204	Confirmation	120		X
X7-BA4-A-SOCF001	Confirmation	53		X
X7-BA4-B-SOCF002	Confirmation	58		X
X7-BA4-C-SOCF003	Confirmation	150		X
X7-BA5-AA-SOCW001-0002	Confirmation	23	X	
X7-BA5-AA-SOCW002-0204	Confirmation	12		X
X7-BA5-AA-SOCW003-0405	Confirmation	10		X
X7-BA5-AB-SOCW004-0002	Confirmation	37	X	
X7-BA5-AB-SOCW005-0204	Confirmation	11		X
X7-BA5-AB-SOCW006-0405	Confirmation	10		X
X7-BA5-BA-SOCW007-0002	Confirmation	17	X	
X7-BA5-BA-SOCW008-0204	Confirmation	10		X
X7-BA5-BA-SOCW009-0405	Confirmation	10		X
X7-BA5-CA-SOCW011-0405	Confirmation	26		X
X7-BA5-CB-SOCW012-0204	Confirmation	20		X
X7-BA5-CB-SOCW013-0405	Confirmation	24		X
X7-BA5-DA-SOCW025-0002	Confirmation	<b>320</b>	X	
X7-BA5-DA-SOCW015-0204	Confirmation	25		X
X7-BA5-DA-SOCW016-0405	Confirmation	41		X
X7-BA5-EA-SOCW017-0305	Confirmation	87		X
X7-BA5-GA-SOCW021-0405	Confirmation	27		X

TABLE 4-1

**POST-IM SOIL LEAD CONCENTRATIONS IN OLD RIFLE RANGE SOIL  
(DRAINAGE AREA, 400-YARD BERM AREA, AND DIRT MOUND AREA)  
UXO 07 - INTERIM MEASURES REPORT  
NSA CRANE, CRANE, INDIANA  
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Soil Sample Name	Sample Collection Round	Lead Concentration (mg/kg)	Surface Soil 0 - 2 ft bgs	Subsurface Soil > 2 ft bgs
X7-BA5-GB-SOCW022-0405	Confirmation	140		X
X7-BA5-A-SOCF001	Confirmation	14		X
X7-BA5-B-SOCF002	Confirmation	51		X
X7-BA5-C-SOCF003	Confirmation	100		X
X7-BA6-AA-SOCW017-0002	Confirmation	280	X	
X7-BA6-AB-SOCW015-0002	Confirmation	370	X	
X7-BA6-BA-SOCW003-0002	Confirmation	64	X	
X7-BA6-BB-SOCW012-0002	Confirmation	17	X	
X7-BA6-BB-SOCW013-0204	Confirmation	11		X
X7-BA6-CA-SOCW005-0002	Confirmation	260	X	
X7-BA6-CB-SOCW006-0002	Confirmation	200	X	
X7-BA6-DA-SOCW007-0204	Confirmation	25		X
X7-BA6-EA-SOCW008-0204	Confirmation	20		X
X7-BA6-A-SOCF001	Confirmation	350	X	
X7-BA6-B-SOCF005	Confirmation	17		X
X7-BA6-C-SOCF006	Confirmation	23		X
X7-BA6-D-SOCF007	Confirmation	9.4		X
X7-BA6-A-SOCF008	Confirmation	15	X	
X7-BA7-AA-SOCW001-0002	Confirmation	200	X	
X7-BA7-BA-SOCW005-0002	Confirmation	330	X	
X7-BA7-CA-SOCW003-0002	Confirmation	230	X	
X7-BA7-DA-SOCW004-0002	Confirmation	170	X	
X7-BA7-A-SOCF001	Confirmation	40	X	
X7-BA8-AA-SOCW011-0002	Confirmation	300	X	
X7-BA8-AA-SOCW002-0203	Confirmation	16		X
X7-BA8-BA-SOCW003-0002	Confirmation	220	X	
X7-BA8-BA-SOCW004-0203	Confirmation	24		X
X7-BA8-BB-SOCW005-0002	Confirmation	220	X	
X7-BA8-BB-SOCW006-0203	Confirmation	47		X
X7-BA8-CA-SOCW023-0002	Confirmation	390	X	
X7-BA8-CA-SOCW013-0203	Confirmation	140		X
X7-BA8-A-SOCF001	Confirmation	40		X
X7-BA8-B-SOCF002	Confirmation	48		X
X7-BA8-C-SOCF003	Confirmation	350		X
X7-BA9-AA-SOCW001-0002	Confirmation	200	X	
X7-BA9-AA-SOCW002-0203	Confirmation	31		X

TABLE 4-1

POST-IM SOIL LEAD CONCENTRATIONS IN OLD RIFLE RANGE SOIL  
(DRAINAGE AREA, 400-YARD BERM AREA, AND DIRT MOUND AREA)  
UXO 07 - INTERIM MEASURES REPORT  
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Soil Sample Name	Sample Collection Round	Lead Concentration (mg/kg)	Surface Soil 0 - 2 ft bgs	Subsurface Soil > 2 ft bgs
X7-BA9-BA-SOCW003-0002	Confirmation	160	X	
X7-BA9-BA-SOCW004-0203	Confirmation	32		X
X7-BA9-CA-SOCW005-0002	Confirmation	220	X	
X7-BA9-CA-SOCW006-0203	Confirmation	17		X
X7-BA9-DA-SOCW007-0002	Confirmation	170	X	
X7-BA9-DA-SOCW008-0203	Confirmation	35		X
X7-BA9-A-SOCF001	Confirmation	49		X
X7-BA10-AA-SOCW001-0002	Confirmation	150	X	
X7-BA10-BA-SOCW002-0002	Confirmation	220	X	
X7-BA10-CA-SOCW003-0002	Confirmation	97	X	
X7-BA10-DA-SOCW004-0002	Confirmation	160	X	
X7-BA10-A-SOCF001	Confirmation	57	X	
<b>Dirt Mound (DM ) Area of Northern Zone - Support Areas</b>				
X7-C-SA001	Confirmation	14	X	
X7-C-SA002	Confirmation	21	X	
X7-C-SA003	Confirmation	28	X	

Indicates lead concentration greater than 400 mg/kg

Indicates lead concentration between 192 and 400 mg/kg

Sample Round - RFI (sampling performed in 2007)

Sample Round - 1 (sampling performed in 2011)

Sample Round - 2 (sampling performed in 2012)

Sample Round - Confirmation (sampling performed in 2014)

TABLE 4-2

POST-INTERIM MEASURES PAH AND BaP EQUIVALENT CONCENTRATIONS IN SOIL  
WEST TRAP RANGE  
UXO 7 INTERIM MEASURES REPORT  
NSA CRANE, INDIANA  
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LOCATION	X7-SB116		X7-SB121		X7-SB123		X7-SB136	X7-SS200	X7-SB203	
	X7-SB116-0204	X7-SB116-0406	X7-SB121-0204	X7-SB121-0406	X7-SB123-0204	X7-SB123-0406	X7-SS136-0002	X7-SS200-0102	X7-SB203-0204	X7-SB203-0406
SAMPLE ID	20120907	20120907	20120907	20120907	20120907	20120907	20071006	20111110	20120907	20120907
SAMPLE DATE	20120907	20120907	20120907	20120907	20120907	20120907	20071006	20111110	20120907	20120907
SAMPLE CODE	NORMAL									
MATRIX	SO									
SAMPLE TYPE	NORMAL									
SUBMATRIX	SB	SB	SB	SB	SB	SB	SS	SS	SB	SB
TOP DEPTH	2	4	2	4	2	4	0	1	2	4
BOTTOM DEPTH	4	6	4	6	4	6	2	2	4	6

**POLYCYCLIC AROMATIC  
HYDROCARBONS (MG/KG)**

1-METHYLNAPHTHALENE	0.0036 U	0.00395 U	0.00364 U	0.00448 U	0.00418 U	0.00395 U	NA	0.00478 U	0.00444 U	0.00407 U
2-METHYLNAPHTHALENE	0.0036 U	0.00395 U	0.00364 U	0.00448 U	0.00418 U	0.00395 U	0.0017 U	0.00478 U	0.00444 U	0.00407 U
ACENAPHTHENE	0.0036 U	0.00395 U	0.00364 U	0.00448 U	0.00418 U	0.00395 U	0.0012 U	0.00478 U	0.00444 U	0.00407 U
ACENAPHTHYLENE	0.0036 U	0.00395 U	0.00364 U	0.00448 U	0.00418 U	0.00395 U	0.00068 U	0.00478 U	0.00444 U	0.00407 U
ANTHRACENE	0.00288 J	0.00395 U	0.00364 U	0.00448 U	0.00418 U	0.00395 U	0.0009 U	0.00478 U	0.00444 U	0.00407 U
BAP EQUIVALENT-HALFND	0.1334987	0.0050777	0.00364 U	0.00448 U	0.00418 U	0.00395 U	0.001 U	0.0254277	0.0057034	0.009628
BENZO(A)ANTHRACENE	0.0698	0.00395 U	0.00364 U	0.00448 U	0.00418 U	0.00395 U	0.00095 U	0.00938 J	0.00444 U	0.00691 J
BENZO(A)PYRENE	0.105	0.00237 J	0.00364 U	0.00448 U	0.00418 U	0.00395 U	0.001 U	0.0163	0.00266 J	0.00569 J
BENZO(B)FLUORANTHENE	0.132	0.00316 J	0.00364 U	0.00448 U	0.00418 U	0.00395 U	0.00095 U	0.0198	0.00355 J	0.00854
BENZO(G,H,I)PERYLENE	0.067	0.00395 U	0.00364 U	0.00448 U	0.00418 U	0.00395 U	0.001 U	0.0176	0.00444 U	0.00366 J
BENZO(K)FLUORANTHENE	0.0457	0.00395 U	0.00364 U	0.00448 U	0.00418 U	0.00395 U	0.00049 U	0.00776 J	0.00444 U	0.00285 J
CHRYSENE	0.0817	0.00395 U	0.00364 U	0.00448 U	0.00418 U	0.00395 U	0.0009 U	0.0121	0.00444 U	0.00447 J
DIBENZO(A,H)ANTHRACENE	0.0036 U	0.00395 U	0.00364 U	0.00448 U	0.00418 U	0.00395 U	0.0011 U	0.00454 J	0.00444 U	0.00407 U
FLUORANTHENE	0.0835	0.00276 J	0.00364 U	0.00448 U	0.00418 U	0.00395 U	0.0009 U	0.0155	0.00311 J	0.00488 J
FLUORENE	0.0036 U	0.00395 U	0.00364 U	0.00448 U	0.00418 U	0.00395 U	0.00069 U	0.00478 U	0.00444 U	0.00407 U
INDENO(1,2,3-CD)PYRENE	0.0598	0.00395 U	0.00364 U	0.00448 U	0.00418 U	0.00395 U	0.0013 U	0.0158	0.00444 U	0.00325 J
NAPHTHALENE	0.00216 U	0.00237 U	0.00219 U	0.00269 U	0.00251 U	0.00237 U	0.0012 U	0.00478 U	0.00266 U	0.00244 U
PHENANTHRENE	0.014	0.00395 U	0.00364 U	0.00448 U	0.00418 U	0.00395 U	0.0011 U	0.0073 J	0.00444 U	0.00407 U
PYRENE	0.081	0.00276 J	0.00364 U	0.00448 U	0.00418 U	0.00395 U	0.0032 J	0.0147	0.00266 J	0.00488 J

TABLE 4-2

POST-INTERIM MEASURES PAH AND BaP EQUIVALENT CONCENTRATIONS IN SOIL  
WEST TRAP RANGE  
UXO 7 INTERIM MEASURES REPORT  
NSA CRANE, INDIANA  
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LOCATION	X7-SS205-0102	X7-SS205	X7-SS205-0102-D	X7-SS207	X7-SS208	X7-SS210	X7-SS211	X7-SS212	X7-SS213	X7-SS214
SAMPLE ID	20111110	20111110	20111110	20111110	20111110	20111110	20111110	20111110	20111110	20111110
SAMPLE DATE	20111110	20111110	20111110	20111110	20111110	20111110	20111110	20111110	20111110	20111110
SAMPLE CODE	ORIG	AVG	DUP	NORMAL						
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
SAMPLE TYPE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SUBMATRIX	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS
TOP DEPTH	1	1	1	1	1	1	1	1	1	1
BOTTOM DEPTH	2	2	2	2	2	2	2	2	2	2

**POLYCYCLIC AROMATIC  
HYDROCARBONS (MG/KG)**

1-METHYLNAPHTHALENE	0.00398 U	0.00404 U	0.0041 U	0.00406 U	0.00405 U	0.00387 U	0.00417 U	0.00407 U	0.00401 U	0.00369 U
2-METHYLNAPHTHALENE	0.00398 U	0.00404 U	0.0041 U	0.00406 U	0.00405 U	0.00387 U	0.00417 U	0.00407 U	0.00401 U	0.00369 U
ACENAPHTHENE	0.00398 U	0.00404 U	0.0041 U	0.00406 U	0.00405 U	0.00387 U	0.00417 U	0.00407 U	0.00401 U	0.00369 U
ACENAPHTHYLENE	0.00398 U	0.00404 U	0.0041 U	0.00406 U	0.00405 U	0.00387 U	0.00417 U	0.00407 U	0.00401 U	0.00369 U
ANTHRACENE	0.00398 U	0.00404 U	0.0041 U	0.00406 U	0.00405 U	0.00387 U	0.00417 U	0.00407 U	0.00401 U	0.00369 U
BAP EQUIVALENT-HALFND	0.0054973	0.0037737	0.0041 U	0.0094546	0.0111296	0.0098719	0.0133225	0.00407 U	0.00401 U	0.00369 U
BENZO(A)ANTHRACENE	0.00398 U	0.00404 U	0.0041 U	0.00412 J	0.00555 J	0.00507 J	0.00672 J	0.00407 U	0.00401 U	0.00369 U
BENZO(A)PYRENE	0.00265 J	0.00265 J	0.0041 U	0.00585 J	0.00686 J	0.00591 J	0.00795 J	0.00407 U	0.00401 U	0.00369 U
BENZO(B)FLUORANTHENE	0.00349 J	0.00349 J	0.0041 U	0.00655 J	0.0092	0.00865	0.0102	0.00407 U	0.00401 U	0.00369 U
BENZO(G,H,I)PERYLENE	0.00256 J	0.00256 J	0.0041 U	0.0051 J	0.00668 J	0.00638 J	0.0075 J	0.00407 U	0.00401 U	0.00369 U
BENZO(K)FLUORANTHENE	0.00398 U	0.00404 U	0.0041 U	0.00276 J	0.00371 J	0.00357 J	0.00397 J	0.00407 U	0.00401 U	0.00369 U
CHRYSENE	0.00244 J	0.00244 J	0.0041 U	0.00502 J	0.00645 J	0.00615 J	0.00784 J	0.00407 U	0.00401 U	0.00369 U
DIBENZO(A,H)ANTHRACENE	0.00398 U	0.00404 U	0.0041 U	0.00406 U	0.00405 U	0.00387 U	0.00298 J	0.00407 U	0.00401 U	0.00369 U
FLUORANTHENE	0.00304 J	0.00304 J	0.0041 U	0.00692 J	0.00695 J	0.0059 J	0.00839	0.00407 U	0.00401 U	0.00369 U
FLUORENE	0.00398 U	0.00404 U	0.0041 U	0.00406 U	0.00405 U	0.00387 U	0.00417 U	0.00407 U	0.00401 U	0.00369 U
INDENO(1,2,3-CD)PYRENE	0.00287 J	0.00287 J	0.0041 U	0.00475 J	0.00726 J	0.00613 J	0.00653 J	0.00407 U	0.00401 U	0.00369 U
NAPHTHALENE	0.00398 U	0.00404 U	0.0041 U	0.00406 U	0.00405 U	0.00387 U	0.00417 U	0.00407 U	0.00401 U	0.00369 U
PHENANTHRENE	0.00211 J	0.00211 J	0.0041 U	0.00419 J	0.00273 J	0.00201 J	0.00341 J	0.00407 U	0.00401 U	0.00369 U
PYRENE	0.00289 J	0.00289 J	0.0041 U	0.00651 J	0.00661 J	0.00546 J	0.00807 J	0.00407 U	0.00401 U	0.00369 U

TABLE 4-2

POST-INTERIM MEASURES PAH AND BaP EQUIVALENT CONCENTRATIONS IN SOIL  
WEST TRAP RANGE  
UXO 7 INTERIM MEASURES REPORT  
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LOCATION	X7-SS215-0102	X7-SS215	X7-SS215-0102-D	X7-SS216	X7-SS217	X7-SS218	X7-SS219	X7-SS220	X7-SS221	X7-SS223
SAMPLE ID	20111110	20111110	20111110	20111110	20111110	20111110	20111110	20111110	20111110	20111110
SAMPLE DATE	20111110	20111110	20111110	20111110	20111110	20111110	20111110	20111110	20111110	20111110
SAMPLE CODE	ORIG	AVG	DUP	NORMAL						
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
SAMPLE TYPE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SUBMATRIX	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS
TOP DEPTH	1	1	1	1	1	1	1	1	1	1
BOTTOM DEPTH	2	2	2	2	2	2	2	2	2	2

**POLYCYCLIC AROMATIC  
HYDROCARBONS (MG/KG)**

1-METHYLNAPHTHALENE	0.00417 U	0.004185 U	0.0042 U	0.00404 U	0.00406 U	0.00398 U	0.00385 U	0.00384 U	0.00401 U	0.00393 U
2-METHYLNAPHTHALENE	0.00417 U	0.004185 U	0.0042 U	0.00404 U	0.00406 U	0.00398 U	0.00385 U	0.00384 U	0.00401 U	0.00393 U
ACENAPHTHENE	0.00417 U	0.004185 U	0.0042 U	0.00404 U	0.00406 U	0.00398 U	0.00385 U	0.00384 U	0.00401 U	0.00393 U
ACENAPHTHYLENE	0.00417 U	0.004185 U	0.0042 U	0.00404 U	0.00406 U	0.00398 U	0.00385 U	0.00384 U	0.00401 U	0.00393 U
ANTHRACENE	0.00417 U	0.004185 U	0.0042 U	0.00404 U	0.00208 J	0.00398 U	0.00385 U	0.00384 U	0.00401 U	0.00393 U
BAP EQUIVALENT-HALFND	0.00417 U	0.004185 U	0.0042 U	0.00404 U	0.0498275	0.009222	0.00385 U	0.0100045	0.00401 U	0.0062656
BENZO(A)ANTHRACENE	0.00417 U	0.004185 U	0.0042 U	0.00404 U	0.028	0.00428 J	0.00385 U	0.00384 U	0.00401 U	0.00393 U
BENZO(A)PYRENE	0.00417 U	0.004185 U	0.0042 U	0.00404 U	0.0324	0.00562 J	0.00385 U	0.00646 J	0.00401 U	0.00352 J
BENZO(B)FLUORANTHENE	0.00417 U	0.004185 U	0.0042 U	0.00404 U	0.0444	0.0064 J	0.00385 U	0.00869	0.00401 U	0.00366 J
BENZO(G,H,I)PERYLENE	0.00417 U	0.004185 U	0.0042 U	0.00404 U	0.0322	0.00572 J	0.00385 U	0.006 J	0.00401 U	0.00393 U
BENZO(K)FLUORANTHENE	0.00417 U	0.004185 U	0.0042 U	0.00404 U	0.0161	0.00314 J	0.00385 U	0.00346 J	0.00401 U	0.00393 U
CHRYSENE	0.00417 U	0.004185 U	0.0042 U	0.00404 U	0.0365	0.00558 J	0.00385 U	0.00384 U	0.00401 U	0.00393 U
DIBENZO(A,H)ANTHRACENE	0.00417 U	0.004185 U	0.0042 U	0.00404 U	0.00692 J	0.00398 U	0.00385 U	0.00384 U	0.00401 U	0.00393 U
FLUORANTHENE	0.00417 U	0.004185 U	0.0042 U	0.00404 U	0.0334	0.00604 J	0.00385 U	0.00587 J	0.00401 U	0.00326 J
FLUORENE	0.00417 U	0.004185 U	0.0042 U	0.00404 U	0.00406 U	0.00398 U	0.00385 U	0.00384 U	0.00401 U	0.00393 U
INDENO(1,2,3-CD)PYRENE	0.00417 U	0.004185 U	0.0042 U	0.00404 U	0.0307	0.00507 J	0.00385 U	0.00527 J	0.00401 U	0.00393 U
NAPHTHALENE	0.00417 U	0.004185 U	0.0042 U	0.00404 U	0.00406 U	0.00398 U	0.00385 U	0.00384 U	0.00401 U	0.00393 U
PHENANTHRENE	0.00417 U	0.004185 U	0.0042 U	0.00404 U	0.00921	0.00289 J	0.00385 U	0.00228 J	0.00401 U	0.00257 J
PYRENE	0.00417 U	0.004185 U	0.0042 U	0.00404 U	0.0336	0.00551 J	0.00385 U	0.00596 J	0.00401 U	0.00311 J

TABLE 4-2

POST-INTERIM MEASURES PAH AND BaP EQUIVALENT CONCENTRATIONS IN SOIL  
WEST TRAP RANGE  
UXO 7 INTERIM MEASURES REPORT  
NSA CRANE, INDIANA  
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LOCATION	X7-SB224	X7-SB225		X7-SS226	X7-SB227		X7-SS228	X7-SS229	X7-SS230	X7-SS232
SAMPLE ID	X7-SS224-0001	X7-SS225-0001	X7-SS225-0102	X7-SS226-0102	X7-SB227-0204	X7-SB227-0406	X7-SS228-0102	X7-SS229-0102	X7-SS230-0102	X7-SS232-0102
SAMPLE DATE	20111110	20111110	20111110	20111110	20120907	20120907	20111110	20111110	20111110	20111110
SAMPLE CODE	NORMAL									
MATRIX	SO									
SAMPLE TYPE	NORMAL									
SUBMATRIX	SS	SS	SS	SS	SB	SB	SS	SS	SS	SS
TOP DEPTH	0	0	1	1	2	4	1	1	1	1
BOTTOM DEPTH	1	1	2	2	4	6	2	2	2	2

**POLYCYCLIC AROMATIC  
HYDROCARBONS (MG/KG)**

1-METHYLNAPHTHALENE	0.00423 U	0.00369 U	0.00384 U	0.00393 U	0.00371 U	0.00402 U	0.00389 U	0.00405 U	0.00392 U	0.00384 U
2-METHYLNAPHTHALENE	0.00423 U	0.00369 U	0.00384 U	0.00393 U	0.00371 U	0.00402 U	0.00389 U	0.00405 U	0.00392 U	0.00384 U
ACENAPHTHENE	0.00423 U	0.00232 J	0.00384 U	0.00393 U	0.00371 U	0.00402 U	0.00389 U	0.00405 U	0.00392 U	0.00384 U
ACENAPHTHYLENE	0.00423 U	0.00369 U	0.00384 U	0.00393 U	0.00371 U	0.00402 U	0.00389 U	0.00405 U	0.00392 U	0.00384 U
ANTHRACENE	0.00423 U	0.00194 J	0.00384 U	0.00393 U	0.00371 U	0.00402 U	0.00389 U	0.00405 U	0.00392 U	0.00384 U
BAP EQUIVALENT-HALFND	0.0210992	0.0563147	0.0045518	0.00393 U	0.00371 U	0.00402 U	0.0129291	0.0087138	0.016124	0.0045421
BENZO(A)ANTHRACENE	0.0105	0.0273	0.00384 U	0.00393 U	0.00371 U	0.00402 U	0.00583 J	0.00394 J	0.00755 J	0.00193 J
BENZO(A)PYRENE	0.014	0.0423	0.00384 U	0.00393 U	0.00371 U	0.00402 U	0.00847	0.00513 J	0.0101	0.00384 U
BENZO(B)FLUORANTHENE	0.0216	0.0579	0.00295 J	0.00393 U	0.00371 U	0.00402 U	0.00992	0.00627 J	0.014	0.00276 J
BENZO(G,H,I)PERYLENE	0.0159	0.0377	0.00384 U	0.00393 U	0.00371 U	0.00402 U	0.00842	0.00525 J	0.0121	0.00235 J
BENZO(K)FLUORANTHENE	0.00699 J	0.0183	0.00229 J	0.00393 U	0.00371 U	0.00402 U	0.00325 J	0.00243 J	0.00502 J	0.00384 U
CHRYSENE	0.0143	0.0367	0.00384 U	0.00393 U	0.00371 U	0.00402 U	0.00759 J	0.00452 J	0.00883	0.00384 U
DIBENZO(A,H)ANTHRACENE	0.00423 U	0.00369 U	0.00384 U	0.00393 U	0.00371 U	0.00402 U	0.00211 J	0.00405 U	0.00275 J	0.00384 U
FLUORANTHENE	0.0184	0.0425	0.00218 J	0.00393 U	0.00371 U	0.00402 U	0.00827	0.00583 J	0.0101	0.00208 J
FLUORENE	0.00423 U	0.00369 U	0.00384 U	0.00393 U	0.00371 U	0.00402 U	0.00389 U	0.00405 U	0.00392 U	0.00384 U
INDENO(1,2,3-CD)PYRENE	0.0169	0.0343	0.002 J	0.00393 U	0.00371 U	0.00402 U	0.00734 J	0.00509 J	0.0106	0.00212 J
NAPHTHALENE	0.00423 U	0.00369 U	0.00384 U	0.00393 U	0.00222 U	0.00241 U	0.00389 U	0.00405 U	0.00392 U	0.00384 U
PHENANTHRENE	0.00895	0.0132	0.00203 J	0.00393 U	0.00371 U	0.00402 U	0.00348 J	0.00317 J	0.00402 J	0.00384 U
PYRENE	0.0172	0.0416	0.00225 J	0.00393 U	0.00371 U	0.00402 U	0.00776 J	0.0052 J	0.01	0.00197 J

TABLE 4-2

POST-INTERIM MEASURES PAH AND BaP EQUIVALENT CONCENTRATIONS IN SOIL  
WEST TRAP RANGE  
UXO 7 INTERIM MEASURES REPORT  
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LOCATION	X7-SS233	X7-SS234	X7-SB237	X7-SB238	X7-SB239	X7-SB240		X7-SB439		X7-SS442
SAMPLE ID	X7-SS233-0102	X7-SS234-0102	X7-SS237-0001	X7-SS238-0001	X7-SS239-0001	X7-SS240-0001	X7-SS240-0102	X7-SS439-0001	X7-SS439-0102	X7-SS442-0102
SAMPLE DATE	20111110	20111110	20111110	20111110	20111110	20111110	20111110	20120907	20120907	20121003
SAMPLE CODE	NORMAL	ORIG								
MATRIX	SO									
SAMPLE TYPE	NORMAL									
SUBMATRIX	SS									
TOP DEPTH	1	1	0	0	0	0	1	0	1	1
BOTTOM DEPTH	2	2	1	1	1	1	2	1	2	2

**POLYCYCLIC AROMATIC  
HYDROCARBONS (MG/KG)**

1-METHYLNAPHTHALENE	0.00384 U	0.00405 U	0.00438 U	0.00411 U	0.00434 U	0.00395 U	0.00381 U	0.00409 U	0.00386 U	0.00404 U
2-METHYLNAPHTHALENE	0.00384 U	0.00405 U	0.00438 U	0.00411 U	0.00434 U	0.00395 U	0.00381 U	0.00409 U	0.00386 U	0.00404 U
ACENAPHTHENE	0.00384 U	0.00405 U	0.00438 U	0.00411 U	0.00434 U	0.00251 J	0.00381 U	0.00409 U	0.00386 U	0.00404 U
ACENAPHTHYLENE	0.00384 U	0.00405 U	0.00438 U	0.00411 U	0.00434 U	0.00395 U	0.00381 U	0.00409 U	0.00386 U	0.00404 U
ANTHRACENE	0.00384 U	0.00405 U	0.00438 U	0.00411 U	0.00434 U	0.00386 J	0.00381 U	0.00409 U	0.00386 U	0.00404 U
BAP EQUIVALENT-HALFND	0.00384 U	0.0285492	0.0082031	0.0163305	0.0144026	0.0725538	0.0061177	0.00409 U	0.00386 U	0.00404 U
BENZO(A)ANTHRACENE	0.00384 U	0.0152	0.00438 U	0.00747 J	0.00671 J	0.0379	0.00221 J	0.00409 U	0.00386 U	0.00404 U
BENZO(A)PYRENE	0.00384 U	0.0203	0.00467 J	0.0112	0.00939	0.0486	0.00323 J	0.00409 U	0.00386 U	0.00404 U
BENZO(B)FLUORANTHENE	0.00384 U	0.0256	0.00644 J	0.0134	0.0123	0.0621	0.00427 J	0.00409 U	0.00386 U	0.00404 U
BENZO(G,H,I)PERYLENE	0.00384 U	0.0224	0.00526 J	0.0105	0.0091	0.0492	0.00381 U	0.00409 U	0.00386 U	0.00404 U
BENZO(K)FLUORANTHENE	0.00384 U	0.00955	0.00438 U	0.00565 J	0.00518 J	0.0248	0.00381 U	0.00409 U	0.00386 U	0.00404 U
CHRYSENE	0.00384 U	0.0187	0.00438 U	0.00897	0.00878	0.0458	0.00267 J	0.00409 U	0.00386 U	0.00404 U
DIBENZO(A,H)ANTHRACENE	0.00384 U	0.00405 U	0.00438 U	0.00411 U	0.00434 U	0.00907	0.00381 U	0.00409 U	0.00386 U	0.00404 U
FLUORANTHENE	0.00384 U	0.0258	0.00588 J	0.0128	0.0102	0.0597	0.00342 J	0.00409 U	0.00386 U	0.00404 U
FLUORENE	0.00384 U	0.00405 U	0.00438 U	0.00411 U	0.00434 U	0.00395 U	0.00381 U	0.00409 U	0.00386 U	0.00404 U
INDENO(1,2,3-CD)PYRENE	0.00384 U	0.0203	0.00456 J	0.00923	0.00881	0.0459	0.00313 J	0.00409 U	0.00386 U	0.00404 U
NAPHTHALENE	0.00384 U	0.00405 U	0.00438 U	0.00411 U	0.00434 U	0.00395 U	0.00381 U	0.00245 U	0.00232 U	0.00242 U
PHENANTHRENE	0.00384 U	0.0103	0.00381 J	0.00597 J	0.00536 J	0.0233	0.00208 J	0.00409 U	0.00386 U	0.00404 U
PYRENE	0.00384 U	0.0231	0.00465 J	0.0127	0.00944	0.058	0.0033 J	0.00409 U	0.00386 U	0.00404 U

TABLE 4-2

POST-INTERIM MEASURES PAH AND BaP EQUIVALENT CONCENTRATIONS IN SOIL  
WEST TRAP RANGE  
UXO 7 INTERIM MEASURES REPORT  
NSA CRANE, INDIANA  
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LOCATION	X7-SS443-0102	X7-SB446		X7-SS447	X7-SS448	X7-SB449		X7-SB451	
SAMPLE ID	X7-SS443-0102	X7-SB446-0204	X7-SB446-0406	X7-SS447-0102	X7-SS448-0102	X7-SS449-0001	X7-SS449-0102	X7-SS451-0001	X7-SS451-0102
SAMPLE DATE	20121003	20120907	20120907	20120907	20120907	20120907	20120907	20120906	20120906
SAMPLE CODE	NORMAL								
MATRIX	SO								
SAMPLE TYPE	NORMAL								
SUBMATRIX	SS	SB	SB	SS	SS	SS	SS	SS	SS
TOP DEPTH	1	2	4	1	1	0	1	0	1
BOTTOM DEPTH	2	4	6	2	2	1	2	1	2

**POLYCYCLIC AROMATIC  
HYDROCARBONS (MG/KG)**

1-METHYLNAPHTHALENE	0.0041 U	0.00404 U	0.00384 U	0.00379 U	0.00385 U	0.00417 U	0.00382 U	0.00414 U	0.00357 U
2-METHYLNAPHTHALENE	0.0041 U	0.00404 U	0.00384 U	0.00379 U	0.00385 U	0.00417 U	0.00382 U	0.00414 U	0.00357 U
ACENAPHTHENE	0.0041 U	0.00404 U	0.00384 U	0.00379 U	0.00385 U	0.00417 U	0.00382 U	0.00414 U	0.00357 U
ACENAPHTHYLENE	0.0041 U	0.00404 U	0.00384 U	0.00379 U	0.00385 U	0.00417 U	0.00382 U	0.00414 U	0.00357 U
ANTHRACENE	0.0041 U	0.00404 U	0.00384 U	0.00379 U	0.00385 U	0.00417 U	0.00382 U	0.00414 U	0.00357 U
BAP EQUIVALENT-HALFND	0.0041 U	0.0093667	0.0044371	0.0064737	0.00385 U	0.0461529	0.00382 U	0.0154835	0.00357 U
BENZO(A)ANTHRACENE	0.0041 U	0.00646 J	0.00384 U	0.00569 J	0.00385 U	0.0246	0.00382 U	0.0103	0.00357 U
BENZO(A)PYRENE	0.0041 U	0.00485 J	0.00384 U	0.00342 J	0.00385 U	0.0346	0.00382 U	0.0103	0.00357 U
BENZO(B)FLUORANTHENE	0.0041 U	0.00525 J	0.00384 U	0.00379 J	0.00385 U	0.0458	0.00382 U	0.0141	0.00357 U
BENZO(G,H,I)PERYLENE	0.0041 U	0.00525 U	0.00384 U	0.00228 J	0.00385 U	0.0263	0.00382 U	0.00703 J	0.00357 U
BENZO(K)FLUORANTHENE	0.0041 U	0.00283 J	0.00384 U	0.00379 U	0.00385 U	0.015	0.00382 U	0.00455 J	0.00357 U
CHRYSENE	0.0041 U	0.00242 J	0.00384 U	0.00228 J	0.00385 U	0.0279	0.00382 U	0.00703 J	0.00357 U
DIBENZO(A,H)ANTHRACENE	0.0041 U	0.00283 J	0.00192 J	0.00379 U	0.00385 U	0.00417 U	0.00382 U	0.00414 U	0.00357 U
FLUORANTHENE	0.0041 U	0.00283 J	0.00384 U	0.00455 J	0.00385 U	0.0325	0.00382 U	0.00952	0.00357 U
FLUORENE	0.0041 U	0.00404 U	0.00384 U	0.00379 U	0.00385 U	0.00417 U	0.00382 U	0.00414 U	0.00357 U
INDENO(1,2,3-CD)PYRENE	0.0041 U	0.00485 J	0.00384 U	0.00379 U	0.00385 U	0.0225	0.00382 U	0.00621 J	0.00357 U
NAPHTHALENE	0.00246 U	0.00525 J	0.00346 J	0.00228 U	0.00231 U	0.0025 U	0.00229 U	0.00248 U	0.00214 U
PHENANTHRENE	0.0041 U	0.00404 U	0.00384 U	0.00228 J	0.00385 U	0.00917	0.00382 U	0.00248 J	0.00357 U
PYRENE	0.0041 U	0.00242 J	0.00384 U	0.00342 J	0.00385 U	0.03	0.00382 U	0.00869	0.00357 U

TABLE 4-2

POST-INTERIM MEASURES PAH AND BaP EQUIVALENT CONCENTRATIONS IN SOIL  
WEST TRAP RANGE  
UXO 7 INTERIM MEASURES REPORT  
NSA CRANE, INDIANA  
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LOCATION	X7-SB453		X7-SB455		X7-SB457		X7-SB459		X7-SB460	
	X7-SS453-0001	X7-SS453-0102	X7-SS455-0001	X7-SS455-0102	X7-SS457-0001	X7-SS457-0102	X7-SS459-0001	X7-SS459-0102	X7-SS460-0001	X7-SS460-0102
SAMPLE ID	20120906	20120906	20120906	20120906	20120906	20120907	20120907	20120907	20120907	20120907
SAMPLE DATE	20120906	20120906	20120906	20120906	20120906	20120907	20120907	20120907	20120907	20120907
SAMPLE CODE	NORMAL									
MATRIX	SO									
SAMPLE TYPE	NORMAL									
SUBMATRIX	SS									
TOP DEPTH	0	1	0	1	0	1	0	1	0	1
BOTTOM DEPTH	1	2	1	2	1	2	1	2	1	2

**POLYCYCLIC AROMATIC  
HYDROCARBONS (MG/KG)**

1-METHYLNAPHTHALENE	0.00401 U	0.0036 U	0.0041 U	0.00357 U	0.00385 U	0.00359 U	0.00422 U	0.00424 U	0.00401 U	0.00376 U
2-METHYLNAPHTHALENE	0.00401 U	0.0036 U	0.0041 U	0.00357 U	0.00385 U	0.00359 U	0.00422 U	0.00424 U	0.00401 U	0.00376 U
ACENAPHTHENE	0.00401 UJ	0.0036 U	0.0041 U	0.00357 U	0.00385 U	0.00359 U	0.00422 U	0.00424 U	0.00281 J	0.00376 U
ACENAPHTHYLENE	0.00401 UJ	0.0036 U	0.0041 U	0.00357 U	0.00385 U	0.00359 U	0.00422 U	0.00424 U	0.00401 U	0.00376 U
ANTHRACENE	0.00401 U	0.0036 U	0.0041 U	0.00357 U	0.00385 U	0.00359 U	0.00422 U	0.00424 U	0.00361 J	0.00376 U
BAP EQUIVALENT-HALFND	0.0178691	0.0041605	0.0195188	0.00357 U	0.0381879	0.00359 U	0.00422 U	0.00424 U	0.1111857	0.00376 U
BENZO(A)ANTHRACENE	0.0112	0.0036 U	0.0123	0.00357 U	0.02	0.00359 U	0.00422 U	0.00424 U	0.0689	0.00376 U
BENZO(A)PYRENE	0.0124	0.0036 U	0.0135	0.00357 U	0.0285	0.00359 U	0.00422 U	0.00424 U	0.0834	0.00376 U
BENZO(B)FLUORANTHENE	0.016	0.0036 U	0.0181	0.00357 U	0.0369	0.00359 U	0.00422 U	0.00424 U	0.136	0.00376 U
BENZO(G,H,I)PERYLENE	0.00802	0.0036 U	0.0103	0.00357 U	0.0235	0.00359 U	0.00422 U	0.00424 U	0.0621	0.00376 U
BENZO(K)FLUORANTHENE	0.00521 J	0.0036 U	0.00574 J	0.00357 U	0.0131	0.00359 U	0.00422 U	0.00424 U	0.0373	0.00376 U
CHRYSENE	0.01	0.00252 J	0.00944	0.00357 U	0.0219	0.00359 U	0.00422 U	0.00424 U	0.0677	0.00376 U
DIBENZO(A,H)ANTHRACENE	0.00401 U	0.0036 U	0.0041 U	0.00357 U	0.00385 U	0.00359 U	0.00422 U	0.00424 U	0.00401 U	0.00376 U
FLUORANTHENE	0.0128	0.0036 U	0.0127	0.00357 U	0.0215	0.00359 U	0.00422 U	0.00424 U	0.0846	0.00376 U
FLUORENE	0.00401 UJ	0.0036 U	0.0041 U	0.00357 U	0.00385 U	0.00359 U	0.00422 U	0.00424 U	0.00401 U	0.00376 U
INDENO(1,2,3-CD)PYRENE	0.00682 J	0.0036 U	0.00862	0.00357 U	0.0192	0.00359 U	0.00422 U	0.00424 U	0.0485	0.00376 U
NAPHTHALENE	0.00241 UJ	0.00216 U	0.00246 U	0.00214 U	0.00231 U	0.00215 U	0.00253 U	0.00254 U	0.00281 J	0.00226 U
PHENANTHRENE	0.00361 J	0.0036 U	0.0041 J	0.00357 U	0.00577 J	0.00359 U	0.00422 U	0.00424 U	0.0277	0.00376 U
PYRENE	0.01	0.0036 U	0.0115	0.00357 U	0.0238	0.00359 U	0.00422 U	0.00424 U	0.0798	0.00376 U

TABLE 4-2

**POST-INTERIM MEASURES PAH AND BaP EQUIVALENT CONCENTRATIONS IN SOIL  
WEST TRAP RANGE  
UXO 7 INTERIM MEASURES REPORT  
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LOCATION	X7-SB462		X7-SB463		X7-SB464		X7-SS465-0102 20120907 NORMAL SO NORMAL SS 1 2
	X7-SB462-0204 20120907 NORMAL SO NORMAL SB 2 4	X7-SB462-0406 20120907 NORMAL SO NORMAL SB 4 6	X7-SB463-0204 20120907 NORMAL SO NORMAL SB 2 4	X7-SB463-0406 20120907 NORMAL SO NORMAL SB 4 6	X7-SB464-0204 20120907 NORMAL SO NORMAL SB 2 4	X7-SB464-0406 20120907 NORMAL SO NORMAL SB 4 6	
<b>POLYCYCLIC AROMATIC HYDROCARBONS (MG/KG)</b>							
1-METHYLNAPHTHALENE	0.00427 U	0.00412 U	0.00398 U	0.00394 U	0.00386 U	0.00399 U	0.00367 U
2-METHYLNAPHTHALENE	0.00427 U	0.00412 U	0.00398 U	0.00394 U	0.00386 U	0.00399 U	0.00367 U
ACENAPHTHENE	0.00427 U	0.00412 U	0.00398 U	0.00394 U	0.00386 U	0.00399 U	0.00367 U
ACENAPHTHYLENE	0.00427 U	0.00412 U	0.00398 U	0.00394 U	0.00386 U	0.00399 U	0.00367 U
ANTHRACENE	0.00427 U	0.00412 U	0.00398 U	0.00394 U	0.00386 U	0.00399 U	0.00367 U
BAP EQUIVALENT-HALFND	0.00427 U	0.00412 U	0.00398 U	0.00394 U	0.00386 U	0.0127879	0.00367 U
BENZO(A)ANTHRACENE	0.00427 U	0.00412 U	0.00398 U	0.00394 U	0.00386 U	0.00998	0.00367 U
BENZO(A)PYRENE	0.00427 U	0.00412 U	0.00398 U	0.00394 U	0.00386 U	0.00799	0.00367 U
BENZO(B)FLUORANTHENE	0.00427 U	0.00412 U	0.00398 U	0.00394 U	0.00386 U	0.0112	0.00367 U
BENZO(G,H,I)PERYLENE	0.00427 U	0.00412 U	0.00398 U	0.00394 U	0.00386 U	0.00759 U	0.00367 U
BENZO(K)FLUORANTHENE	0.00427 U	0.00412 U	0.00398 U	0.00394 U	0.00386 U	0.00399 J	0.00367 U
CHRYSENE	0.00427 U	0.00412 U	0.00398 U	0.00394 U	0.00386 U	0.00599 J	0.00367 U
DIBENZO(A,H)ANTHRACENE	0.00427 U	0.00412 U	0.00398 U	0.00394 U	0.00386 U	0.00399 U	0.00367 U
FLUORANTHENE	0.00427 U	0.00412 U	0.00398 U	0.00394 U	0.00386 U	0.00679 J	0.00367 U
FLUORENE	0.00427 U	0.00412 U	0.00398 U	0.00394 U	0.00386 U	0.00399 U	0.00367 U
INDENO(1,2,3-CD)PYRENE	0.00427 U	0.00412 U	0.00398 U	0.00394 U	0.00386 U	0.00639 J	0.00367 U
NAPHTHALENE	0.00341 J	0.00329 J	0.00358 J	0.00237 J	0.00231 J	0.00319 J	0.0022 U
PHENANTHRENE	0.00427 U	0.00412 U	0.00398 U	0.00394 U	0.00386 U	0.00399 U	0.00367 U
PYRENE	0.00427 U	0.00412 U	0.00398 U	0.00394 U	0.00386 U	0.00599 J	0.00367 U

TABLE 4-2

POST-INTERIM MEASURES PAH AND BaP EQUIVALENT CONCENTRATIONS IN SOIL  
WEST TRAP RANGE  
UXO 7 INTERIM MEASURES REPORT  
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LOCATION	X7-SB466									
SAMPLE ID	X7-SS466-0001	X7-SS466-0102	X7-SS466-0102-AVG	X7-SS466-0102-D	X7-SS469	X7-SS470	X7-SS471	X7-SB472		X7-WTR1-AA-
SAMPLE DATE	20120907	20120907	20120907	20120907	X7-SS469-0102	X7-SS470-0102	X7-SS471-0102	X7-SS472-0001	X7-SS472-0102	X7-WTR1-AA-
SAMPLE CODE	NORMAL	ORIG	AVG	DUP	20121003	20121003	20120907	20121003	20121003	20140317
MATRIX	SO	SO	SO	SO	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE TYPE	NORMAL	NORMAL	NORMAL	NORMAL	SO	SO	SO	SO	SO	SO
SUBMATRIX	SS	SS	SS	SS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
TOP DEPTH	0	1	1	1	1	1	1	0	1	0
BOTTOM DEPTH	1	2	2	2	2	2	2	1	2	1

**POLYCYCLIC AROMATIC  
HYDROCARBONS (MG/KG)**

1-METHYLNAPHTHALENE	0.00398 U	0.00361 U	0.00372 U	0.00383 U	0.00382 U	0.00387 U	0.00359 U	0.0037 U	0.00381 U	NA
2-METHYLNAPHTHALENE	0.00398 U	0.00361 U	0.00372 U	0.00383 U	0.00382 U	0.00387 U	0.00359 U	0.0037 U	0.00381 U	0.0042 U
ACENAPHTHENE	0.00239 J	0.00361 U	0.00372 U	0.00383 U	0.00382 U	0.00387 U	0.00359 U	0.0037 U	0.00381 U	0.0042 U
ACENAPHTHYLENE	0.00398 U	0.00361 U	0.00372 U	0.00383 U	0.00382 U	0.00387 U	0.00359 U	0.0037 U	0.00381 U	0.0042 U
ANTHRACENE	0.00279 J	0.00361 U	0.00268 J	0.00268 J	0.00382 U	0.00232 J	0.00359 U	0.0037 U	0.00381 U	0.0042 U
BAP EQUIVALENT-HALFND	0.1249841	0.00361 U	0.0570881	0.1123711	0.00382 U	0.0440604	0.00359 U	0.0037 U	0.00381 U	0.006085
BENZO(A)ANTHRACENE	0.0586	0.00361 UJ	0.0308025	0.0598 J	0.00382 U	0.0255	0.00359 U	0.0037 U	0.00381 U	0.0042 U
BENZO(A)PYRENE	0.0964	0.00361 UJ	0.0442025	0.0866 J	0.00382 U	0.0332	0.00359 U	0.0037 U	0.00381 U	0.0031 J
BENZO(B)FLUORANTHENE	0.141	0.00361 UJ	0.0619025	0.122 J	0.00382 U	0.0441	0.00359 U	0.0037 U	0.00381 U	0.0045 J
BENZO(G,H,I)PERYLENE	0.0777	0.00361 UJ	0.0334525	0.0651 J	0.00382 U	0.022	0.00359 U	0.0037 U	0.00381 U	0.0042 U
BENZO(K)FLUORANTHENE	0.0382	0.00361 UJ	0.0204525	0.0391 J	0.00382 U	0.0158	0.00359 U	0.0037 U	0.00381 U	0.0026 U
CHRYSENE	0.0821	0.00361 UJ	0.0384525	0.0751 J	0.00382 U	0.0274	0.00359 U	0.0037 U	0.00381 U	0.0042 U
DIBENZO(A,H)ANTHRACENE	0.00398 U	0.00361 U	0.00372 U	0.00383 U	0.00382 U	0.00387 U	0.00359 U	0.0037 U	0.00381 U	0.0042 U
FLUORANTHENE	0.0852	0.00361 UJ	0.0365525	0.0713 J	0.00382 U	0.0383	0.00359 U	0.0037 U	0.00381 U	0.0042 U
FLUORENE	0.00398 U	0.00361 U	0.00372 U	0.00383 U	0.00382 U	0.00387 U	0.00359 U	0.0037 U	0.00381 U	0.0042 U
INDENO(1,2,3-CD)PYRENE	0.0617	0.00361 UJ	0.0269525	0.0521 J	0.00382 U	0.0178	0.00359 U	0.0037 U	0.00381 U	0.0042 U
NAPHTHALENE	0.00239 J	0.00217 U	0.002235 U	0.0023 U	0.00229 U	0.00232 U	0.00215 U	0.00222 U	0.00228 U	0.0042 U
PHENANTHRENE	0.0251	0.00361 U	0.0087525	0.0157	0.00382 U	0.0155	0.00359 U	0.0037 U	0.00381 U	0.0031 U
PYRENE	0.0821	0.00361 UJ	0.0356025	0.0694 J	0.00382 U	0.0336	0.00359 U	0.0037 U	0.00381 U	0.0042 U

TABLE 4-2

POST-INTERIM MEASURES PAH AND BaP EQUIVALENT CONCENTRATIONS IN SOIL  
WEST TRAP RANGE  
UXO 7 INTERIM MEASURES REPORT  
NSA CRANE, INDIANA  
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LOCATION	X7-WTR1-A-SOCF	X7-WTR1-BA- X7-WTR1-BA-	X7-WTR1-BB- X7-WTR1-BB-	X7-WTR1-B-SOCF	X7-WTR1-CA- X7-WTR1-CA-	X7-WTR1-CB-SOCW		X7-WTR1-CC- X7-WTR1-CC-	X7-WTR1-C-SOCF	X7-WTR1-DA- X7-WTR1-DA-
SAMPLE ID	X7-WTR1-A- 20140317	X7-WTR1-BA- 20140317	X7-WTR1-BB- 20140317	X7-WTR1-B- 20140317	X7-WTR1-CA- 20140317	X7-WTR1-CB- 20140317	X7-WTR1-CB- 20140317	X7-WTR1-CC- 20140317	X7-WTR1-C- 20140317	X7-WTR1-DA- 20140317
SAMPLE DATE										
SAMPLE CODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	DUP	NORMAL	NORMAL	NORMAL
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
SAMPLE TYPE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SUBMATRIX	NA	SS	SS	NA	SS	SS	SS	SS	NA	SS
TOP DEPTH	-9999	0	0	-9999	0	0	0	0	-9999	0
BOTTOM DEPTH	-9999	1	1	-9999	1	1	1	1	-9999	1

**POLYCYCLIC AROMATIC  
HYDROCARBONS (MG/KG)**

	NA									
1-METHYLNAPHTHALENE	NA									
2-METHYLNAPHTHALENE	0.0039 U	0.0043 U	0.0039 U	0.0042 U	0.004 U	0.004 U	0.004 U	0.004 U	0.0042 U	0.0041 U
ACENAPHTHENE	0.0039 U	0.0043 U	0.0039 U	0.0048 J	0.004 U	0.0045 J	0.004 U	0.0044 J	0.0042 U	0.0076 J
ACENAPHTHYLENE	0.0039 U	0.0043 U	0.0039 U	0.0042 U	0.004 U	0.004 U	0.004 U	0.004 U	0.0042 U	0.0041 U
ANTHRACENE	0.0039 U	0.0072 J	0.0039 U	0.0059 J	0.004 U	0.0067 J	0.0056 J	0.006 J	0.0042 U	0.009
BAP EQUIVALENT-HALFND	0.011613	0.012425	0.031515	0.147133	0.014728	0.19395	0.21142	0.160888	0.006275	0.23606
BENZO(A)ANTHRACENE	0.0053 J	0.0065 J	0.016	0.064	0.0084	0.081	0.11	0.079	0.0042 U	0.12
BENZO(A)PYRENE	0.0076 J	0.0079 J	0.021	0.099	0.0098	0.13	0.15	0.11	0.0033 J	0.16
BENZO(B)FLUORANTHENE	0.0094	0.012	0.03	0.13	0.015	0.19	0.16	0.14	0.0044 J	0.23
BENZO(G,H,I)PERYLENE	0.0069 J	0.0061 J	0.016	0.074	0.0071 J	0.097	0.08	0.079	0.0042 U	0.11
BENZO(K)FLUORANTHENE	0.0036 J	0.0054 J	0.0096	0.034	0.0048 J	0.062	0.069	0.07	0.0025 U	0.082
CHRYSENE	0.0072 J	0.011	0.019	0.093	0.0096	0.13	0.13	0.088	0.0042 U	0.14
DIBENZO(A,H)ANTHRACENE	0.0039 U	0.0043 U	0.0046 J	0.022	0.004 U	0.029	0.026	0.023	0.0042 U	0.033
FLUORANTHENE	0.0079 J	0.0092	0.021	0.091	0.011	0.11	0.12	0.097	0.0042 U	0.15
FLUORENE	0.0039 U	0.0043 U	0.0039 U	0.0042 U	0.004 U	0.004 U	0.004 U	0.004 U	0.0042 U	0.0041 U
INDENO(1,2,3-CD)PYRENE	0.0055 J	0.0046 J	0.012	0.063	0.0053 J	0.071	0.076	0.052	0.0042 U	0.071
NAPHTHALENE	0.0039 U	0.0043 U	0.0039 U	0.0042 U	0.004 U	0.004 U	0.004 U	0.004 U	0.0042 U	0.0041 U
PHENANTHRENE	0.0028 U	0.0031 U	0.013	0.029	0.0051 J	0.034	0.026	0.038	0.003 U	0.056
PYRENE	0.006 J	0.0099	0.023	0.069	0.012	0.12	0.13	0.12	0.0042 U	0.18

TABLE 4-2

POST-INTERIM MEASURES PAH AND BaP EQUIVALENT CONCENTRATIONS IN SOIL  
WEST TRAP RANGE  
UXO 7 INTERIM MEASURES REPORT  
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LOCATION	X7-WTR1-DB-SOCW		X7-WTR1-D-SOCF	X7-WTR1-EA-		X7-WTR1-EB-SOCW		X7-WTR1-E-SOCF	X7-WTR1-FA-	X7-WTR1-F-SOCF	X7-WTR1-GA-	X7-WTR1-G-SOCF
SAMPLE ID	X7-WTR1-DB-	X7-WTR1-DB-	X7-WTR1-D-	X7-WTR1-EA-	X7-WTR1-EB-	X7-WTR1-EB-	X7-WTR1-E-	X7-WTR1-FA-	X7-WTR1-F-	X7-WTR1-GA-	X7-WTR1-G-	
SAMPLE DATE	20140317	20140317	20140317	20140325	20140317	20140317	20140317	20140317	20140317	20140317	20140325	20140317
SAMPLE CODE	ORIG	DUP	NORMAL	NORMAL	ORIG	DUP	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
SAMPLE TYPE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SUBMATRIX	SS	SS	NA	SS	SS	SS	NA	SS	NA	SS	SS	NA
TOP DEPTH	0	0	-9999	0	0	0	-9999	0	-9999	0	0	-9999
BOTTOM DEPTH	1	1	-9999	1	1	1	-9999	1	-9999	1	1	-9999

**POLYCYCLIC AROMATIC****HYDROCARBONS (MG/KG)**

	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-METHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-METHYLNAPHTHALENE	0.004 U	0.004 U	0.004 U	0.041 U	0.0038 U	0.0038 U	0.004 U	0.0037 U	0.0039 J	0.0041 U	0.004 U	0.004 U
ACENAPHTHENE	0.004 U	0.0095	0.004 U	0.041 U	0.0038 U	0.0038 U	0.004 U	0.0057 J	0.0062 J	0.007 J	0.004 U	0.004 U
ACENAPHTHYLENE	0.004 U	0.004 U	0.004 U	0.041 U	0.0038 U	0.0038 U	0.004 U	0.0037 U	0.0039 U	0.0041 U	0.004 U	0.004 U
ANTHRACENE	0.0049 J	0.014	0.004 U	0.041 U	0.0038 U	0.0038 U	0.004 U	0.0078	0.0039 U	0.0086	0.004 U	0.004 U
BAP EQUIVALENT-HALFND	0.146649	0.46079	0.01084	0.77433	0.079926	0.051038	0.014784	0.26712	0.016181	0.28277	0.033559	0.033559
BENZO(A)ANTHRACENE	0.066 J	0.21 J	0.0048 J	0.36	0.038	0.028	0.0071 J	0.11	0.0087	0.14	0.016	0.016
BENZO(A)PYRENE	0.1 J	0.33 J	0.007 J	0.45	0.055	0.039	0.01	0.18	0.011	0.19	0.023	0.023
BENZO(B)FLUORANTHENE	0.11 J	0.39 J	0.0088	0.67	0.067	0.046	0.013	0.22	0.016	0.26	0.03	0.03
BENZO(G,H,I)PERYLENE	0.079 J	0.18 J	0.0057 J	0.3	0.04	0.025	0.0086	0.13	0.0091	0.12	0.016	0.016
BENZO(K)FLUORANTHENE	0.056 J	0.15 J	0.0043 J	0.19	0.038 J	0.02 J	0.0084	0.096	0.0058 J	0.1	0.014	0.014
CHRYSENE	0.089 J	0.29 J	0.0069 J	0.43	0.046	0.038	0.01	0.16	0.013	0.17	0.019	0.019
DIBENZO(A,H)ANTHRACENE	0.021 J	0.052 J	0.004 U	0.2	0.011	0.0038 U	0.004 U	0.041	0.0039 U	0.045	0.0047 J	0.0047 J
FLUORANTHENE	0.11 J	0.32 J	0.0067 J	0.55	0.054	0.038	0.01	0.17	0.018	0.18	0.017	0.017
FLUORENE	0.004 U	0.0051 J	0.004 U	0.041 U	0.0038 U	0.0038 U	0.004 U	0.0037 U	0.0039 U	0.0041 U	0.004 U	0.004 U
INDENO(1,2,3-CD)PYRENE	0.074 J	0.17 J	0.0043 J	0.19	0.03	0.025	0.0068 J	0.12	0.0069 J	0.066	0.011	0.011
NAPHTHALENE	0.004 U	0.0045 J	0.004 U	0.041 U	0.0038 U	0.0038 U	0.004 U	0.0037 U	0.0039 U	0.0041 U	0.004 U	0.004 U
PHENANTHRENE	0.03 J	0.085 J	0.0029 U	0.18	0.016	0.012	0.0035 J	0.046	0.0044 J	0.05	0.0058 J	0.0058 J
PYRENE	0.075 J	0.33 J	0.0052 J	0.44	0.038	0.042	0.0076 J	0.12	0.016	0.21	0.023	0.023

TABLE 4-2

POST-INTERIM MEASURES PAH AND BaP EQUIVALENT CONCENTRATIONS IN SOIL  
WEST TRAP RANGE  
UXO 7 INTERIM MEASURES REPORT  
NSA CRANE, INDIANA  
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LOCATION	X7-WTR1-HA-	X7-WTR1-HB-	X7-WTR1-H-SOCF	X7-WTR1-I-SOCF	X7-WTR2-AA-	X7-WTR2-AB-	X7-WTR2-A-SOCF	X7-WTR2-BA-	X7-WTR2-CA-	X7-WTR2-DA-	X7-WTR3-AA-
SAMPLE ID	X7-WTR1-HA-	X7-WTR1-HB-	X7-WTR1-H-	X7-WTR1-I-	X7-WTR2-AA-	X7-WTR2-AB-	X7-WTR2-A-	X7-WTR2-BA-	X7-WTR2-CA-	X7-WTR2-DA-	X7-WTR3-AA-
SAMPLE DATE	20140401	20140401	20140317	20140317	20140317	20140317	20140317	20140317	20140317	20140317	20140317
SAMPLE CODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
SAMPLE TYPE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SUBMATRIX	SS	SS	NA	NA	SS	SS	NA	SS	SS	SS	SS
TOP DEPTH	0	0	-9999	-9999	0	0	-9999	0	1	1	1
BOTTOM DEPTH	1	1	-9999	-9999	2	2	-9999	2	2	2	2

**POLYCYCLIC AROMATIC  
HYDROCARBONS (MG/KG)**

	NA	NA	NA	NA							
1-METHYLNAPHTHALENE	NA	NA	NA	NA							
2-METHYLNAPHTHALENE	0.013	0.0042 U	0.004 U	0.004 U	0.004 U	0.0039 U	0.0039 U	0.004 U	0.004 U	0.004 U	0.0042 U
ACENAPHTHENE	0.017	0.0042 U	0.004 U	0.004 U	0.0042 J	0.0039 U	0.0039 U	0.0067 J	0.004 U	0.004 U	0.013
ACENAPHTHYLENE	0.0094	0.0042 U	0.004 U	0.004 U	0.004 U	0.0039 U	0.0039 U	0.004 U	0.004 U	0.004 U	0.0042 U
ANTHRACENE	0.024	0.0045 J	0.004 U	0.004 U	0.0046 J	0.0039 U	0.0039 U	0.004 U	0.004 U	0.004 U	0.0078 J
BAP EQUIVALENT-HALFND	0.082593	0.007038	0.045077	0.066889	0.19079	0.086907	0.0039 U	0.006792	0.004 U	0.015565	0.25718
BENZO(A)ANTHRACENE	0.052	0.0042 U	0.022	0.032	0.084	0.044	0.0039 U	0.004 U	0.004 U	0.0064 J	0.13
BENZO(A)PYRENE	0.042	0.0038 J	0.03	0.045	0.13	0.062	0.0039 U	0.0038 J	0.004 U	0.009	0.18
BENZO(B)FLUORANTHENE	0.086	0.007 J	0.042	0.06	0.18	0.073	0.0039 U	0.0057 J	0.004 U	0.012	0.23
BENZO(G,H,I)PERYLENE	0.019	0.0042 U	0.024	0.038	0.091	0.04	0.0039 U	0.004 U	0.004 U	0.0075 J	0.12
BENZO(K)FLUORANTHENE	0.075	0.0026 U	0.015	0.025	0.078	0.035	0.0039 U	0.004 U	0.004 U	0.0037 J	0.083
CHRYSENE	0.073	0.0046 J	0.027	0.039	0.11	0.057	0.0039 U	0.004 U	0.004 U	0.0077 J	0.15
DIBENZO(A,H)ANTHRACENE	0.025	0.0042 U	0.0066 J	0.01	0.027	0.009	0.0039 U	0.004 U	0.004 U	0.004 J	0.031
FLUORANTHENE	0.065	0.0067 J	0.025	0.045	0.1	0.052	0.0039 U	0.0044 J	0.004 U	0.008	0.16
FLUORENE	0.024	0.0042 U	0.004 U	0.004 U	0.004 U	0.0039 U	0.0039 U	0.0051 J	0.004 U	0.004 U	0.0088
INDENO(1,2,3-CD)PYRENE	0.0097	0.0042 U	0.019	0.024	0.065	0.038	0.0039 U	0.004 U	0.004 U	0.0068 J	0.092
NAPHTHALENE	0.0082 J	0.0042 U	0.004 U	0.004 U	0.004 U	0.0039 U	0.0039 U	0.004 U	0.004 U	0.004 U	0.03
PHENANTHRENE	0.042	0.0062 J	0.0074 J	0.023	0.027	0.014	0.0039 U	0.004 U	0.004 U	0.004 U	0.037
PYRENE	0.076	0.0059 J	0.03	0.057	0.13	0.065	0.0039 U	0.0054 J	0.004 U	0.0075 J	0.14

TABLE 4-2

POST-INTERIM MEASURES PAH AND BaP EQUIVALENT CONCENTRATIONS IN SOIL  
WEST TRAP RANGE  
UXO 7 INTERIM MEASURES REPORT  
NSA CRANE, INDIANA  
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LOCATION	X7-WTR3-A-SOCF	X7-WTR3-BA-	X7-WTR3-CA-	X7-WTR3-DA-	X7-WTR4-AA-	X7-WTR4-A-SOCF	X7-WTR4-BA-	X7-WTR4-CA-	X7-WTR4-DA-	X7-WTR5-AA-	X7-WTR5-A-SOCF
SAMPLE ID	X7-WTR3-A-	X7-WTR3-BA-	X7-WTR3-CA-	X7-WTR3-DA-	X7-WTR4-AA-	X7-WTR4-A-	X7-WTR4-BA-	X7-WTR4-CA-	X7-WTR4-DA-	X7-WTR5-AA-	X7-WTR5-A-
SAMPLE DATE	20140317	20140317	20140317	20140317	20140317	20140317	20140317	20140317	20140317	20140317	20140317
SAMPLE CODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
SAMPLE TYPE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SUBMATRIX	NA	SS	SS	SS	SS	NA	SS	SS	SS	SS	NA
TOP DEPTH	-9999	1	1	1	1	-9999	1	1	1	1	-9999
BOTTOM DEPTH	-9999	2	2	2	2	-9999	2	2	2	2	-9999

**POLYCYCLIC AROMATIC  
HYDROCARBONS (MG/KG)**

	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-METHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-METHYLNAPHTHALENE	0.004 U	0.0041 U	0.004 U	0.004 U	0.004 U	0.0039 U	0.0039 U	0.0044 U	0.004 U	0.0041 U	0.0039 U
ACENAPHTHENE	0.004 U	0.0041 U	0.004 U	0.004 U	0.004 U	0.0043 J	0.0039 U	0.013	0.004 U	0.0041 U	0.0039 U
ACENAPHTHYLENE	0.004 U	0.0041 U	0.004 U	0.004 U	0.004 U	0.0039 U	0.0039 U	0.0044 U	0.004 U	0.0041 U	0.0039 U
ANTHRACENE	0.004 U	0.0041 U	0.004 U	0.004 U	0.004 U	0.0058 J	0.0039 U	0.016	0.004 U	0.0041 U	0.0039 U
BAP EQUIVALENT-HALFND	0.004 U	0.00474	0.004 U	0.004522	0.004 U	0.081776	0.0039 U	0.54505	0.025294	0.071603	0.014781
BENZO(A)ANTHRACENE	0.004 U	0.0041 U	0.004 U	0.004 U	0.004 U	0.04	0.0039 U	0.26	0.011	0.035	0.0087
BENZO(A)PYRENE	0.004 U	0.0041 U	0.004 U	0.0019 J	0.004 U	0.059	0.0039 U	0.39	0.016	0.049	0.01
BENZO(B)FLUORANTHENE	0.004 U	0.0041 U	0.004 U	0.004 U	0.004 U	0.076	0.0039 U	0.54	0.021	0.063	0.012
BENZO(G,H,I)PERYLENE	0.004 U	0.0041 U	0.004 U	0.004 U	0.004 U	0.037	0.0039 U	0.23	0.012	0.032	0.0069 J
BENZO(K)FLUORANTHENE	0.004 U	0.0041 U	0.004 U	0.004 U	0.004 U	0.023	0.0039 U	0.17	0.0081	0.026	0.0052 J
CHRYSENE	0.004 U	0.0049 J	0.004 U	0.004 U	0.004 U	0.046	0.0039 U	0.35	0.013	0.043	0.0094
DIBENZO(A,H)ANTHRACENE	0.004 U	0.0041 U	0.004 U	0.004 U	0.004 U	0.0085	0.0039 U	0.057	0.005 J	0.01	0.0039 U
FLUORANTHENE	0.004 U	0.019	0.004 U	0.004 U	0.004 U	0.065	0.0039 U	0.34	0.014	0.048	0.013
FLUORENE	0.004 U	0.0046 J	0.004 U	0.004 U	0.004 U	0.0039 U	0.0039 U	0.0063 J	0.004 U	0.0041 U	0.0039 U
INDENO(1,2,3-CD)PYRENE	0.004 U	0.0041 U	0.004 U	0.004 U	0.004 U	0.024	0.0039 U	0.16	0.01	0.025	0.007 J
NAPHTHALENE	0.004 U	0.0041 U	0.004 U	0.004 U	0.004 U	0.0039 U	0.0039 U	0.0085 J	0.004 U	0.0041 U	0.0039 U
PHENANTHRENE	0.004 U	0.009	0.004 U	0.004 U	0.004 U	0.028	0.0039 U	0.081	0.0056 J	0.014	0.0057 J
PYRENE	0.004 U	0.018	0.004 U	0.004 U	0.004 U	0.06	0.0039 U	0.34	0.014	0.046	0.012

TABLE 4-2

**POST-INTERIM MEASURES PAH AND BaP EQUIVALENT CONCENTRATIONS IN SOIL  
WEST TRAP RANGE  
UXO 7 INTERIM MEASURES REPORT  
NSA CRANE, INDIANA  
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LOCATION	X7-WTR5-BA-	X7-WTR5-CA-	X7-WTR5-DA-	X7-WTR6-AA-	X7-WTR6-A-SOCF	X7-WTR6-BA-	X7-WTR6-CA-	X7-WTR6-CB-	X7-WTR6-DA-	X7-SB206	X7-SB441
SAMPLE ID	X7-WTR5-BA-	X7-WTR5-CA-	X7-WTR5-DA-	X7-WTR6-AA-	X7-WTR6-A-	X7-WTR6-BA-	X7-WTR6-CA-	X7-WTR6-CB-	X7-WTR6-DA-	X7-SS206-0102	X7-SS441-0102
SAMPLE DATE	20140317	20140317	20140317	20140317	20140317	20140317	20140317	20140317	20140317	20111110	20121003
SAMPLE CODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
SAMPLE TYPE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SUBMATRIX	SS	SS	SS	SS	NA	SS	SS	SS	SS	SS	SS
TOP DEPTH	1	1	1	1	-9999	0	0	1	1	1	1
BOTTOM DEPTH	2	2	2	2	-9999	2	2	2	2	2	2

**POLYCYCLIC AROMATIC  
HYDROCARBONS (MG/KG)**

1-METHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00446 U	0.00415 U
2-METHYLNAPHTHALENE	0.004 U	0.0037 U	0.0039 U	0.004 U	0.004 U	0.004 U	0.0039 U	0.0041 U	0.0041 U	0.00446 U	0.00415 U
ACENAPHTHENE	0.004 U	0.0086	0.0039 U	0.004 U	0.004 U	0.0076 J	0.0039 U	0.0041 U	0.0041 U	0.00446 U	0.00415 U
ACENAPHTHYLENE	0.004 U	0.0037 U	0.0039 U	0.004 U	0.004 U	0.004 U	0.0039 U	0.0041 U	0.0041 U	0.00446 U	0.00415 U
ANTHRACENE	0.004 U	0.011	0.0039 U	0.004 U	0.004 U	0.01	0.0039 U	0.0041 U	0.0048 J	0.00446 U	0.00415 U
BAP EQUIVALENT-HALFND	0.009794	0.31144	0.011535	0.004 U	0.016437	0.33653	0.032372	0.008711	0.120654	0.006879	0.00415 U
BENZO(A)ANTHRACENE	0.0047 J	0.18	0.0055 J	0.004 U	0.011	0.17	0.017	0.0046 J	0.065	0.00228 J	0.00415 U
BENZO(A)PYRENE	0.006 J	0.22	0.0074 J	0.004 U	0.011	0.24	0.024	0.0051 J	0.086	0.00373 J	0.00415 U
BENZO(B)FLUORANTHENE	0.0074 J	0.24	0.01	0.004 U	0.016	0.26	0.03	0.0087	0.1	0.00396 J	0.00415 U
BENZO(G,H,I)PERYLENE	0.004 U	0.11	0.0051 J	0.004 U	0.0057 J	0.13	0.016	0.0041 U	0.054	0.00348 J	0.00415 U
BENZO(K)FLUORANTHENE	0.0038 J	0.12	0.0038 J	0.004 U	0.0062 J	0.13	0.01	0.0041 U	0.037	0.00446 U	0.00415 U
CHRYSENE	0.0055 J	0.24	0.0068 J	0.004 U	0.015	0.23	0.022	0.0058 J	0.084	0.00303 J	0.00415 U
DIBENZO(A,H)ANTHRACENE	0.004 U	0.036	0.0039 U	0.004 U	0.004 U	0.039	0.0039 U	0.0041 U	0.012	0.00446 U	0.00415 U
FLUORANTHENE	0.0056 J	0.24	0.0066 J	0.004 U	0.02	0.22	0.022	0.0056 J	0.085	0.00405 J	0.00415 U
FLUORENE	0.004 U	0.0043 J	0.0039 U	0.004 U	0.004 U	0.0043 J	0.0039 U	0.0041 U	0.0041 U	0.00446 U	0.00415 U
INDENO(1,2,3-CD)PYRENE	0.0054 J	0.12	0.0059 J	0.004 U	0.0066 J	0.13	0.016	0.0041 U	0.057	0.0027 J	0.00415 U
NAPHTHALENE	0.004 U	0.0086	0.0039 U	0.004 U	0.004 U	0.004 U	0.0039 U	0.0041 U	0.0041 U	0.00446 U	0.00249 U
PHENANTHRENE	0.004 U	0.059	0.0039 U	0.004 U	0.0087	0.06	0.0078 J	0.0041 U	0.025	0.00297 J	0.00415 U
PYRENE	0.0056 J	0.25	0.0073 J	0.004 U	0.019	0.26	0.023	0.0065 J	0.084	0.00369 J	0.00415 U

J = Estimated value  
U = Non-detection

TABLE 4-3

POST-INTERIM MEASURES PAH AND BaP EQUIVALENT CONCENTRATIONS IN SOIL  
 EAST TRAP RANGE  
 UXO 7 INTERIM MEASURES REPORT  
 NSA CRANE, INDIANA  
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LOCATION	X7-SB071		X7-SB079		X7-SB081		X7-SB086		X7-SB242		X7-SB243		X7-SB244	
SAMPLE ID	X7-SS071-0002	X7-SB075-0204	X7-SB075-0406	X7-SS079-0002	X7-SS081-0002	X7-SS086-0002	X7-SB242-0204	X7-SB242-0406	X7-SB243-0406	X7-SS244-0001	X7-SS244-0102			
SAMPLE DATE	20071005	20120906	20120906	20071005	20071005	20071005	20120906	20120906	20120906	20111109	20111109			
SAMPLE CODE	ORIG	NORMAL	NORMAL	ORIG	NORMAL									
MATRIX	SO													
SAMPLE TYPE	NORMAL													
SUBMATRIX	SS	SB	SB	SS	SS	SS	SB	SB	SB	SS	SS			
TOP DEPTH	0	2	4	0	0	0	2	4	4	0	1			
BOTTOM DEPTH	2	4	6	2	2	2	4	6	6	1	2			
<b>POLYCYCLIC AROMATIC HYDROCARBONS (MG/KG)</b>														
1-METHYLNAPHTHALENE	NA	0.00373 U	0.00396 U	NA	NA	NA	0.00407 U	0.00407 U	0.00396 U	0.00401 U	0.00395 U			
2-METHYLNAPHTHALENE	0.0016 U	0.00373 U	0.00396 U	0.0016 U	0.0016 U	0.0017 U	0.00407 U	0.00407 U	0.00396 U	0.00401 U	0.00395 U			
ACENAPHTHENE	0.0012 U	0.00373 U	0.00396 U	0.0011 U	0.0011 U	0.0012 U	0.00407 U	0.00407 U	0.00396 U	0.00401 U	0.00395 U			
ACENAPHTHYLENE														
ANTHRACENE	0.00085 U	0.00373 U	0.00396 U	0.00083 U	0.00084 U	0.0009 U	0.00407 U	0.00407 U	0.00396 U	0.00401 U	0.00543 J			
BAP EQUIVALENT-HALFND	0.021323	0.00373 U	0.0046158	0.00096 U	0.00097 U	0.001 U	0.0558374	0.00407 U	0.084046	0.0585138	0.0312892			
BENZO(A)ANTHRACENE	0.012	0.00373 U	0.00396 U	0.00087 U	0.00088 U	0.00095 UJ	0.0326	0.00407 U	0.0471	0.0341	0.0184			
BENZO(A)PYRENE	0.017	0.00373 U	0.00198 J	0.00096 U	0.00097 U	0.001 UJ	0.0427	0.00407 U	0.0649	0.0391	0.0199			
BENZO(B)FLUORANTHENE	0.02	0.00373 U	0.00238 J	0.00087 U	0.00088 U	0.00095 UJ	0.0505	0.00407 U	0.0843	0.0522	0.0252			
BENZO(G,H,I)PERYLENE	0.0071	0.00373 U	0.00396 U	0.00096 U	0.00097 U	0.001 UJ	0.0305	0.00407 U	0.0444	0.0311	0.0175			
BENZO(K)FLUORANTHENE	0.008	0.00373 U	0.00396 U	0.00045 U	0.00046 U	0.00049 UJ	0.0199	0.00407 U	0.0289	0.018	0.00985			
CHRYSENE	0.013	0.00373 U	0.00396 U	0.00083 U	0.00084 U	0.0009 UJ	0.0334	0.00407 U	0.057	0.0438	0.0207			
DIBENZO(A,H)ANTHRACENE	0.0011 U	0.00373 U	0.00396 U	0.001 U	0.0011 U	0.0011 UJ	0.00407 U	0.00407 U	0.00396 U	0.00721 J	0.00544 J			
FLUORANTHENE	0.015	0.00373 U	0.00396 U	0.00083 U	0.00084 U	0.0009 U	0.035	0.00407 U	0.0495	0.0451	0.0223			
FLUORENE	0.00065 U	0.00373 U	0.00396 U	0.00064 U	0.00064 U	0.00069 U	0.00407 U	0.00407 U	0.00396 U	0.00401 U	0.00395 U			
INDENO(1,2,3-CD)PYRENE	0.0048 J	0.00373 U	0.00396 U	0.0012 U	0.0012 U	0.0013 UJ	0.0256	0.00407 U	0.0368	0.0335	0.0147			
NAPHTHALENE	0.0012 U	0.00224 U	0.00238 U	0.0011 U	0.0011 U	0.0012 U	0.00244 U	0.00244 U	0.00238 U	0.00401 U	0.00395 U			
PHENANTHRENE	0.0011 U	0.00373 U	0.00396 U	0.001 U	0.0011 U	0.0011 U	0.00489 J	0.00407 U	0.00634 J	0.0133	0.00533 J			
PYRENE	0.017	0.00373 U	0.00396 U	0.001 U	0.0011 U	0.0011 UJ	0.0326	0.00407 U	0.0471	0.043	0.0217			

TABLE 4-3

POST-INTERIM MEASURES PAH AND BaP EQUIVALENT CONCENTRATIONS IN SOIL  
EAST TRAP RANGE  
UXO 7 INTERIM MEASURES REPORT  
NSA CRANE, INDIANA  
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LOCATION	X7-SB245		X7-SB246		X7-SB247		X7-SB248		X7-SB249		X7-SB250	
	X7-SS245-0001	X7-SS245-0102	X7-SS246-0001	X7-SS246-0102	X7-SB247-0204	X7-SB247-0406	X7-SS248-0001	X7-SS248-0102	X7-SS249-0001	X7-SS249-0102	X7-SS250-0001	X7-SS250-0102
SAMPLE ID	20111109	20111109	20111109	20111109	20120906	20120906	20111109	20111109	20111109	20111109	20111109	20111109
SAMPLE DATE												
SAMPLE CODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	NORMAL	ORIG	NORMAL
MATRIX	SO											
SAMPLE TYPE	NORMAL											
SUBMATRIX	SS	SS	SS	SS	SB	SB	SS	SS	SS	SS	SS	SS
TOP DEPTH	0	1	0	1	2	4	0	1	0	1	0	1
BOTTOM DEPTH	1	2	1	2	4	6	1	2	1	2	1	2
<b>POLYCYCLIC AROMATIC HYDROCARBONS (MG/KG)</b>												
1-METHYLNAPHTHALENE	0.00414 U	0.0385 U	0.00397 U	0.00386 U	0.00361 U	0.00398 U	0.00408 U	0.0414 U	0.0042 U	0.00393 U	0.00392 U	0.00399 U
2-METHYLNAPHTHALENE	0.00414 U	0.0385 U	0.00397 U	0.00386 U	0.00361 U	0.00398 U	0.00408 U	0.0414 U	0.0042 U	0.00393 U	0.00392 U	0.00399 U
ACENAPHTHENE	0.00414 U	0.0385 U	0.00397 U	0.00386 U	0.00361 U	0.00398 U	0.00408 U	0.0414 U	0.0042 U	0.00393 U	0.00392 U	0.00235 J
ACENAPHTHYLENE												
ANTHRACENE	0.0067 J	0.0385 U	0.00397 U	0.00242 J	0.00361 U	0.00398 U	0.00408 U	0.0414 U	0.0022 J	0.00393 U	0.00392 U	0.00481 J
BAP EQUIVALENT-HALFND	0.0269259	0.0492218	0.0403678	0.1050083	0.0058744	0.00398 U	0.0085218	0.0414 U	0.0130093	0.0266335	0.00892	0.1319451
BENZO(A)ANTHRACENE	0.00414 U	0.0385 U	0.0176	0.0594	0.00361 U	0.00398 U	0.0037 J	0.0414 U	0.0042 U	0.00393 U	0.00392 U	0.0724
BENZO(A)PYRENE	0.018	0.0227 J	0.0268	0.0708	0.00289 J	0.00398 U	0.00497 J	0.0414 U	0.00882	0.0189	0.00531 J	0.0904
BENZO(B)FLUORANTHENE	0.0263	0.0321 J	0.0347	0.0894	0.00289 J	0.00398 U	0.00673 J	0.0414 U	0.0101	0.027	0.00816	0.113
BENZO(G,H,I)PERYLENE	0.0183	0.0385 U	0.0255	0.0619	0.00361 J	0.00398 U	0.00542 J	0.0414 U	0.0087	0.0164	0.00611 J	0.0753
BENZO(K)FLUORANTHENE	0.00968	0.0385 U	0.0147	0.035	0.00361 U	0.00398 U	0.00245 J	0.0414 U	0.00522 J	0.0125	0.0043 J	0.0456
CHRYSENE	0.00414 U	0.0385 U	0.0208	0.0683	0.00361 U	0.00398 U	0.00527 J	0.0414 U	0.0042 U	0.00393 U	0.00392 U	0.0891
DIBENZO(A,H)ANTHRACENE	0.00412 J	0.0385 U	0.00556 J	0.0128	0.00217 J	0.00398 U	0.00408 U	0.0414 U	0.0042 U	0.003 J	0.00392 U	0.0146
FLUORANTHENE	0.0206	0.0275 J	0.0236	0.0688	0.0018 J	0.00398 U	0.00687 J	0.0414 U	0.00932	0.0232	0.0104	0.0887
FLUORENE	0.00414 U	0.0385 U	0.00397 U	0.00386 U	0.00361 U	0.00398 U	0.00408 U	0.0414 U	0.0042 U	0.00393 U	0.00392 U	0.00399 U
INDENO(1,2,3-CD)PYRENE	0.0187	0.0385 U	0.0261	0.0611	0.00325 J	0.00398 U	0.00439 J	0.0414 U	0.00815 J	0.0171	0.00593 J	0.0786
NAPHTHALENE	0.00414 U	0.0385 U	0.00397 U	0.00386 U	0.00217 U	0.00239 U	0.00408 U	0.0414 U	0.0042 U	0.00393 U	0.00392 U	0.00399 U
PHENANTHRENE	0.00684 J	0.0385 U	0.00397 U	0.0118	0.00361 U	0.00398 U	0.00408 U	0.0414 U	0.00492 J	0.00671 J	0.00864	0.0219
PYRENE	0.0191	0.0271 J	0.0229	0.0685	0.00361 U	0.00398 U	0.00653 J	0.0414 U	0.00924	0.0219	0.00842	0.0881

TABLE 4-3

POST-INTERIM MEASURES PAH AND BaP EQUIVALENT CONCENTRATIONS IN SOIL  
EAST TRAP RANGE  
UXO 7 INTERIM MEASURES REPORT  
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LOCATION	X7-SB251		X7-SB252		X7-SB253		X7-SB254		X7-SB255	X7-SB256
	X7-SS251-0001	X7-SS251-0102	X7-SS252-0001	X7-SS252-0102	X7-SS253-0001	X7-SS253-0102	X7-SB254-0204	X7-SB254-0406	X7-SB255-0406	X7-SB256-0406
SAMPLE ID	20111109	20111109	20111109	20111109	20111109	20111109	20120906	20120906	20120906	20120906
SAMPLE DATE	20111109	20111109	20111109	20111109	20111109	20111109	20120906	20120906	20120906	20120906
SAMPLE CODE	NORMAL									
MATRIX	SO									
SAMPLE TYPE	NORMAL									
SUBMATRIX	SS	SS	SS	SS	SS	SS	SB	SB	SB	SB
TOP DEPTH	0	1	0	1	0	1	2	4	4	4
BOTTOM DEPTH	1	2	1	2	1	2	4	6	6	6
<b>POLYCYCLIC AROMATIC HYDROCARBONS (MG/KG)</b>										
1-METHYLNAPHTHALENE	0.00417 U	0.00399 U	0.00406 U	0.00406 U	0.00403 U	0.00403 U	0.00369 U	0.00399 U	0.00429 U	0.00387 U
2-METHYLNAPHTHALENE	0.00417 U	0.00399 U	0.00406 U	0.00406 U	0.00403 U	0.00403 U	0.00369 U	0.00399 U	0.00429 U	0.00387 U
ACENAPHTHENE	0.00417 U	0.00399 U	0.00406 U	0.00406 U	0.00403 U	0.00403 U	0.00369 U	0.00399 U	0.00429 U	0.00387 U
ACENAPHTHYLENE										
ANTHRACENE	0.00417 U	0.00399 U	0.00406 U	0.00406 U	0.00212 J	0.00255 J	0.00332 J	0.00399 U	0.00429 U	0.00387 U
BAP EQUIVALENT-HALFND	0.0188676	0.0196466	0.0117367	0.0361849	0.0093517	0.0629458	0.0753107	0.00399 U	0.0055106	0.00387 U
BENZO(A)ANTHRACENE	0.00912	0.00858	0.00406 U	0.0211	0.00403 U	0.0291	0.0417	0.00399 U	0.00429 U	0.00387 U
BENZO(A)PYRENE	0.0117	0.0115	0.00767 J	0.0258	0.00671 J	0.0426	0.058	0.00399 U	0.00257 J	0.00387 U
BENZO(B)FLUORANTHENE	0.0147	0.0185	0.0102	0.0362	0.00403 U	0.0525	0.0731	0.00399 U	0.00343 J	0.00387 U
BENZO(G,H,I)PERYLENE	0.0108	0.0118	0.0075 J	0.026	0.00507 J	0.0343	0.0443	0.00399 U	0.00257 J	0.00387 U
BENZO(K)FLUORANTHENE	0.00735 J	0.0057 J	0.00487 J	0.0161	0.00403 U	0.02	0.0244	0.00399 U	0.00429 U	0.00387 U
CHRYSENE	0.0121	0.0116	0.00406 U	0.0239	0.00403 U	0.0358	0.0517	0.00399 U	0.00429 U	0.00387 U
DIBENZO(A,H)ANTHRACENE	0.00364 J	0.004 J	0.00406 U	0.00406 U	0.00403 U	0.00822	0.00369 U	0.00399 U	0.00429 U	0.00387 U
FLUORANTHENE	0.0124	0.0126	0.00776 J	0.0272	0.00836	0.0329	0.0476	0.00399 U	0.00429 U	0.00387 U
FLUORENE	0.00417 U	0.00399 U	0.00406 U	0.00406 U	0.00403 U	0.00403 U	0.00369 U	0.00399 U	0.00429 U	0.00387 U
INDENO(1,2,3-CD)PYRENE	0.0106	0.0137	0.00763 J	0.0244	0.00403 U	0.0373	0.0369	0.00399 U	0.00429 U	0.00387 U
NAPHTHALENE	0.00417 U	0.00399 U	0.00406 U	0.00406 U	0.00403 U	0.00403 U	0.00222 U	0.0024 U	0.00257 U	0.00232 U
PHENANTHRENE	0.00415 J	0.00595 J	0.00376 J	0.00523 J	0.0048 J	0.0066 J	0.0159	0.00399 U	0.00429 U	0.00387 U
PYRENE	0.0115	0.012	0.0076 J	0.0281	0.00725 J	0.0335	0.0432	0.00399 U	0.00429 U	0.00387 U

TABLE 4-3

POST-INTERIM MEASURES PAH AND BaP EQUIVALENT CONCENTRATIONS IN SOIL  
 EAST TRAP RANGE  
 UXO 7 INTERIM MEASURES REPORT  
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LOCATION	X7-SB258		X7-SB260		X7-SB261		X7-SS262	X7-SS263	X7-SB265	
	X7-SS258-0001	X7-SS258-0102	X7-SS260-0001	X7-SS260-0102	X7-SB261-0204	X7-SB261-0406	X7-SS262-0102	X7-SS263-0102	X7-SS265-0001	X7-SS265-0102
SAMPLE ID	20111109	20111109	20111109	20111109	20120906	20120906	20111109	20111109	20111109	20111109
SAMPLE DATE										
SAMPLE CODE	NORMAL									
MATRIX	SO									
SAMPLE TYPE	NORMAL									
SUBMATRIX	SS	SS	SS	SS	SB	SB	SS	SS	SS	SS
TOP DEPTH	0	1	0	1	2	4	1	1	0	1
BOTTOM DEPTH	1	2	1	2	4	6	2	2	1	2
<b>POLYCYCLIC AROMATIC HYDROCARBONS (MG/KG)</b>										
1-METHYLNAPHTHALENE	0.00446 U	0.0042 U	0.00375 U	0.00399 U	0.00378 U	0.00403 U	0.00397 U	0.00388 U	0.00408 U	0.00415 U
2-METHYLNAPHTHALENE	0.00446 U	0.0042 U	0.00375 U	0.00399 U	0.00378 U	0.00403 U	0.00397 U	0.00388 U	0.00408 U	0.00415 U
ACENAPHTHENE	0.00446 U	0.0042 U	0.00375 U	0.00271 J	0.00378 U	0.00403 U	0.00397 U	0.00388 U	0.00408 U	0.00415 U
ACENAPHTHYLENE										
ANTHRACENE	0.00446 U	0.0042 U	0.00375 U	0.00473 J	0.00378 U	0.00403 U	0.00275 J	0.00388 U	0.00408 U	0.00415 U
BAP EQUIVALENT-HALFND	0.0102995	0.0042 U	0.012249	0.1474503	0.0044058	0.0307097	0.0902324	0.0058335	0.0184182	0.0058498
BENZO(A)ANTHRACENE	0.00446 U	0.0042 U	0.00375 U	0.0786	0.00378 U	0.0193	0.0458	0.00388 U	0.00408 U	0.00415 U
BENZO(A)PYRENE	0.00616 J	0.0042 U	0.00762	0.0997	0.00189 J	0.0225	0.0604	0.00305 J	0.0133	0.00287 J
BENZO(B)FLUORANTHENE	0.01	0.0042 U	0.0119	0.139	0.00227 J	0.0278	0.0814	0.00345 J	0.0189	0.00467 J
BENZO(G,H,I)PERYLENE	0.00618 J	0.0042 U	0.00707 J	0.076	0.00378 U	0.0161	0.0525	0.00274 J	0.00976	0.00221 J
BENZO(K)FLUORANTHENE	0.00373 J	0.0042 U	0.00426 J	0.0483	0.00378 U	0.00966	0.0283	0.00196 J	0.00652 J	0.00415 U
CHRYSENE	0.00446 U	0.0042 U	0.00375 U	0.0973	0.00378 U	0.0181	0.0594	0.00388 U	0.00408 U	0.00415 U
DIBENZO(A,H)ANTHRACENE	0.00446 U	0.0042 U	0.00256 J	0.0176	0.00378 U	0.00403 U	0.0112	0.00388 U	0.00408 U	0.00415 U
FLUORANTHENE	0.00781 J	0.0042 U	0.00902	0.0889	0.00378 U	0.0169	0.0544	0.00286 J	0.0199	0.00642 J
FLUORENE	0.00446 U	0.0042 U	0.00375 U	0.00201 J	0.00378 U	0.00403 U	0.00397 U	0.00388 U	0.00408 U	0.00415 U
INDENO(1,2,3-CD)PYRENE	0.00647 J	0.0042 U	0.00647 J	0.0781	0.00378 U	0.0137	0.0557	0.00283 J	0.00917	0.00415 U
NAPHTHALENE	0.00446 U	0.0042 U	0.00375 U	0.00399 U	0.00227 U	0.00242 U	0.00397 U	0.00388 U	0.00408 U	0.00415 U
PHENANTHRENE	0.00286 J	0.0042 U	0.00384 J	0.0199	0.00378 U	0.00403 U	0.0113	0.00388 U	0.00895	0.0061 J
PYRENE	0.00724 J	0.0042 U	0.00861	0.0903	0.00378 U	0.0161	0.0551	0.00282 J	0.0183	0.00455 J

TABLE 4-3

POST-INTERIM MEASURES PAH AND BaP EQUIVALENT CONCENTRATIONS IN SOIL  
EAST TRAP RANGE  
UXO 7 INTERIM MEASURES REPORT  
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LOCATION	X7-SB266		X7-SB267		X7-SB270		X7-SB491		X7-SB492	X7-SB493	
	X7-SS266-0001	X7-SS266-0102	X7-SS267-0001	X7-SS267-0102	X7-SS270-0001	X7-SS270-0102	X7-SS491-0001	X7-SS491-0102	X7-SS492-0102	X7-SS493-0001	X7-SS493-0102
SAMPLE ID	20111109	20111109	20111109	20111109	20111109	20111109	20120906	20120906	20120906	20120906	20120906
SAMPLE DATE	20111109	20111109	20111109	20111109	20111109	20111109	20120906	20120906	20120906	20120906	20120906
SAMPLE CODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
MATRIX	SO										
SAMPLE TYPE	NORMAL										
SUBMATRIX	SS										
TOP DEPTH	0	1	0	1	0	1	0	1	1	0	1
BOTTOM DEPTH	1	2	1	2	1	2	1	2	2	1	2
<b>POLYCYCLIC AROMATIC HYDROCARBONS (MG/KG)</b>											
1-METHYLNAPHTHALENE	0.00413 U	0.00404 U	0.00397 U	0.00405 U	0.00406 U	0.004 U	0.00398 U	0.00359 U	0.00365 U	0.00402 U	0.00361 U
2-METHYLNAPHTHALENE	0.00413 U	0.00404 U	0.00397 U	0.00405 U	0.00406 U	0.004 U	0.00398 U	0.00359 U	0.00365 U	0.00402 U	0.00361 U
ACENAPHTHENE	0.00413 U	0.00404 U	0.00397 U	0.00405 U	0.00406 U	0.004 U	0.00398 U	0.00359 U	0.00365 U	0.00402 U	0.00361 U
ACENAPHTHYLENE											
ANTHRACENE	0.00413 U	0.00404 U	0.00397 U	0.00405 U	0.00406 U	0.004 U	0.00398 U	0.00359 U	0.00365 U	0.00281 J	0.00361 U
BAP EQUIVALENT-HALFND	0.0135365	0.0428044	0.0138946	0.0221614	0.011843	0.004 U	0.0134882	0.00359 U	0.0067378	0.1202035	0.00361 U
BENZO(A)ANTHRACENE	0.00644 J	0.0201	0.00397 U	0.0117	0.00642 J	0.004 U	0.00995	0.00359 U	0.00548 J	0.0751	0.00361 U
BENZO(A)PYRENE	0.00893	0.0269	0.00957	0.0141	0.00758 J	0.004 U	0.00875	0.00359 U	0.00365 J	0.0916	0.00361 U
BENZO(B)FLUORANTHENE	0.0126	0.0406	0.0136	0.0185	0.00949	0.004 U	0.0119	0.00359 U	0.00475 J	0.13	0.00361 U
BENZO(G,H,I)PERYLENE	0.00668 J	0.0225	0.0069 J	0.0119	0.00585 J	0.004 U	0.00676 J	0.00359 U	0.00365 U	0.0679	0.00361 U
BENZO(K)FLUORANTHENE	0.00497 J	0.0158	0.00561 J	0.00785 J	0.00463 J	0.004 U	0.00398 J	0.00359 U	0.00365 U	0.0422	0.00361 U
CHRYSENE	0.00776 J	0.0264	0.00397 U	0.0129	0.00773 J	0.004 U	0.00637 J	0.00359 U	0.00256 J	0.0715	0.00361 U
DIBENZO(A,H)ANTHRACENE	0.00413 U	0.00726 J	0.00397 U	0.00378 J	0.00406 U	0.004 U	0.00398 U	0.00359 U	0.00365 U	0.00402 U	0.00361 U
FLUORANTHENE	0.00867	0.0237	0.009	0.0132	0.00983	0.004 U	0.00756 J	0.00359 U	0.00256 J	0.0759	0.00361 U
FLUORENE	0.00413 U	0.00404 U	0.00397 U	0.00405 U	0.00406 U	0.004 U	0.00398 U	0.00359 U	0.00365 U	0.00402 U	0.00361 U
INDENO(1,2,3-CD)PYRENE	0.0058 J	0.0239	0.00723 J	0.0117	0.00588 J	0.004 U	0.00517 J	0.00359 U	0.00219 J	0.0559	0.00361 U
NAPHTHALENE	0.00413 U	0.00404 U	0.00397 U	0.00405 U	0.00406 U	0.004 U	0.00239 U	0.00215 U	0.00219 U	0.00241 U	0.00216 U
PHENANTHRENE	0.00327 J	0.00441 J	0.0032 J	0.00408 J	0.00483 J	0.004 U	0.00239 J	0.00359 U	0.00365 U	0.0141	0.00361 U
PYRENE	0.00824 J	0.0229	0.00904	0.013	0.00835	0.004 U	0.00836	0.00359 U	0.00256 J	0.0751	0.00361 U

TABLE 4-3

POST-INTERIM MEASURES PAH AND BaP EQUIVALENT CONCENTRATIONS IN SOIL  
 EAST TRAP RANGE  
 UXO 7 INTERIM MEASURES REPORT  
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LOCATION	X7-SB494		X7-SB497		X7-SB498		X7-SB502		X7-SS503	X7-SB504	
	X7-SS494-0001	X7-SS494-0102	X7-SS497-0001	X7-SS497-0102	X7-SS498-0001	X7-SS498-0102	X7-SS502-0001	X7-SS502-0102	X7-SS503-0102	X7-SS504-0001	X7-SS504-0102
SAMPLE ID	20120906	20120906	20121003	20121003	20120906	20120906	20120906	20120906	20120906	20121003	20121003
SAMPLE DATE	20120906	20120906	20121003	20121003	20120906	20120906	20120906	20120906	20120906	20121003	20121003
SAMPLE CODE	NORMAL										
MATRIX	SO										
SAMPLE TYPE	NORMAL										
SUBMATRIX	SS										
TOP DEPTH	0	1	0	1	0	1	0	1	1	0	1
BOTTOM DEPTH	1	2	1	2	1	2	1	2	2	1	2
<b>POLYCYCLIC AROMATIC HYDROCARBONS (MG/KG)</b>											
1-METHYLNAPHTHALENE	0.00403 U	0.00378 U	0.00437 U	0.00405 U	0.00406 U	0.00385 U	0.00416 U	0.00364 U	0.00408 U	0.00413 U	0.00392 U
2-METHYLNAPHTHALENE	0.00403 U	0.00378 U	0.00437 U	0.00405 U	0.00406 U	0.00385 U	0.00416 U	0.00364 U	0.00408 U	0.00413 U	0.00392 U
ACENAPHTHENE	0.00403 U	0.00378 U	0.00437 U	0.00405 U	0.00406 U	0.00385 U	0.00416 U	0.00364 U	0.00408 U	0.00413 U	0.00392 U
ACENAPHTHYLENE											
ANTHRACENE	0.00403 U	0.00378 U	0.00437 U	0.00405 U	0.00406 U	0.00385 U	0.00416 U	0.00364 U	0.00408 U	0.00413 U	0.00392 U
BAP EQUIVALENT-HALFND	0.02297	0.00378 U	0.0181802	0.0342331	0.0052233	0.00385 U	0.0351322	0.0077431	0.0117023	0.0073841	0.00392 U
BENZO(A)ANTHRACENE	0.0157	0.00378 U	0.0136	0.0219	0.00406 U	0.00385 U	0.0212	0.00655 J	0.00897	0.00744 J	0.00392 U
BENZO(A)PYRENE	0.0161	0.00378 U	0.0122	0.0251	0.00244 J	0.00385 U	0.0258	0.00437 J	0.00734 J	0.00372 J	0.00392 U
BENZO(B)FLUORANTHENE	0.0226	0.00378 U	0.0166	0.0353	0.00325 J	0.00385 U	0.0349	0.00618 J	0.0102	0.00579 J	0.00392 U
BENZO(G,H,I)PERYLENE	0.0117	0.00378 U	0.00875	0.0146	0.00406 U	0.00385 U	0.0183	0.00291 J	0.00449 J	0.00289 J	0.00392 U
BENZO(K)FLUORANTHENE	0.00847	0.00378 U	0.00656 J	0.0105	0.00406 U	0.00385 U	0.0121	0.00218 J	0.00326 J	0.00248 J	0.00392 U
CHRYSENE	0.0133	0.00378 U	0.00962	0.0231	0.00406 U	0.00385 U	0.0212	0.00327 J	0.00571 J	0.00331 J	0.00392 U
DIBENZO(A,H)ANTHRACENE	0.00403 U	0.00378 U	0.00437 U	0.00405 U	0.00406 U	0.00385 U	0.00416 U	0.00364 U	0.00408 U	0.00413 U	0.00392 U
FLUORANTHENE	0.0141	0.00378 U	0.0153	0.0227	0.00284 J	0.00385 U	0.02	0.004 J	0.00897	0.0062 J	0.00392 U
FLUORENE	0.00403 U	0.00378 U	0.00437 U	0.00405 U	0.00406 U	0.00385 U	0.00416 U	0.00364 U	0.00408 U	0.00413 U	0.00392 U
INDENO(1,2,3-CD)PYRENE	0.00927	0.00378 U	0.007 J	0.0126	0.00406 U	0.00385 U	0.015	0.00255 J	0.00367 J	0.00248 J	0.00392 U
NAPHTHALENE	0.00242 U	0.00227 U	0.00262 U	0.00243 U	0.00244 U	0.00231 U	0.0025 U	0.00218 U	0.00245 U	0.00248 U	0.00235 U
PHENANTHRENE	0.00363 J	0.00378 U	0.00743 J	0.00649 J	0.00406 U	0.00385 U	0.00499 J	0.00364 U	0.00408 J	0.00372 J	0.00392 U
PYRENE	0.0137	0.00378 U	0.0149	0.0243	0.00244 J	0.00385 U	0.0196	0.004 J	0.00856	0.00579 J	0.00392 U

TABLE 4-3

POST-INTERIM MEASURES PAH AND BaP EQUIVALENT CONCENTRATIONS IN SOIL  
EAST TRAP RANGE  
UXO 7 INTERIM MEASURES REPORT  
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LOCATION SAMPLE ID SAMPLE DATE SAMPLE CODE MATRIX SAMPLE TYPE SUBMATRIX TOP DEPTH BOTTOM DEPTH	X7-SB505		X7-SB506		X7-SB507		X7-SB510		X7-SS511	X7-SB513	
	X7-SB505-0204 20120906 NORMAL SO NORMAL SB 2 4	X7-SB505-0406 20120906 NORMAL SO NORMAL SB 4 6	X7-SS506-0001 20121003 NORMAL SO NORMAL SS 0 1	X7-SS506-0102 20121003 NORMAL SO NORMAL SS 1 2	X7-SS507-0001 20120906 NORMAL SO NORMAL SS 0 1	X7-SS507-0102 20120906 NORMAL SO NORMAL SS 1 2	X7-SS510-0001 20120906 NORMAL SO NORMAL SS 0 1	X7-SS510-0102 20120906 NORMAL SO NORMAL SS 1 2	X7-SS511-0102 20120906 ORIG SO NORMAL SS 1 2	X7-SS513-0001 20121003 NORMAL SO NORMAL SS 0 1	X7-SS513-0102 20121003 NORMAL SO NORMAL SS 1 2
<b>POLYCYCLIC AROMATIC HYDROCARBONS (MG/KG)</b>											
1-METHYLNAPHTHALENE	0.00391 U	0.00401 U	0.0041 U	0.00403 U	0.00406 U	0.00384 U	0.00398 U	0.00363 U	0.00388 U	0.00407 U	0.00392 U
2-METHYLNAPHTHALENE	0.00391 U	0.00401 U	0.0041 U	0.00403 U	0.00406 U	0.00384 U	0.00398 U	0.00363 U	0.00388 U	0.00407 U	0.00392 U
ACENAPHTHENE	0.00391 U	0.00401 U	0.0041 U	0.00403 U	0.00406 U	0.00384 U	0.00398 U	0.00363 U	0.00388 U	0.00407 U	0.00392 U
ACENAPHTHYLENE											
ANTHRACENE	0.00391 U	0.00401 U	0.0041 U	0.00403 U	0.00406 U	0.00384 U	0.00398 U	0.00363 U	0.00388 U	0.00407 U	0.00392 U
BAP EQUIVALENT-HALFND	0.00391 U	0.00401 U	0.0047376	0.0051347	0.0047323	0.0045521	0.0109776	0.0540542	0.0097786	0.0066622	0.00392 U
BENZO(A)ANTHRACENE	0.00391 U	0.00401 U	0.0041 U	0.00564 J	0.00406 U	0.00384 U	0.00835	0.0316	0.00776 J	0.00692 J	0.00392 U
BENZO(A)PYRENE	0.00391 U	0.00401 U	0.0041 U	0.00201 J	0.00406 U	0.00192 J	0.00676 J	0.0411	0.00582 J	0.00326 J	0.00392 U
BENZO(B)FLUORANTHENE	0.00391 U	0.00401 U	0.00205 J	0.00322 J	0.00244 J	0.00307 J	0.00954	0.0545	0.00854	0.00448 J	0.00392 U
BENZO(G,H,I)PERYLENE	0.00391 U	0.00401 U	0.0041 U	0.00403 U	0.00406 U	0.00384 U	0.00477 J	0.0269	0.00388 J	0.00285 J	0.00392 U
BENZO(K)FLUORANTHENE	0.00391 U	0.00401 U	0.0041 U	0.00403 U	0.00406 U	0.00384 U	0.00358 J	0.0204	0.00349 J	0.00407 U	0.00392 U
CHRYSENE	0.00391 U	0.00401 U	0.0041 U	0.00201 J	0.00406 U	0.00384 U	0.00477 J	0.0352	0.00466 J	0.00285 J	0.00392 U
DIBENZO(A,H)ANTHRACENE	0.00391 U	0.00401 U	0.0041 U	0.00403 U	0.00406 U	0.00384 U	0.00398 U	0.00363 U	0.00388 U	0.00407 U	0.00392 U
FLUORANTHENE	0.00391 U	0.00401 U	0.0041 U	0.00403 J	0.00406 U	0.0023 J	0.00676 J	0.0327	0.00738 J	0.00488 J	0.00392 U
FLUORENE	0.00391 U	0.00401 U	0.0041 U	0.00403 U	0.00406 U	0.00384 U	0.00398 U	0.00363 U	0.00388 U	0.00407 U	0.00392 U
INDENO(1,2,3-CD)PYRENE	0.00391 U	0.00401 U	0.0041 U	0.00403 U	0.00406 U	0.00384 U	0.00398 J	0.0229	0.00349 J	0.00204 J	0.00392 U
NAPHTHALENE	0.00235 U	0.0024 U	0.00246 U	0.00242 U	0.00244 U	0.0023 U	0.00239 U	0.00218 U	0.00233 U	0.00244 U	0.00235 U
PHENANTHRENE	0.00391 U	0.00401 U	0.0041 U	0.00403 U	0.00406 U	0.00384 U	0.00398 U	0.00581 J	0.00311 J	0.00285 J	0.00392 U
PYRENE	0.00391 U	0.00401 U	0.0041 U	0.00362 J	0.00406 U	0.0023 J	0.00636 J	0.0323	0.00621 J	0.00529 J	0.00392 U

TABLE 4-3

POST-INTERIM MEASURES PAH AND BaP EQUIVALENT CONCENTRATIONS IN SOIL  
EAST TRAP RANGE  
UXO 7 INTERIM MEASURES REPORT  
NSA CRANE, INDIANA  
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LOCATION	X7-SB518		X7-SB519		X7-SB521		X7-SB522		X7-SB525	
	X7-SS518-0001	X7-SS518-0102	X7-SS519-0001	X7-SS519-0102	X7-SS521-0001	X7-SS521-0102	X7-SS522-0001	X7-SS522-0102	X7-SS525-0001	X7-SS525-0102
SAMPLE ID	20120906	20120906	20120906	20120906	20120906	20120906	20120906	20120906	20120906	20120906
SAMPLE DATE										
SAMPLE CODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	NORMAL	NORMAL
MATRIX	SO									
SAMPLE TYPE	NORMAL									
SUBMATRIX	SS									
TOP DEPTH	0	1	0	1	0	1	0	1	0	1
BOTTOM DEPTH	1	2	1	2	1	2	1	2	1	2
<b>POLYCYCLIC AROMATIC HYDROCARBONS (MG/KG)</b>										
1-METHYLNAPHTHALENE	0.00404 U	0.00369 U	0.0039 U	0.00366 U	0.00394 U	0.0038 U	0.00411 U	0.00386 U	0.0041 U	0.00387 U
2-METHYLNAPHTHALENE	0.00404 U	0.00369 U	0.0039 U	0.00366 U	0.00394 U	0.0038 U	0.00411 U	0.00386 U	0.0041 U	0.00387 U
ACENAPHTHENE	0.00404 U	0.00369 U	0.0039 U	0.00366 U	0.00394 U	0.0038 U	0.00411 U	0.00386 U	0.0041 U	0.00387 U
ACENAPHTHYLENE										
ANTHRACENE	0.00404 U	0.00369 U	0.0039 U	0.00366 U	0.00394 U	0.0038 U	0.00411 U	0.00386 U	0.0041 U	0.00387 U
BAP EQUIVALENT-HALFND	0.038344	0.0087832	0.0294945	0.0227381	0.0126071	0.0049609	0.0110911	0.0045762	0.0057216	0.00387 U
BENZO(A)ANTHRACENE	0.0234	0.00702 J	0.0179	0.0161	0.0102	0.0038 U	0.00945	0.00386 U	0.0041 U	0.00387 U
BENZO(A)PYRENE	0.0283	0.00517 J	0.0214	0.0161	0.00788	0.0228 J	0.00657 J	0.00193 J	0.00287 J	0.00387 U
BENZO(B)FLUORANTHENE	0.0388	0.00738 J	0.0288	0.0212	0.0114	0.0038 J	0.0103	0.00309 J	0.00369 J	0.00387 U
BENZO(G,H,I)PERYLENE	0.0198	0.00369 J	0.016	0.0121	0.0067 J	0.0038 U	0.00534 J	0.00386 U	0.00287 J	0.00387 U
BENZO(K)FLUORANTHENE	0.0121	0.00295 J	0.00974	0.00769	0.00394 J	0.0038 U	0.00329 J	0.00386 U	0.0041 U	0.00387 U
CHRYSENE	0.023	0.00369 J	0.0171	0.0132	0.0067 J	0.0038 U	0.00616 J	0.00386 U	0.0041 U	0.00387 U
DIBENZO(A,H)ANTHRACENE	0.00404 U	0.00369 U	0.0039 U	0.00366 U	0.00394 U	0.0038 U	0.00411 U	0.00386 U	0.0041 U	0.00387 U
FLUORANTHENE	0.0198	0.0048 J	0.0183	0.0132	0.00788	0.00304 J	0.00986	0.00231 J	0.00328 J	0.00387 U
FLUORENE	0.00404 U	0.00369 U	0.0039 U	0.00366 U	0.00394 U	0.0038 U	0.00411 U	0.00386 U	0.0041 U	0.00387 U
INDENO(1,2,3-CD)PYRENE	0.0166	0.00295 J	0.0136	0.00988	0.00551 J	0.0038 U	0.00452 J	0.00386 U	0.00205 J	0.00387 U
NAPHTHALENE	0.00242 U	0.00222 U	0.00234 U	0.0022 U	0.00236 U	0.00228 U	0.00247 U	0.00231 U	0.00246 U	0.00232 U
PHENANTHRENE	0.00444 J	0.00369 U	0.00468 J	0.00366 J	0.00236 J	0.0038 U	0.00534 J	0.00386 U	0.0041 U	0.00387 U
PYRENE	0.0194	0.00443 J	0.0195	0.0132	0.00709 J	0.00228 J	0.0074 J	0.00193 J	0.00287 J	0.00387 U

TABLE 4-3

POST-INTERIM MEASURES PAH AND BaP EQUIVALENT CONCENTRATIONS IN SOIL  
 EAST TRAP RANGE  
 UXO 7 INTERIM MEASURES REPORT  
 NSA CRANE, INDIANA  
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LOCATION SAMPLE ID SAMPLE DATE SAMPLE CODE MATRIX SAMPLE TYPE SUBMATRIX TOP DEPTH BOTTOM DEPTH	X7-SB526		X7-SB527		X7-SB528	X7-SB530		X7-SB531		X7-SB533	
	X7-SB526-0204 20120906 NORMAL SO NORMAL SB 2 4	X7-SB526-0406 20120906 NORMAL SO NORMAL SB 4 6	X7-SB527-0204 20120906 NORMAL SO NORMAL SB 2 4	X7-SB527-0406 20120906 NORMAL SO NORMAL SB 4 6	X7-SB528-0406 20120906 NORMAL SO NORMAL SB 4 6	X7-SS530-0001 20120906 NORMAL SO NORMAL SS 0 1	X7-SS530-0102 20120906 NORMAL SO NORMAL SS 1 2	X7-SS531-0001 20120906 NORMAL SO NORMAL SS 0 1	X7-SS531-0102 20120906 NORMAL SO NORMAL SS 1 2	X7-SS533-0001 20121003 NORMAL SO NORMAL SS 0 1	X7-SS533-0102 20121003 NORMAL SO NORMAL SS 1 2
<b>POLYCYCLIC AROMATIC HYDROCARBONS (MG/KG)</b>											
1-METHYLNAPHTHALENE	0.00372 U	0.00392 U	0.00377 U	0.0039 U	0.00397 U	0.00414 U	0.00393 U	0.00398 U	0.0406 U	0.00403 U	0.00416 U
2-METHYLNAPHTHALENE	0.00372 U	0.00392 U	0.00377 U	0.0039 U	0.00278 J	0.00414 U	0.00393 U	0.00398 U	0.0406 U	0.00403 U	0.00416 U
ACENAPHTHENE	0.00372 U	0.00392 U	0.00377 U	0.0039 U	0.0206	0.00414 U	0.00393 U	0.00398 U	0.0406 U	0.00403 U	0.00416 U
ACENAPHTHYLENE											
ANTHRACENE	0.00372 U	0.00392 U	0.00377 U	0.0039 U	0.0246	0.00414 U	0.00314 J	0.00398 U	0.0406 U	0.00403 U	0.00416 U
BAP EQUIVALENT-HALFND	0.0073883	0.006375	0.00377 U	0.0103232	1.374801	0.0132097	0.1324676	0.0110958	0.0610333	0.00403 U	0.1254159
BENZO(A)ANTHRACENE	0.00632 J	0.00392 U	0.00377 U	0.00857	0.764	0.0103	0.0762	0.00955	0.0406 U	0.00403 U	0.0741
BENZO(A)PYRENE	0.00409 J	0.00353 J	0.00377 U	0.00623 J	1.08	0.00827	0.103	0.00676 J	0.0324 J	0.00403 U	0.092
BENZO(B)FLUORANTHENE	0.00521 J	0.00432 J	0.00377 U	0.00818	1.41	0.0124	0.14	0.00995	0.0365 J	0.00403 U	0.123
BENZO(G,H,I)PERYLENE	0.00335 J	0.00275 J	0.00377 U	0.00506 J	0.871	0.00703 J	0.0589	0.00438 J	0.0243 J	0.00403 U	0.0475
BENZO(K)FLUORANTHENE	0.00223 J	0.00392 U	0.00377 U	0.00351 J	0.568	0.00538 J	0.0483	0.00318 J	0.0406 U	0.00403 U	0.0421
CHRYSENE	0.00298 J	0.00235 J	0.00377 U	0.00506 J	0.936	0.00786 J	0.0896	0.00597 J	0.0406 U	0.00403 U	0.0849
DIBENZO(A,H)ANTHRACENE	0.00372 U	0.00392 U	0.00377 U	0.0039 U	0.00397 U	0.00414 U	0.00393 U	0.00398 U	0.0406 U	0.00403 U	0.00874
FLUORANTHENE	0.00298 J	0.00314 J	0.00377 U	0.00467 J	0.791	0.00703 J	0.0762	0.00835	0.0406 U	0.00403 U	0.0787
FLUORENE	0.00372 U	0.00392 U	0.00377 U	0.0039 U	0.0135	0.00414 U	0.00393 U	0.00398 U	0.0406 U	0.00403 U	0.00416 U
INDENO(1,2,3-CD)PYRENE	0.0026 J	0.00235 J	0.00377 U	0.00428 J	0.688	0.00538 J	0.0531	0.00358 J	0.0243 J	0.00403 U	0.0446
NAPHTHALENE	0.00223 U	0.00235 U	0.00226 U	0.00234 U	0.00674 J	0.00248 U	0.00393 J	0.00239 U	0.0243 U	0.00242 U	0.0025 U
PHENANTHRENE	0.00372 U	0.00392 U	0.00377 U	0.0039 U	0.142	0.00414 U	0.0145	0.00318 J	0.0406 U	0.00403 U	0.0104
PYRENE	0.00298 J	0.00314 J	0.00377 U	0.00467 J	0.768	0.00662 J	0.0794	0.00756 J	0.0406 U	0.00403 U	0.0879

TABLE 4-3

POST-INTERIM MEASURES PAH AND BaP EQUIVALENT CONCENTRATIONS IN SOIL  
EAST TRAP RANGE  
UXO 7 INTERIM MEASURES REPORT  
NSA CRANE, INDIANA  
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LOCATION	X7-SB535		X7-SB536		X7-SB540		X7-SB541		X7-SB542	
	X7-SB535-0204	X7-SB535-0406	X7-SS536-0001	X7-SS536-0102	X7-SS540-0001	X7-SS540-0102	X7-SB541-0204	X7-SB541-0406	X7-SS542-0001	X7-SS542-0102
SAMPLE ID	20120906	20120906	20120906	20120906	20121003	20121003	20120906	20120906	20120906	20120906
SAMPLE DATE										
SAMPLE CODE	NORMAL									
MATRIX	SO									
SAMPLE TYPE	NORMAL									
SUBMATRIX	SB	SB	SS	SS	SS	SS	SB	SB	SS	SS
TOP DEPTH	2	4	0	1	0	1	2	4	0	1
BOTTOM DEPTH	4	6	1	2	1	2	4	6	1	2
<b>POLYCYCLIC AROMATIC HYDROCARBONS (MG/KG)</b>										
1-METHYLNAPHTHALENE	0.00364 U	0.00409 U	0.00422 U	0.00392 U	0.00409 U	0.00402 U	0.00406 U	0.00371 U	0.00408 U	0.00384 U
2-METHYLNAPHTHALENE	0.00364 U	0.00409 U	0.00422 U	0.00392 U	0.00409 U	0.00402 U	0.00406 U	0.00371 U	0.00408 U	0.00384 U
ACENAPHTHENE	0.00364 U	0.00409 U	0.00422 U	0.00392 U	0.00409 U	0.00402 U	0.00406 U	0.00371 U	0.00408 U	0.00384 U
ACENAPHTHYLENE										
ANTHRACENE	0.00473 J	0.00409 U	0.00211 J	0.00392 U	0.00409 U	0.00402 U	0.00406 U	0.00371 U	0.00408 U	0.00384 U
BAP EQUIVALENT-HALFND	0.1239837	0.0066474	0.0097667	0.0046476	0.0067828	0.0106473	0.0211165	0.00371 U	0.0072027	0.0044761
BENZO(A)ANTHRACENE	0.0768	0.00409 U	0.00928	0.00392 U	0.00573 J	0.00844	0.0166	0.00371 U	0.00612 J	0.00384 U
BENZO(A)PYRENE	0.0961	0.00368 J	0.00548 J	0.00196 J	0.00327 J	0.00643 J	0.0146	0.00371 U	0.00367 J	0.00384 U
BENZO(B)FLUORANTHENE	0.12	0.0045 J	0.00886	0.00314 J	0.00532 J	0.00924	0.0187	0.00371 U	0.00571 J	0.00231 J
BENZO(G,H,I)PERYLENE	0.0685	0.00286 J	0.00422 J	0.00392 U	0.00368 J	0.00442 J	0.00893	0.00371 U	0.00367 J	0.00384 U
BENZO(K)FLUORANTHENE	0.0437	0.00409 U	0.00211 J	0.00392 U	0.00287 J	0.00321 J	0.00893	0.00371 U	0.00408 U	0.00384 U
CHRYSENE	0.0867	0.00245 J	0.00464 J	0.00392 U	0.00205 J	0.00522 J	0.0142	0.00371 U	0.00326 J	0.00384 U
DIBENZO(A,H)ANTHRACENE	0.00364 U	0.00409 U	0.00422 U	0.00392 U	0.00205 J	0.00402 U	0.00406 U	0.00371 U	0.00408 U	0.00384 U
FLUORANTHENE	0.0987	0.00286 J	0.0148	0.00314 J	0.00287 J	0.00563 J	0.0142	0.00371 U	0.00449 J	0.00346 J
FLUORENE	0.00364 U	0.00409 U	0.00422 U	0.00392 U	0.00409 U	0.00402 U	0.00406 U	0.00371 U	0.00408 U	0.00384 U
INDENO(1,2,3-CD)PYRENE	0.0586	0.00245 J	0.00337 J	0.00392 U	0.00327 J	0.00402 J	0.00853	0.00371 U	0.00286 J	0.00384 U
NAPHTHALENE	0.00219 U	0.00245 U	0.00253 U	0.00235 U	0.00246 U	0.00241 U	0.00244 U	0.00223 U	0.00245 U	0.00231 U
PHENANTHRENE	0.0189	0.00409 U	0.00928	0.00392 U	0.00409 U	0.00402 U	0.00406 U	0.00371 U	0.00408 U	0.00231 J
PYRENE	0.0856	0.00245 J	0.0114	0.00275 J	0.00327 J	0.00683 J	0.0122	0.00371 U	0.00408 J	0.00269 J

TABLE 4-3

POST-INTERIM MEASURES PAH AND BaP EQUIVALENT CONCENTRATIONS IN SOIL  
 EAST TRAP RANGE  
 UXO 7 INTERIM MEASURES REPORT  
 NSA CRANE, INDIANA  
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LOCATION	X7-SB546		X7-ETR1-AA-	X7-ETR1-A-SOCF	X7-ETR1-BA-	X7-ETR2-AA-	X7-ETR2-AB-	X7-ETR2-A-SOCF	X7-ETR2-BA-	X7-ETR2-CA-	X7-ETR2-DA-	X7-ETR2-EA-
SAMPLE ID	X7-SS546-0001	X7-SS546-0102	X7-ETR1-AA-	X7-ETR1-A-	X7-ETR1-BA-	X7-ETR2-AA-	X7-ETR2-AB-	X7-ETR2-A-	X7-ETR2-BA-	X7-ETR2-CA-	X7-ETR2-DA-	X7-ETR2-EA-
SAMPLE DATE	20121003	20121003	20140313	20140313	20140313	20140313	20140313	20140313	20140313	20140313	20140313	20140314
SAMPLE CODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
SAMPLE TYPE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SUBMATRIX	SS	SS	SS	NA	SS	SS	SS	NA	SS	SS	SS	SS
TOP DEPTH	0	1	0	-9999	0	1	1	-9999	0	0	0	0
BOTTOM DEPTH	1	2	1	-9999	1	2	2	-9999	2	2	2	2

**POLYCYCLIC AROMATIC  
 HYDROCARBONS (MG/KG)**

1-METHYLNAPHTHALENE	0.00408 U	0.00402 U	NA									
2-METHYLNAPHTHALENE	0.00408 U	0.00402 U	0.0042 U	0.0041 U	0.0043 U	0.0042 U	0.0041 U	0.004 U	0.0043 U	0.0041 U	0.0042 U	0.0042 U
ACENAPHTHENE	0.00408 U	0.00402 U	0.0042 U	0.0041 U	0.0043 U	0.0042 U	0.0041 U	0.004 U	0.0043 U	0.0041 U	0.0042 U	0.0042 U
ACENAPHTHYLENE			0.0042 U	0.0041 U	0.0043 U	0.0042 U	0.0041 U	0.004 U	0.0043 U	0.0041 U	0.0042 U	0.0042 U
ANTHRACENE	0.00408 U	0.00402 U	0.0042 U	0.0041 U	0.0043 U	0.0042 U	0.0041 U	0.004 U	0.0043 U	0.0041 U	0.0048 J	0.0042 U
BAP EQUIVALENT-HALFND	0.0281869	0.00402 U	0.014084	0.075801	0.013792	0.058862	0.038623	0.01714	0.0448	0.058268	0.134874	0.035061
BENZO(A)ANTHRACENE	0.0184	0.00402 U	0.0083 J	0.046	0.0087	0.037	0.041	0.01	0.024	0.031	0.077	0.042
BENZO(A)PYRENE	0.02	0.00402 U	0.0097	0.053	0.0092	0.042	0.016	0.012	0.031	0.043	0.094	0.016
BENZO(B)FLUORANTHENE	0.0298	0.00402 U	0.012	0.07	0.013	0.05	0.069	0.016	0.04	0.055	0.13	0.07
BENZO(G,H,I)PERYLENE	0.0147	0.00402 U	0.0042 U	0.024	0.0043 U	0.017	0.03	0.0054 J	0.019	0.014	0.047	0.021
BENZO(K)FLUORANTHENE	0.00898	0.00402 U	0.0035 J	0.025	0.0047 J	0.022	0.027	0.0068 J	0.017	0.023	0.058	0.031
CHRYSENE	0.0171	0.00402 U	0.0091	0.051	0.0098	0.042	0.053	0.012	0.03	0.038	0.094	0.051
DIBENZO(A,H)ANTHRACENE	0.00204 J	0.00402 U	0.0042 U	0.0089	0.0043 U	0.0066 J	0.0082 J	0.004 U	0.0054 J	0.0049 J	0.015	0.0053 J
FLUORANTHENE	0.0167	0.00402 U	0.0085 J	0.053	0.011	0.041	0.048	0.013	0.025	0.034	0.096	0.046
FLUORENE	0.00408 U	0.00402 U	0.0042 U	0.0041 U	0.0043 U	0.0042 U	0.0041 U	0.004 U	0.0043 U	0.0041 U	0.0042 U	0.0042 U
INDENO(1,2,3-CD)PYRENE	0.0122	0.00402 U	0.0042 U	0.02	0.0043 U	0.013	0.031	0.0046 J	0.018	0.015	0.045	0.022
NAPHTHALENE	0.00245 U	0.00241 U	0.0042 U	0.0041 U	0.0043 U	0.0042 U	0.0041 U	0.004 U	0.0043 U	0.0041 U	0.0042 U	0.0042 U
PHENANTHRENE	0.00326 J	0.00402 U	0.0042 U	0.012	0.0043 U	0.008 J	0.01	0.0034 J	0.0057 J	0.0084	0.02	0.013
PYRENE	0.0163	0.00402 U	0.0073 J	0.049	0.01	0.041	0.047	0.012	0.028	0.03	0.087	0.051

TABLE 4-3

POST-INTERIM MEASURES PAH AND BaP EQUIVALENT CONCENTRATIONS IN SOIL  
EAST TRAP RANGE  
UXO 7 INTERIM MEASURES REPORT  
NSA CRANE, INDIANA  
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LOCATION	X7-ETR2-FA- X7-ETR2-FA- 20140313	X7-ETR3-AA- X7-ETR3-AA- 20140313	X7-ETR3-A-SOCF X7-ETR3-A- 20140313	X7-ETR3-CA-SOCW		X7-ETR3-DA-SOCW		X7-ETR3-EA-SOCW		X7-ETR3-FA- X7-ETR3-FA- 20140313	X7-ETR4-AA- X7-ETR4-AA- 20140305	X7-ETR4-A-SOCF X7-ETR4-A- 20140305	X7-ETR4-BA- X7-ETR4-BA- 20140305
SAMPLE ID	NORMAL	ORIG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	NORMAL
SAMPLE DATE	20140313	20140313	20140313	20140313	20140313	20140313	20140313	20140313	20140313	20140313	20140305	20140305	20140305
SAMPLE CODE	NORMAL	ORIG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	NORMAL
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
SAMPLE TYPE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SUBMATRIX	SS	SB	NA	SS	SB	SS	SB	SS	SB	SB	SS	NA	SS
TOP DEPTH	0	2	-9999	1	2	1	2	0	2	2	0	-9999	0
BOTTOM DEPTH	2	4	-9999	2	4	2	4	2	4	4	1	-9999	1

**POLYCYCLIC AROMATIC  
HYDROCARBONS (MG/KG)**

	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-METHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-METHYLNAPHTHALENE	0.0041 U	0.004 U	0.0043 U	0.0041 U	0.0041 U	0.0041 U	0.004 U	0.0042 U	0.0043 U	0.0039 U	0.0046 U	0.0042 U	0.0044 U
ACENAPHTHENE	0.0041 U	0.004 U	0.0043 U	0.0041 U	0.0041 U	0.0041 U	0.004 U	0.0042 U	0.0043 U	0.0039 U	0.0046 U	0.0061 J	0.0044 U
ACENAPHTHYLENE	0.0041 U	0.004 U	0.0043 U	0.0041 U	0.0041 U	0.0041 U	0.004 U	0.0042 U	0.0043 U	0.0039 U	0.0046 U	0.0042 U	0.0044 U
ANTHRACENE	0.0041 U	0.004 U	0.0043 U	0.0042 J	0.0041 U	0.0041 U	0.004 U	0.0042 U	0.0043 U	0.0039 U	0.0046 U	0.0082 J	0.0044 U
BAP EQUIVALENT-HALFND	0.01158	0.004822	0.0043 U	0.152159	0.009457	0.059029	0.004 U	0.018389	0.0043 U	0.004156	0.0026 U	0.004802	0.0036 U
BENZO(A)ANTHRACENE	0.0066 J	0.004 U	0.0043 U	0.081	0.0049 J	0.034	0.004 U	0.012	0.0043 U	0.0039 U	0.0046 U	0.0045 J	0.0044 U
BENZO(A)PYRENE	0.0076 J	0.0022 J	0.0043 U	0.11	0.0059 J	0.042	0.004 U	0.013	0.0043 U	0.0016 J	0.0026 U	0.0036 U	0.0036 U
BENZO(B)FLUORANTHENE	0.01	0.004 U	0.0043 U	0.13	0.0077 J	0.056	0.004 U	0.018	0.0043 U	0.0039 U	0.0046 U	0.0042 U	0.0044 U
BENZO(G,H,I)PERYLENE	0.0041 U	0.004 U	0.0043 U	0.048	0.0041 U	0.017	0.004 U	0.0049 J	0.0043 U	0.0039 U	0.0046 U	0.0042 U	0.0044 U
BENZO(K)FLUORANTHENE	0.0058 J	0.004 U	0.0043 U	0.066	0.0036 J	0.019	0.004 U	0.0066 J	0.0043 U	0.0039 U	0.0028 U	0.0028 J	0.0027 U
CHRYSENE	0.0074 J	0.004 U	0.0043 U	0.099	0.0055 J	0.039	0.004 U	0.013	0.0043 U	0.0039 U	0.0046 U	0.0044 J	0.0044 U
DIBENZO(A,H)ANTHRACENE	0.0041 U	0.004 U	0.0043 U	0.016	0.0041 U	0.0063 J	0.004 U	0.0042 U	0.0043 U	0.0039 U	0.0046 U	0.0042 U	0.0044 U
FLUORANTHENE	0.0098	0.004 U	0.0043 U	0.1	0.0064 J	0.046	0.004 U	0.02	0.0043 U	0.0039 U	0.0046 U	0.0072 J	0.0049 J
FLUORENE	0.0041 U	0.004 U	0.0043 U	0.0041 U	0.0041 U	0.0041 U	0.004 U	0.0042 U	0.0043 U	0.0039 U	0.0046 U	0.01	0.0044 U
INDENO(1,2,3-CD)PYRENE	0.0041 U	0.004 U	0.0043 U	0.043	0.0041 U	0.015	0.004 U	0.0042 U	0.0043 U	0.0039 U	0.0046 U	0.0042 U	0.0044 U
NAPHTHALENE	0.0041 U	0.004 U	0.0043 U	0.0041 U	0.0041 U	0.0041 U	0.004 U	0.0042 U	0.0043 U	0.0039 U	0.0046 U	0.0042 U	0.0044 U
PHENANTHRENE	0.0041 U	0.004 U	0.0043 U	0.02	0.0041 U	0.011	0.004 U	0.0097	0.0043 U	0.0039 U	0.0033 U	0.0083 J	0.0032 U
PYRENE	0.0086	0.004 U	0.0043 U	0.095	0.0058 J	0.042	0.004 U	0.017	0.0043 U	0.0051 J	0.0046 U	0.0062 J	0.0044 U

TABLE 4-3

POST-INTERIM MEASURES PAH AND BaP EQUIVALENT CONCENTRATIONS IN SOIL  
 EAST TRAP RANGE  
 UXO 7 INTERIM MEASURES REPORT  
 NSA CRANE, INDIANA  
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LOCATION	X7-ETR4-CA-	X7-ETR5-AA-	X7-ETR5-A-SOCF	X7-ETR5-BA-	X7-ETR5-CA-	X7-ETR5-DA-	X7-ETR6-AA-	X7-ETR6-A-SOCF	X7-ETR6-BA-	X7-ETR6-B-SOCF	X7-ETR6-CA-	X7-ETR6-DA-	X7-ETR6-EA-
SAMPLE ID	X7-ETR4-CA-	X7-ETR5-AA-	X7-ETR5-A-	X7-ETR5-BA-	X7-ETR5-CA-	X7-ETR5-DA-	X7-ETR6-AA-	X7-ETR6-A-	X7-ETR6-BA-	X7-ETR6-B-	X7-ETR6-CA-	X7-ETR6-DA-	X7-ETR6-EA-
SAMPLE DATE	20140305	20140305	20140305	20140305	20140305	20140305	20140314	20140314	20140313	20140314	20140313	20140313	20140313
SAMPLE CODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	NORMAL	NORMAL
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
SAMPLE TYPE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SUBMATRIX	SS	SS	NA	SS	SS	SS	SS	NA	SS	NA	SS	SS	SS
TOP DEPTH	0	0	-9999	0	0	0	0	-9999	0	-9999	0	0	0
BOTTOM DEPTH	1	2	-9999	2	2	2	2	-9999	2	-9999	2	2	2

**POLYCYCLIC AROMATIC  
 HYDROCARBONS (MG/KG)**

1-METHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-METHYLNAPHTHALENE	0.0042 U	0.0044 U	0.0042 U	0.0049 J	0.0045 U	0.0044 U	0.041 U	0.004 U	0.004 U	0.0043 U	0.004 U	0.0041 U	0.0043 U
ACENAPHTHENE	0.0042 U	0.0044 U	0.0042 U	0.0053 J	0.0045 U	0.0044 U	0.041 U	0.004 U	0.004 U	0.0043 U	0.004 U	0.0041 U	0.0043 U
ACENAPHTHYLENE	0.0042 U	0.0044 U	0.0042 U	0.0052 J	0.0045 U	0.0044 U	0.041 U	0.004 U	0.004 U	0.0043 U	0.004 U	0.0041 U	0.0043 U
ANTHRACENE	0.0042 U	0.0044 U	0.0042 U	0.011	0.0045 U	0.0044 U	0.041 U	0.004 U	0.004 U	0.0043 U	0.0062 J	0.0041 U	0.0043 U
BAP EQUIVALENT-HALFND	0.007185	0.007786	0.0018 U	0.0019 U	0.006316	0.0035 U	0.015 U	0.007877	0.021305	0.0016 U	0.147726	0.017174	0.007606
BENZO(A)ANTHRACENE	0.0066 J	0.0062 J	0.0042 U	0.0044 U	0.0045 U	0.0044 U	0.041 U	0.0046 J	0.014	0.0043 U	0.087 J	0.011	0.0043 U
BENZO(A)PYRENE	0.0074 U	0.0074 U	0.0018 U	0.0019 U	0.0053 U	0.0035 U	0.015 U	0.0045 J	0.015	0.0016 U	0.1 J	0.012	0.0045 J
BENZO(B)FLUORANTHENE	0.0094 U	0.01	0.0042 U	0.0044 U	0.0095	0.0044 U	0.041 U	0.0068 J	0.024	0.0043 U	0.13 J	0.015	0.005 J
BENZO(G,H,I)PERYLENE	0.0042 U	0.0044 U	0.0042 U	0.0044 U	0.0045 U	0.0044 U	0.041 U	0.004 U	0.0049 J	0.0043 U	0.064 J	0.0059 J	0.0043 U
BENZO(K)FLUORANTHENE	0.0038 J	0.0039 J	0.0025 U	0.0027 U	0.0027 U	0.0026 U	0.025 U	0.0032 J	0.0089	0.0026 U	0.063 J	0.0081 J	0.0043 U
CHRYSENE	0.0069 J	0.0074 J	0.0042 U	0.0044 U	0.0045 U	0.0044 U	0.041 U	0.0053 J	0.016	0.0043 U	0.096 J	0.013	0.0043 J
DIBENZO(A,H)ANTHRACENE	0.0042 U	0.0044 U	0.0042 U	0.0044 U	0.0045 U	0.0044 U	0.041 U	0.004 U	0.004 U	0.0043 U	0.02	0.0041 U	0.0043 U
FLUORANTHENE	0.0086	0.0072 J	0.0042 U	0.0051 J	0.0045 U	0.0044 J	0.041 U	0.0045 J	0.016	0.0043 U	0.11 J	0.015	0.0045 J
FLUORENE	0.0042 U	0.0044 U	0.0042 U	0.012	0.0045 U	0.0044 U	0.041 U	0.004 U	0.004 U	0.0043 U	0.004 U	0.0041 U	0.0043 U
INDENO(1,2,3-CD)PYRENE	0.0042 U	0.0044 U	0.0042 U	0.0044 U	0.0045 U	0.0044 U	0.041 U	0.004 U	0.004 J	0.0043 U	0.053 J	0.0043 J	0.0043 U
NAPHTHALENE	0.0042 U	0.0044 U	0.0042 U	0.0044 U	0.0045 U	0.0044 U	0.041 U	0.004 U	0.004 U	0.0043 U	0.004 U	0.0064 J	0.0043 U
PHENANTHRENE	0.0051 J	0.0032 U	0.0031 U	0.0094	0.0033 U	0.004 J	0.03 U	0.0029 U	0.0048 J	0.0031 U	0.029 J	0.0066 J	0.0043 U
PYRENE	0.0078 J	0.0067 J	0.0042 U	0.0044 U	0.0045 U	0.0044 U	0.041 U	0.0053 J	0.015	0.0043 U	0.085 J	0.015	0.0074 J

TABLE 4-3

POST-INTERIM MEASURES PAH AND BaP EQUIVALENT CONCENTRATIONS IN SOIL  
EAST TRAP RANGE  
UXO 7 INTERIM MEASURES REPORT  
NSA CRANE, INDIANA  
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LOCATION	X7-ETR6-FA- X7-ETR6-FA- 20140313	X7-ETR6-GA- X7-ETR6-GA- 20140313	X7-ETR6-HA- X7-ETR6-HA- 20140314	X7-ETR6-IA- X7-ETR6-IA- 20140314	X7-ETR6-JA- X7-ETR6-JA- 20140314	X7-ETR7-AA-SOCW		X7-ETR7-BA- X7-ETR7-BA- 20140314	X7-ETR7-CA- X7-ETR7-CA- 20140314	X7-ETR7-DA- X7-ETR7-DA- 20140314	X7-ETR7-A-SOCF X7-ETR7-A-SOCF001 20140318
SAMPLE ID	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	20140313	20140313	20140314	20140314	20140314	20140313	20140314	20140314	20140314	20140314	20140318
SAMPLE CODE	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
MATRIX	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE TYPE	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS
SUBMATRIX	0	0	0	0	0	0	2	2	2	2	-9999
TOP DEPTH	2	2	2	2	2	2	4	4	4	4	-9999
BOTTOM DEPTH											

**POLYCYCLIC AROMATIC  
HYDROCARBONS (MG/KG)**

	NA										
1-METHYLNAPHTHALENE	NA										
2-METHYLNAPHTHALENE	0.0042 U	0.0043 U	0.0042 U	0.0041 U	0.004 U	0.0041 U	0.004 U	0.0042 U	0.0041 U	0.0041 U	0.0043 U
ACENAPHTHENE	0.0086	0.0043 U	0.0051 J	0.0041 U	0.004 U	0.0041 U	0.004 U	0.0042 U	0.0041 U	0.0041 U	0.0043 U
ACENAPHTHYLENE	0.0042 U	0.0043 U	0.0042 U	0.0041 U	0.004 U	0.0041 U	0.004 U	0.0042 U	0.0041 U	0.0041 U	0.0043 U
ANTHRACENE	0.016	0.0043 U	0.0042 U	0.0041 U	0.004 UJ	0.0041 U	0.004 U	0.0042 U	0.0041 U	0.0041 U	0.0043 U
BAP EQUIVALENT-HALFND	0.42967	0.042876	0.110847	0.02943	0.006196	0.030407	0.0015 U	0.01702	0.0015 U	0.0015 U	0.004854
BENZO(A)ANTHRACENE	0.23	0.025	0.054	0.015	0.004 U	0.018	0.004 U	0.0092	0.0041 U	0.0041 U	0.0043 U
BENZO(A)PYRENE	0.29	0.029	0.08	0.022	0.0033 J	0.02	0.0015 U	0.012	0.0015 U	0.0015 U	0.0018 J
BENZO(B)FLUORANTHENE	0.38	0.038	0.11	0.03	0.0048 J	0.026 J	0.004 U	0.017	0.0041 U	0.0041 U	0.0045 J
BENZO(G,H,I)PERYLENE	0.19	0.017	0.032	0.0088	0.004 U	0.012	0.004 U	0.0042 J	0.0041 U	0.0041 U	0.0043 U
BENZO(K)FLUORANTHENE	0.14	0.015	0.038	0.012	0.0024 U	0.0089	0.0025 U	0.0079 J	0.0025 U	0.0025 U	0.0043 U
CHRYSENE	0.27	0.026	0.067	0.02	0.0041 J	0.018	0.004 U	0.011	0.0041 U	0.0041 U	0.0043 U
DIBENZO(A,H)ANTHRACENE	0.06	0.0059 J	0.011	0.0041 U	0.004 U	0.0047 J	0.004 U	0.0042 U	0.0041 U	0.0041 U	0.0043 U
FLUORANTHENE	0.33	0.028	0.053	0.015	0.0047 J	0.018	0.004 U	0.011	0.0041 U	0.0041 U	0.0043 U
FLUORENE	0.0055 J	0.0043 U	0.0042 U	0.0041 U	0.004 U	0.0041 U	0.004 U	0.0042 U	0.0041 U	0.0041 U	0.0043 U
INDENO(1,2,3-CD)PYRENE	0.17	0.015	0.03	0.0074 J	0.004 UJ	0.012	0.004 U	0.0042 U	0.0041 U	0.0041 U	0.0043 U
NAPHTHALENE	0.0065 J	0.0043 U	0.0042 U	0.0041 U	0.004 U	0.0041 U	0.004 U	0.0042 U	0.0041 U	0.0041 U	0.0043 U
PHENANTHRENE	0.079	0.0053 J	0.012	0.0043 J	0.0029 U	0.0034 J	0.0029 U	0.0031 U	0.003 U	0.003 U	0.0043 U
PYRENE	0.26	0.025	0.064	0.017	0.0049 J	0.018 J	0.004 U	0.012	0.0041 U	0.0041 U	0.0043 U

J = Estimated value  
U = Non-detection

## 5.0 CONCLUSIONS AND RECOMMENDATIONS

The IM activities described in this report were completed in accordance with the USEPA Region 5 - approved Interim Measures Work Plan (Tetra Tech, 2013). Both objectives of the interim measures were fully achieved. Soils (surface and subsurface) presenting potentially unacceptable risk due to lead concentrations from expended small ammunition contamination were excavated and removed from three primary areas. The soils were excavated until confirmation sampling confirmed the remaining soil lead contamination level was below 400 mg/kg lead for human health or an average lead concentration of less than 191 mg/kg for ecological. The soil removals in the East and West Trap Ranges focused on the removal of range soil with PAH contamination (expressed as BaP equivalents) from skeet fragments with potentially unacceptable cancer risk above  $1 \times 10^{-4}$  in order to reduce the overall trap range soil risk to an acceptable value between  $1 \times 10^{-5}$  to  $1 \times 10^{-6}$  excess cancer risk.

Excavations were generally completed as described in the approved plan (Tetra Tech, 2013), but there were instances when the XRF field screening data on soil lead concentrations or the laboratory soil confirmation samples for lead or PAHs indicated additional soil volumes required excavation to achieve lower contaminant concentrations and reduce receptor exposure risks.

The excavations included removal and offsite disposal of 6,560 tons of surface and subsurface soil from UXO 7. This offsite soil removal and disposal included 1,463 tons of non-hazardous PAH-contaminated soil, 4,714 tons of non-hazardous lead-contaminated soil, and 383 tons of hazardous lead-contaminated soil, as described in Section 3.0 of this report.

As presented in Section 4.0 of this report, the removal of the former small arms range soil containing lead concentrations above the MCG and the excavation and removal of former trap range soil containing PAH (as BaP equivalents) with unacceptable cancer risk above  $1 \times 10^{-4}$  has eliminated unacceptable receptor exposure risks for the former small arms range areas at UXO 7. Ecological risks have been reduced to acceptable levels. Excess cancer risks due to PAH compounds in the soil have been mitigated.

Therefore, no further action (NFA) is recommended for soils at UXO 7 and UXO 7 is releasable for unlimited use and unrestricted exposure.

## 6.0 REFERENCES

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**APPENDIX A**

**INTERIM MEASURES PHOTOGRAPHS**

## APPENDIX A – UXO 7 INTERIM MEASURES PHOTOGRAPHS



<b>Date:</b> 02/19/14	<b>View:</b> North	<b>Photographer:</b> K. Losekamp
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Berm Area with survey nodes and excavation boundaries marked with spray paint.



<b>Date:</b> 02/19/14	<b>View:</b> West	<b>Photographer:</b> K. Losekamp
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Berm Area with survey nodes and excavation boundaries marked with spray paint.



<b>Date:</b> 02/20/14	<b>View:</b> North	<b>Photographer:</b> K. Losekamp
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Dirt mound area after excavation to grade.



<b>Date:</b> 02/20/14	<b>View:</b> North	<b>Photographer:</b> K. Losekamp
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Gravel haul road constructed to direct fill trucks in the Berm Area.

## APPENDIX A – UXO 7 INTERIM MEASURES PHOTOGRAPHS



<b>Date:</b> 02/25/14	<b>View:</b> East	<b>Photographer:</b> K. Losekamp
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Excavation initiated in the Berm Area.



<b>Date:</b> 02/25/14	<b>View:</b> Northwest	<b>Photographer:</b> K. Losekamp
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Active excavation in BA-8.



<b>Date:</b> 02/26/14	<b>View:</b> South	<b>Photographer:</b> K. Losekamp
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Measuring a 2 foot step out from wall AA in BA-8 excavation area.



<b>Date:</b> 02/26/14	<b>View:</b> West	<b>Photographer:</b> K. Losekamp
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Collecting a confirmation sample from wall BB in area BA-8.

## APPENDIX A – UXO 7 INTERIM MEASURES PHOTOGRAPHS



<b>Date:</b> 02/26/14	<b>View:</b> Down	<b>Photographer:</b> K. Losekamp
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Crane Radiation Safety Officer Kevin Tschaenn checking UXO 7 soil for radiation.



<b>Date:</b> 02/26/14	<b>View:</b> West	<b>Photographer:</b> K. Losekamp
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Step out from wall AA in area BA-8. Only the top 2 feet of the wall was excavated as shown by the orange marking on the wall.



<b>Date:</b> 02/28/14	<b>View:</b> North	<b>Photographer:</b> K. Losekamp
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Areas BA-10, DA-1, and DA-2 completed with caution tape surrounding the open excavation.



<b>Date:</b> 02/28/14	<b>View:</b> South	<b>Photographer:</b> K. Losekamp
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Excavation area BA-8 wall CA step out 2 feet by 2 feet.

## APPENDIX A – UXO 7 INTERIM MEASURES PHOTOGRAPHS



<b>Date:</b> 02/28/14	<b>View:</b> Northwest	<b>Photographer:</b> K. Losekamp
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Enviroblend mixed into the BA-6 soil.



<b>Date:</b> 03/04/14	<b>View:</b> Down	<b>Photographer:</b> K. Losekamp
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Thick ice within the DA-1 excavation.



<b>Date:</b> 03/05/14	<b>View:</b> East	<b>Photographer:</b> K. Losekamp
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Active loading of East Trap Range soil into a small track truck for staging.



<b>Date:</b> 03/05/14	<b>View:</b> Down	<b>Photographer:</b> K. Losekamp
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XRF set-up in the Crane trailer.

## APPENDIX A – UXO 7 INTERIM MEASURES PHOTOGRAPHS



<b>Date:</b> 03/06/14	<b>View:</b> West	<b>Photographer:</b> K. Losekamp
Open East Trap range excavation.		



<b>Date:</b> 03/06/14	<b>View:</b> South	<b>Photographer:</b> K. Losekamp
Measuring excavation depth at 5 feet in BA-4 excavation.		



<b>Date:</b> 03/06/14	<b>View:</b> South	<b>Photographer:</b> K. Losekamp
Open Berm Area excavation. BA-8 and BA-4 are shown.		



<b>Date:</b> 03/10/14	<b>View:</b> North	<b>Photographer:</b> K. Losekamp
Actively adding Enviroblend to the BA-4 soil.		

## APPENDIX A – UXO 7 INTERIM MEASURES PHOTOGRAPHS



<b>Date:</b> 03/11/14	<b>View:</b> Down	<b>Photographer:</b> K. Losekamp
A bullet and copper jacket within the wall of BA-4 wall CA.		



<b>Date:</b> 03/11/14	<b>View:</b> Northeast	<b>Photographer:</b> K. Losekamp
Active backfilling of BA-10.		

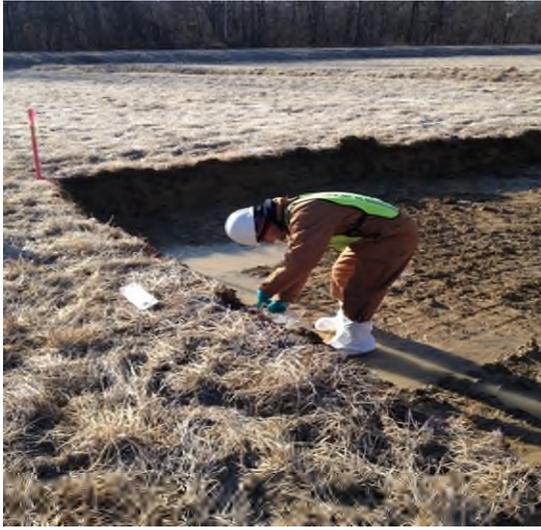


<b>Date:</b> 03/11/14	<b>View:</b> Down	<b>Photographer:</b> K. Losekamp
Sample collection from test pit 1.		



<b>Date:</b> 03/12/14	<b>View:</b> South	<b>Photographer:</b> K. Losekamp
Active backfilling within the Berm Area.		

## APPENDIX A – UXO 7 INTERIM MEASURES PHOTOGRAPHS



<b>Date:</b> 03/13/14	<b>View:</b> East	<b>Photographer:</b> K. Losekamp
Sample collection in the East Trap Range excavation.		



<b>Date:</b> 03/13/14	<b>View:</b> Down	<b>Photographer:</b> K. Losekamp
A large piece of clay target in the East Trap Range with a quarter for scale.		



<b>Date:</b> 03/14/14	<b>View:</b> East	<b>Photographer:</b> K. Losekamp
Trucks leaving the scale house.		



<b>Date:</b> 03/14/14	<b>View:</b> West	<b>Photographer:</b> K. Losekamp
Gravel access road to West Trap Range excavation.		

## APPENDIX A – UXO 7 INTERIM MEASURES PHOTOGRAPHS



<b>Date:</b> 03/19/14	<b>View:</b> South	<b>Photographer:</b> K. Losekamp
Large step out marked with yellow paint for Berm areas BA-8, BA-5, and BA-4.		



<b>Date:</b> 04/01/14	<b>View:</b> West	<b>Photographer:</b> K. Losekamp
Four foot step out on BA-6 wall AA with backfill sand in BA-6.		



<b>Date:</b> 04/02/14	<b>View:</b> South	<b>Photographer:</b> K. Losekamp
Stockpiled soil covered by multiple tarps for rain and wind protection.		



<b>Date:</b> 04/22/14	<b>View:</b> East	<b>Photographer:</b> K. Losekamp
Berm Area completely backfilled and graded.		

## APPENDIX A – UXO 7 INTERIM MEASURES PHOTOGRAPHS



<b>Date:</b> 4/22/14	<b>View:</b> east	<b>Photographer:</b> K. Losekamp
East Trap Range completely backfilled and graded.		



<b>Date:</b> 4/22/14	<b>View:</b> West	<b>Photographer:</b> K. Losekamp
West Trap Range completely backfilled and graded with seed and straw.		



<b>Date:</b> 4/22/14	<b>View:</b> South	<b>Photographer:</b> K. Losekamp
HCI actively applying seed and straw to the West Trap Range.		



<b>Date:</b> 4/22/14	<b>View:</b> East	<b>Photographer:</b> K. Losekamp
Footprint of soil stock piles. Green dashed lines represent the extent of the pile's footprint.		

## APPENDIX A – UXO 7 INTERIM MEASURES PHOTOGRAPHS



<b>Date:</b> 9/4/14	<b>View:</b> East	<b>Photographer:</b> J. Goerd
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Former 400-yard berm (center) after seed germination.



<b>Date:</b> 9/4/14	<b>View:</b> East	<b>Photographer:</b> J. Goerd
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Former East Trap Range on south side of drainage channel (ETR-1 through 5) after seed germination.



<b>Date:</b> 9/4/14	<b>View:</b> Northeast	<b>Photographer:</b> J. Goerd
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Former East Trap Range on north side of drainage channel (ETR-6 and 7) after seed germination.



<b>Date:</b> 9/4/14	<b>View:</b> West	<b>Photographer:</b> J. Goerd
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Former West Trap Range after seed germination.

**APPENDIX B**

**EMAC CONTRACTOR DAILY REPORTS**

<b>CONTRACTOR PRODUCTION REPORT</b> <small>(ATTACH ADDITIONAL SHEETS IF NECESSARY)</small>				DATE	19/02/2014		
CONTRACT NO <b>N40083-11-D-0032-0007</b>		TITLE AND LOCATION <b>UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana</b>		REPORT NO	001		
CONTRACTOR <b>VRHabilis-KEMRON, LLC</b>			SUPERINTENDENT <b>Joel Morales-Visbal</b>				
AM WEATHER <p style="text-align: center;">Cloudy</p>		PM WEATHER <p style="text-align: center;">Sunny</p>		MAX TEMP (F)	49		
				MIN TEMP (F)	38		
WORK PERFORMED TODAY							
Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS		
	Old Rifle Range Dirt Mound / Project Oversight	Kemron	1	Superintendent	10		
	Old Rifle Range Dirt Mound / Project Safety and Oversight	VRHabilis	1	SSHO/QC Specialist	10		
	Old Rifle Range Dirt Mound	VRHabilis	3	Equipment Operator / Labor	30		
	Old Rifle Range Dirt Mound / Project Safety and Oversight	Kemron	2	Project Manager / Scientist	20		
<b>JOB SAFETY</b>		WAS A JOB SAFETY MEETING HELD THIS DATE? <small>(If YES attach copy of the meeting minutes)</small>		<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	70
		WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <small>(If YES attach copy of completed OSHA report)</small>		<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	56
		WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? <small>(If YES attach statement or checklist showing inspection performed.)</small>		<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION	126
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? <small>(If YES attach description of incident and proposed action.)</small>		<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO				
Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED				<input checked="" type="checkbox"/> SAFETY REQUIREMENTS HAVE BEEN MET.		
	Conducted site safety inspection (eye wash/fire ext/First Aid Kid)						
	Site Control established						
	Site safety Metting (excavation)						
EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)							
Schedule Activity No.	Submittal #	Description of Equipment/Material Received					
		3 loads (62.82 tons) of #2 Rock – Ben Quarry					
CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.							
Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used				
	Certified Rent	Komatsu PC 138 US LC Excavator	2				
	VRHabilis	John Deer 50D Mini Excavator	1				
	McAllister	Cat 296 2 Skid Steer	4				
Schedule Activity No.	REMARKS						
	Initial site set up and Contract required pre-construction meeting preformed on 18 Feb 2014. Hours will be reflected in previous hours and total hours for site						
	Team held initial site safety brief and operation walk through						
	Access lanes built using three loads of #2 stone and Geo fabric to Cell BA 1. Subcontractor Surveyors ( BRG Civil) on site to set topo elevations.						
	Loaded 3 trucks from Cell DM 1. Total disposed at Rumpke Landfill are: 62.33 tons						
				Feb 25, 2013			
		CONTRACTOR/SUPERINTENDENT		DATE			

# CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 21/02/2014  
 REPORT NO 003

PHASE CONTRACT NO N40083-11-D-0032-0007 CONTRACT TITLE UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana

**PREPARATORY**

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES  NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

**INITIAL**

WAS INITIAL PHASE WORK PREFORMED TODAY? YES  NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #
	N/A	

**FOLLOW-UP**

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES  NO

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES  NO

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
	Continued intrusive work on Cell BA1. Road and ground conditions stopped Trucking activities for the day after five trucks. Will let dry over weekend and resume ops.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description
	N/A		

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.	
Schedule Activity No.	Description



21/02/2014  
 AUTHORIZED QC MANAGER AT SITE DATE

## GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT	
Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER DATE

**DAILY SAFETY MEETING**

Project Name: UXO 7

Date: 2/21/2014

Location: CRANE, IN

Presented by: P. Patton

**Check the Topics/Information Reviewed:**

- Daily work scope reviewed
- safety is everyone=s responsibility
- site health and safety plan reviewed
- safety glasses, hard hat, safety boots
- employee Right-To- Know/MSDS location
- vehicle safety and driving/road conditions
- hazard analysis for all tasks or new technology
- chemical hazards
- first aid, safety, and PPE location
- sharp object, rebar, and scrap metal hazards
- latex gloves inner/nitrile gloves outer
- open pits, excavations, and trenching hazards
- excavation/trenching inspections/documentation
- full face respirators with proper cartridges
- upgrade to Level C at: \_\_\_\_\_
- work stoppage at: \_\_\_\_\_
- portable tool safety and awareness
- slips, trips, and falls
- strains and sprains
- anticipated visitors
- electrical ground fault
- public safety and fences
- excavator swing and loading
- orderly site and housekeeping
- smoking in designated areas
- leather gloves for protection
- effects of the night before? Rain or snow?
- vibration related injuries
- noise hazards
- confined space entry
- hot work permits
- overhead utility locations cleared?
- all underground utilities cleared?
- equipment and machinery familiarization
- fire extinguisher locations
- eye wash station locations
- directions to hospital
- heat and cold stress
- decontamination steps
- review emergency protocol
- parking and laydown area
- vehicle backing up hazards
- accidents can be costly
- no horse play
- dust and vapor control
- refueling procedures
- flying debris hazards
- poison ivy/oak/sumac

**Other Discussion Items/Comments/Follow-up Actions:**

NAME (PRINT)
<u>David Patton</u>
<u>Jeel Morales</u>
<u>PHIL BARR</u>
<u>Larry Emerson</u>
<u>Ryan Lane</u>
<u>RON MADDEN</u>
<u>Rick Yetman</u>
_____

NAME (SIGNATURE)
<u>[Signature]</u>
_____

COMPANY
<u>VRH</u>
<u>Kemron</u>
<u>VRH</u>
<u>KEMRON</u>
<u>Kemron</u>
<u>VRH</u>
<u>VRH</u>
_____

UX07 Old Rifle Range Contractor Daily Report Photographs 21 Feb 2014



Load out of Cell BA1 looking from east to west



Dressing bottom of Cell BA1 looking Northeast



Attempting road repair in mud. Looking west



Unloading gravel from truck south of Cell BA 1



Covered area dug out of Cell BA 1. Looking West



Unloading supplies for erosion control

<b>CONTRACTOR PRODUCTION REPORT</b> <small>(ATTACH ADDITIONAL SHEETS IF NECESSARY)</small>				DATE 20/02/2014			
CONTRACT NO N40083-11-D-0032-0007		TITLE AND LOCATION UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana		REPORT NO 002			
CONTRACTOR VRHabilis-KEMRON, LLC			SUPERINTENDENT Joel Morales-Visbal				
AM WEATHER Cloudy		PM WEATHER light intermittent rain		MAX TEMP (F) 67	MIN TEMP (F) 48		
WORK PERFORMED TODAY							
Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS		
	Old Rifle Range Dirt Mound/ Project Oversight	Kemron	1	Superintendent	10		
	Old Rifle Range Dirt Mound/ Project Safety and Oversight	VRHabilis	1	SSHO/QC Specialist	10		
	Old Rifle Range Dirt Mound	VRHabilis	3	Equipment Operator / Labor	27		
	Old Rifle Range Dirt Mound/ Project Safety and Oversight	Kemron	2	Project Manager / Scientist	20		
<b>JOB SAFETY</b>		WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)		<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	67
		WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)		<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	126
		WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)		<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION	193
		WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)		<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO		
Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED				<input checked="" type="checkbox"/> SAFETY REQUIREMENTS HAVE BEEN MET.		
	Conducted site safety inspection (eye wash/fire ext/First Aid Kid)						
	Site Control established						
	Site safety Meeting (excavation)						
EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)							
Schedule Activity No.	Submittal #	Description of Equipment/Material Received					
		2 loads (44.26 tons) of #2 Rock – Ben Quarry					
CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.							
Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)			Hours Used		
	Certified Rent	Komatsu PC 138 US LC Excavator			8		
	VRHabilis	John Deer 50D Mini Excavator			3		
	McAllister	Cat 296 2 Skid Steer			4		
Schedule Activity No.	REMARKS						
	Started work at 0700 with Site Safety Brief. Loads were adjusted to avoid under and overloading						
	Backfill consisting of stone was brought in from Ben's Quarry						
	Loaded 15 Trucks from Cell DM 1(completed), loaded 1 truck from Cell BA-1. Total Disposal at Rumpke Landfill Today: 321.06 tons with a total to date of 383.39 tons.						
	Second and third access lanes built using two additional loads of #2 stone and Geo fabric to Cell BA 1 and Cell BA6.						
	Mr. Sears Informed VRHK that gates at Bldg. 3325 will be closed. Closure will last four weeks due to heavy volume. All vehicles will take longer route.						
	 _____ CONTRACTOR/SUPERINTENDENT				Feb 25, 2014 _____ DATE		

# CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	20/02/2014
REPORT NO	002

PHASE	CONTRACT NO N40083-11-D-0032-0007	CONTRACT TITLE UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana
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<b>PREPARATORY</b>	WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.	
	Schedule Activity No.	Definable Feature of Work
		Index #

<b>INITIAL</b>	WAS INITIAL PHASE WORK PREFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.	
	Schedule Activity No.	Definable Feature of Work
		Index #

<b>FOLLOW-UP</b>	WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
	WORK COMPLIES WITH SAFETY REQUIREMENTS? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
	Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
		Completed intrusive work on Cell DM1, Started intrusive work on Cell BA1

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description
	N/A		

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.	
Schedule Activity No.	Description

20/02/2014  
DATE

AUTHORIZED QC MANAGER AT SITE

<b>GOVERNMENT QUALITY ASSURANCE REPORT</b>		DATE
QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT		
Schedule Activity No.	Description	
GOVERNMENT QUALITY ASSURANCE MANAGER		DATE

## DAILY SAFETY MEETING

Project Name: UXO 7

Date: Feb 20, 2019

Location: CRANE, IN

Presented by: \_\_\_\_\_

**Check the Topics/Information Reviewed:**

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>o Daily work scope reviewed</li> <li>o safety is everyone=s responsibility</li> <li>o site health and safety plan reviewed</li> <li>o safety glasses, hard hat, safety boots</li> <li>o employee Right-To- Know/MSDS location</li> <li>o vehicle safety and driving/road conditions</li> <li>o hazard analysis for all tasks or new technology</li> <li>o chemical hazards</li> <li>o first aid, safety, and PPE location</li> <li>o sharp object, rebar, and scrap metal hazards</li> <li>o latex gloves inner/nitrile gloves outer</li> <li>o open pits, excavations, and trenching hazards</li> <li>o excavation/trenching inspections/documentation</li> <li>o full face respirators with proper cartridges</li> <li>o upgrade to Level C at: _____</li> <li>o work stoppage at: _____</li> <li>o portable tool safety and awareness</li> <li>o slips, trips, and falls</li> <li>o strains and sprains</li> <li>o anticipated visitors</li> <li>o electrical ground fault</li> <li>o public safety and fences</li> <li>o excavator swing and loading</li> <li>o orderly site and housekeeping</li> <li>o smoking in designated areas</li> </ul> | <ul style="list-style-type: none"> <li>o leather gloves for protection</li> <li>o effects of the night before? Rain or snow?</li> <li>o vibration related injuries</li> <li>o noise hazards</li> <li>o confined space entry</li> <li>o hot work permits</li> <li>o overhead utility locations cleared?</li> <li>o all underground utilities cleared?</li> <li>o equipment and machinery familiarization</li> <li>o fire extinguisher locations</li> <li>o eye wash station locations</li> <li>o directions to hospital</li> <li>o heat and cold stress</li> <li>o decontamination steps</li> <li>o review emergency protocol</li> <li>o parking and laydown area</li> <li>o vehicle backing up hazards</li> <li>o accidents can be costly</li> <li>o no horse play</li> <li>o dust and vapor control</li> <li>o refueling procedures</li> <li>o flying debris hazards</li> <li>o poison ivy/oak/sumac</li> </ul> <p><input checked="" type="checkbox"/> <i>Lead awareness</i></p> |
|--|---|

**Other Discussion Items/Comments/Follow-up Actions:**

NAME (PRINT)	NAME (SIGNATURE)	COMPANY
<u>David O. Patton</u>	<u>[Signature]</u>	<u>VRHK</u>
<u>Joel Morales</u>	<u>[Signature]</u>	<u>Kemron</u>
<u>PAUL BOND</u>	<u>[Signature]</u>	<u>VRH/ASTLS</u>
<u>RONALD MADDEN</u>	<u>[Signature]</u>	<u>VRH</u>
<u>Rick Yetman</u>	<u>[Signature]</u>	<u>VRH</u>
<u>Larry Emerson</u>	<u>[Signature]</u>	<u>KEMRON</u>
_____	_____	_____
_____	_____	_____

UXO7 Old Rifle Range Contractor Daily Report Photographs 20 Feb 2014



Load out of Cell DM1 looking from west to east



Dressing edges of Cell DM1 looking south



Cleaning tracks for transit. Looking Southeast



Transiting road on plastic sheeting to Cell BA 1



Loading out of Cell BA 1. Looking West



Cell BA 1 Covered for the evening looking North

<b>CONTRACTOR PRODUCTION REPORT</b> <small>(ATTACH ADDITIONAL SHEETS IF NECESSARY)</small>				DATE 21 Feb 2014			
CONTRACT NO N40083-11-D-0032-0007		TITLE AND LOCATION UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana		REPORT NO 003			
CONTRACTOR VRHabilis-KEMRON, LLC			SUPERINTENDENT Joel Morales-Visbal				
AM WEATHER Cloudy		PM WEATHER Sunny with light wind		MAX TEMP (F) 67	MIN TEMP (F) 41		
WORK PERFORMED TODAY							
Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS		
	Old Rifle Range BA-1 / Project Oversight	Kemron	1	Superintendent	9		
	Old Rifle Range BA-1 / Project Safety and Oversight	VRHabilis	1	SSHO/QC Specialist	9		
	Old Rifle Range BA-1	VRHabilis	3	Equipment Operator / Labor	27		
	Old Rifle Range BA-1 / Project Safety and Oversight	Kemron	2	Project Manager / Scientist	10		
<b>JOB SAFETY</b>	WAS A JOB SAFETY MEETING HELD THIS DATE? <small>(If YES attach copy of the meeting minutes)</small>			<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	55
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <small>(If YES attach copy of completed OSHA report)</small>			<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	193
	WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? <small>(If YES attach statement or checklist showing inspection performed.)</small>			<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION	248
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? <small>(If YES attach description of incident and proposed action.)</small>			<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO			
Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED				<input checked="" type="checkbox"/> SAFETY REQUIREMENTS HAVE BEEN MET.		
	Conducted site safety inspection (excavation ingress/egress)						
	Site Control established						
	Site safety Meeting (Loading and unloading trucks/backing safety)						
EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)							
Schedule Activity No.	Submittal #	Description of Equipment/Material Received					
		2 loads (44.14tons) of #2 Rock – Ben Quarry					
		4 loads (85.33 tons) of #53 Rock – Ben Quarry					
		Enviroblend 90/10 total of 34 Super sacks					
		Erosion control supplies					
CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.							
Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)				Hours Used	
	Certified Rent	Komatsu PC 138 US LC Excavator				6	
	VRHabilis	John Deer 50D Mini Excavator				1	
	McAllister	Cat 296 2 Skid Steer				4	
Schedule Activity No.	REMARKS						
	Started work at 0700 with Site Safety Brief.						
	Backfill consisting of stone was brought in from Ben's Quarry						
	Loaded 5 Trucks from Cell BA 1. Total Disposal at Rumpke Landfill Today: 103.76 tons with a total to date of 487.14 tons.						
	Operations shutdown after five trucks due to soft road and access conditions.						
 CONTRACTOR/SUPERINTENDENT				Feb 25, 2014 DATE			

# CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	21/02/2014
REPORT NO	003

PHASE	CONTRACT NO N40083-11-D-0032-0007	CONTRACT TITLE UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana
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<b>PREPARATORY</b>	WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.	
	Schedule Activity No.	Definable Feature of Work
		Index #

<b>INITIAL</b>	WAS INITIAL PHASE WORK PREFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.	
	Schedule Activity No.	Definable Feature of Work
		Index #

<b>FOLLOW-UP</b>	WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
	WORK COMPLIES WITH SAFETY REQUIREMENTS? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
	Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
		Continued intrusive work on Cell BA1. Road and ground conditions stopped Trucking activities for the day after five trucks. Will let dry over weekend and resume ops.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description
	N/A		

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.	
Schedule Activity No.	Description

AUTHORIZED QC MANAGER AT SITE DATE  
 21/02/2014

<b>GOVERNMENT QUALITY ASSURANCE REPORT</b>		DATE
QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT		
Schedule Activity No.	Description	
GOVERNMENT QUALITY ASSURANCE MANAGER		DATE

**DAILY SAFETY MEETING**

Project Name: UXO 7

Date: 2/21/2014

Location: CRANE, IN

Presented by: P. Patton

**Check the Topics/Information Reviewed:**

- Daily work scope reviewed
- safety is everyone's responsibility
- site health and safety plan reviewed
- safety glasses, hard hat, safety boots
- employee Right-To- Know/MSDS location
- vehicle safety and driving/road conditions
- hazard analysis for all tasks or new technology
- chemical hazards
- first aid, safety, and PPE location
- sharp object, rebar, and scrap metal hazards
- latex gloves inner/nitrile gloves outer
- open pits, excavations, and trenching hazards
- excavation/trenching inspections/documentation
- full face respirators with proper cartridges
- upgrade to Level C at: \_\_\_\_\_
- work stoppage at: \_\_\_\_\_
- portable tool safety and awareness
- slips, trips, and falls
- strains and sprains
- anticipated visitors
- electrical ground fault
- public safety and fences
- excavator swing and loading
- orderly site and housekeeping
- smoking in designated areas
- leather gloves for protection
- effects of the night before? Rain or snow?
- vibration related injuries
- noise hazards
- confined space entry
- hot work permits
- overhead utility locations cleared?
- all underground utilities cleared?
- equipment and machinery familiarization
- fire extinguisher locations
- eye wash station locations
- directions to hospital
- heat and cold stress
- decontamination steps
- review emergency protocol
- parking and laydown area
- vehicle backing up hazards
- accidents can be costly
- no horse play
- dust and vapor control
- refueling procedures
- flying debris hazards
- poison ivy/oak/sumac

**Other Discussion Items/Comments/Follow-up Actions:**

NAME (PRINT)

David Patton

Jeel Morales

PHIL BARR

Larry Emerson

Ryan Lane

RON MADDEN

Rick Yetman

NAME (SIGNATURE)

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]

COMPANY

VRH

Kemron

VRH

KEMRON

Kemron

VRH

VRH

UX07 Old Rifle Range Contractor Daily Report Photographs 21 Feb 2014



Load out of Cell BA1 looking from east to west



Dressing bottom of Cell BA1 looking Northeast



Attempting road repair in mud. Looking west



Unloading gravel from truck south of Cell BA 1



Covered area dug out of Cell BA 1. Looking West



Unloading supplies for erosion control

**CONTRACTOR PRODUCTION REPORT**  
(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO N40083-11-D-0032-0007	TITLE AND LOCATION UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana	DATE 24 Feb 2014
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CONTRACTOR VRHabilis-KEMRON, LLC	SUPERINTENDENT Joel Morales-Visbal
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AM WEATHER Cloudy	PM WEATHER Sunny	MAX TEMP (F) 28	MIN TEMP (F) 35
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**WORK PERFORMED TODAY**

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
	Old Rifle Range BA-1/ Project Oversight	Kemron	1	Superintendent	10
	Old Rifle Range BA-1/ Project Safety and Oversight	VRHabilis	1	SSHO/QC Specialist	10
	Old Rifle Range BA-1	VRHabilis	3	Equipment Operator / Labor	27

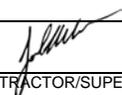
<b>JOB SAFETY</b>	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	47
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	248
	WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION	295
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO			

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	<input checked="" type="checkbox"/> SAFETY REQUIREMENTS HAVE BEEN MET.
	Conducted site safety inspection (eye wash/fire ext/First Aid Kid)	
	Site Control established	
	Site safety Meeting (excavation depths and cave in prevention)	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)		
Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.			
Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Certified Rent	Komatsu PC 138 US LC Excavator	7
	VRHabilis	John Deer 50D Mini Excavator	1
	McAllister	Cat 296 2 Skid Steer	2

Schedule Activity No.	REMARKS
	Started work at 0700 with Site Safety Brief.
	Tetra Tech took test samples at the eastern end and center area of Cell BA1, to be analyzed on the field with XRF.
	Loaded 20 Trucks from Cell BA 1. Total Disposal at Rumpke Landfill Today: 416.28 tons with a total to date of 903.43 tons.

 _____ CONTRACTOR/SUPERINTENDENT	Feb 25, 2014 _____ DATE
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# CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 24/02/2014  
 REPORT NO 004

PHASE CONTRACT NO N40083-11-D-0032-0007 CONTRACT TITLE UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana

**PREPARATORY**

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES  NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

**INITIAL**

WAS INITIAL PHASE WORK PREFORMED TODAY? YES  NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #
	N/A	

**FOLLOW-UP**

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES  NO   
 WORK COMPLIES WITH SAFETY REQUIREMENTS? YES  NO

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
	Continued intrusive work on Cell BA1. Road and ground conditions improved.
	Tetra Tech took three samples from BA1.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description
	N/A		

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.	
Schedule Activity No.	Description



24/02/2014  
 AUTHORIZED QC MANAGER AT SITE DATE

## GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT	
Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER DATE

UX07 Old Rifle Range Contractor Daily Report Photographs 24 Feb 2014



Load out of Cell BA1 looking from east to west



Access lane maintenance between trucks



Load out of Cell BA1 looking from east to west



Sampling Northeast corner of Cell BA 1

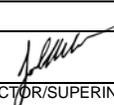


Preparing soils to be moved from Cell BA 1.



Cell BA 1 at end of day, looking west.



<b>CONTRACTOR PRODUCTION REPORT</b>				DATE	
(ATTACH ADDITIONAL SHEETS IF NECESSARY)				25/02/2014	
CONTRACT NO N40083-11-D-0032-0007		TITLE AND LOCATION UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana		REPORT NO 005	
CONTRACTOR VRHabilis-KEMRON, LLC			SUPERINTENDENT Joel Morales-Visbal		
AM WEATHER Cloudy		PM WEATHER Partly Sunny		MAX TEMP (F) 32	MIN TEMP (F) 24
WORK PERFORMED TODAY					
Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
	Old Rifle Range BA-1/BA-8/ Project Oversight	Kemron	1	Superintendent	10
	Old Rifle Range BA-1/BA-8/ Project Safety and Oversight	VRHabilis	1	SSHO/QC Specialist	10
	Old Rifle Range BA-1/BA-8	VRHabilis	3	Equipment Operator / Labor	40
<b>JOB SAFETY</b>		WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
		WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
		WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
				60	
				CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
				295	
				TOTAL WORK HOURS FROM START OF CONSTRUCTION	
				355	
Schedule Activity No.		LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED			<input checked="" type="checkbox"/> SAFETY REQUIREMENTS HAVE BEEN MET.
		Conducted site safety inspection (Excavation Depth and Barrier Requirements)			
		Site Control established			
		Site safety Meeting (Proper Lifting, Eye Protection)			
EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)					
Schedule Activity No.	Submittal #	Description of Equipment/Material Received			
		2 loads (43.98 tons) of 53 Rock – Ben Quarry			
CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.					
Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)			Hours Used
	Certified Rent	Komatsu PC 138 US LC Excavator			7
	VRHabilis	John Deer 50D Mini Excavator			4
	McAllister	Cat 296 2 Skid Steer			4
Schedule Activity No.	REMARKS				
	Started work at 0700 with Site Safety Brief.				
	Took test samples at the Western end of Cell BA 8, to be analyzed on the field by Tetratech with XRF.				
	Loaded 16 Trucks from Cell BA 1. Total Disposal at Rumpke Landfill Today: 336.56 tons with a total to date of 1239.99 tons.				
	Began excavation of Cell BA 8.				
	Initial Site Safety Brief and Operations walk thru with new Equipment Operator Mr. John Snyder.				
	 CONTRACTOR/SUPERINTENDENT				25/02/2014 DATE

# CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 25/02/2014  
 REPORT NO 005

PHASE CONTRACT NO N40083-11-D-0032-0007 CONTRACT TITLE UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana

**PREPARATORY**

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES  NO   
 IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

**INITIAL**

WAS INITIAL PHASE WORK PREFORMED TODAY? YES  NO   
 IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #
	N/A	

**FOLLOW-UP**

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES  NO   
 WORK COMPLIES WITH SAFETY REQUIREMENTS? YES  NO

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
	Continued intrusive work on Cell BA1. Started intrusive work on Cell BA8.
	Tetra Tech took three samples from BA8.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description
	N/A		

Schedule Activity No.	Description



25/02/2014  
 AUTHORIZED QC MANAGER AT SITE DATE

## GOVERNMENT QUALITY ASSURANCE REPORT

DATE

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER DATE



UX07 Old Rifle Range Contractor Daily Report Photographs 25 Feb 2014



Initial Site Brief of Equipment Operator John Snyder



Arrival of trucks for load out of Cell BA 1



Inspection of Cell BA1 looking from east to west



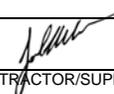
Start of Intrusive Operations in Cell BA 8



Load out of soils from Cell BA 1. Looking North



Cleaning Skid-steer at end of day, looking East.

<b>CONTRACTOR PRODUCTION REPORT</b>				DATE	
(ATTACH ADDITIONAL SHEETS IF NECESSARY)				26/02/2014	
CONTRACT NO N40083-11-D-0032-0007		TITLE AND LOCATION UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana		REPORT NO 006	
CONTRACTOR VRHabilis-KEMRON, LLC			SUPERINTENDENT Joel Morales-Visbal		
AM WEATHER Clear		PM WEATHER Sunny		MAX TEMP (F) 26	MIN TEMP (F) 10
WORK PERFORMED TODAY					
Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
	Old Rifle Range BA-8/ BA-6 - Project Oversight	Kemron	1	Superintendent	10
	Old Rifle Range BA-8/ BA-6 / Project Safety and Oversight	VRHabilis	1	SSHO/QC Specialist	10
	Old Rifle Range BA-8/ BA-6	VRHabilis	4	Equipment Operator / Labor	40
<b>JOB SAFETY</b>		WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
		WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
		WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
				60	
				CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
				355	
				TOTAL WORK HOURS FROM START OF CONSTRUCTION	
				415	
Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED				<input checked="" type="checkbox"/> SAFETY REQUIREMENTS HAVE BEEN MET.
	Conducted site safety inspection (Excavation Depth and Barrier Requirements)				
	Site Control established				
	Site safety Meeting (Proper Lifting, Eye Protection)				
EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)					
Schedule Activity No.	Submittal #	Description of Equipment/Material Received			
		Changed out Skid-steer for enclosed cab			
		Received Tracked dump truck			
CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.					
Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)			Hours Used
	Certified Rent	Komatsu PC 138 US LC Excavator			8
	VRHabilis	John Deer 50D Mini Excavator			8
	McAllister	Cat 279C Skid-Steer			3
	Atco	Komatsu CD60R Tracked Dump Truck			0.5
Schedule Activity No.	REMARKS				
	Started work at 0730 with Site Safety Brief.				
	Finish excavating Cell BA-8. Samples from Cell BA 8 tested positive with XRF. Tetra Tech directed 3 Steps out - Southwest wall 43.9'LX2'WX2'D', South wall 28.1'LX2W'X3'D, East wall 20.1'X2'X3'. Total Cubic Yards removed on Step-outs and step-downs for today = 20.5 cy				
	No trucks today due to loads freezing to beds. Total to date of 1239.99 tons.				
	Began excavation of Cell BA 6. Mixed Enviroblend 90/10 @2% for Cell BA 6, Total soil mixed with Enviroblend for today=66 cubic yards.				
				26/02/2014	
CONTRACTOR/SUPERINTENDENT				DATE	

# CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 26/02/2014  
 REPORT NO 006

PHASE CONTRACT NO N40083-11-D-0032-0007 CONTRACT TITLE UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana

**PREPARATORY**

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES  NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #
	N/A	

**INITIAL**

WAS INITIAL PHASE WORK PREFORMED TODAY? YES  NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #
	N/A	

**FOLLOW-UP**

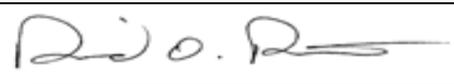
WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES  NO

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES  NO

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
	Continued intrusive work on Cell BA8. To include step out area
	Tetra Tech took three samples from BA8.
	Started mixing of Enviroblend in North eastern side of Cell BA6.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description
	N/A		

Schedule Activity No.	Description
	Samples from Cell BA8 Southern wall were above acceptable levels. A two foot wide by two foot deep (from surface level) step out will be excavated will be sampled as per Tetra Tech instruction.



26/02/2014  
DATE

## GOVERNMENT QUALITY ASSURANCE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER DATE



Consolidating soils from Cell BA 8 looking North



Mixing EnvroBlend in to soils for decon Cell BA 6



Heavy Equipment operations looking East



Marking 2 foot X 2 foot Stepout areas in Cell BA 8



Empty 75 mm Base found under grass in Cell BA 5



Positioning Excavator on plastic to dig stepouts.

<b>CONTRACTOR PRODUCTION REPORT</b> <small>(ATTACH ADDITIONAL SHEETS IF NECESSARY)</small>				DATE 27/02/2014	
CONTRACT NO N40083-11-D-0032-0007		TITLE AND LOCATION UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana		REPORT NO 007	
CONTRACTOR VRHabilis-KEMRON, LLC			SUPERINTENDENT Joel Morales-Visbal		
AM WEATHER Clear		PM WEATHER Sunny		MAX TEMP (F) 26	MIN TEMP (F) 10
WORK PERFORMED TODAY					
Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
	Old Rifle Range / Project Oversight	Kemron	1	Superintendent	9.5
	Old Rifle Range / Project Safety and Oversight	VRHabilis	1	SSHO/QC Specialist	9.5
	Old Rifle Range	VRHabilis	3	Equipment Operator / Labor	28.5
<b>JOB SAFETY</b>		WAS A JOB SAFETY MEETING HELD THIS DATE? <small>(If YES attach copy of the meeting minutes)</small>		TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		60	
		WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <small>(If YES attach copy of completed OSHA report)</small>		CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		415	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? <small>(If YES attach statement or checklist showing inspection performed.)</small>		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		TOTAL WORK HOURS FROM START OF CONSTRUCTION	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? <small>(If YES attach description of incident and proposed action.)</small>		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		475	
Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED				<input checked="" type="checkbox"/> SAFETY REQUIREMENTS HAVE BEEN MET.
	Conducted site safety inspection (Roads and Barriers)				
	Site Control established				
	Site safety Meeting (Three points of contact getting on and off machines)				
EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)					
Schedule Activity No.	Submittal #	Description of Equipment/Material Received			
CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.					
Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)			Hours Used
	Certified Rent	Komatsu PC 138 US LC Excavator			8
	VRHabilis	John Deer 50D Mini Excavator			7
	McAllister	Cat 296 2 Skid Steer			7
	Atco	Komatsu CD60R Tracked Dump Truck			3
Schedule Activity No.	REMARKS				
	Started work at 0730 with Site Safety Brief.				
	Continued intrusive work on Cell BA8. To include step out area. Dug Outlying Cells BA 10, BA 9, BA 7, DA 1, DA 2, BA 2 And BA1.				
	Tetra Tech took multiple samples from BA8, BA 9, BA 7 and BA 10.				
	Continued excavation of Cell BA 6. Mixed Enviroblend 90/10 into 90% of Cell				
	No trucks today due to loads freezing to beds. Total to date of 1239.99 tons.				
				27/02/2014	
CONTRACTOR/SUPERINTENDENT				DATE	

# CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 27/02/2014  
 REPORT NO 007

PHASE CONTRACT NO N40083-11-D-0032-0007 CONTRACT TITLE UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana

**PREPARATORY**

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES  NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #
	N/A	

**INITIAL**

WAS INITIAL PHASE WORK PREFORMED TODAY? YES  NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #
	N/A	

**FOLLOW-UP**

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES  NO

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES  NO

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
	Continued intrusive work on Cell BA8. To include step out area. Dug Outlying Cells BA 10, BA 9, BA 7, DA 1, DA 2, BA 2 And BA1.
	Tetra Tech took multiple samples from BA8, BA 9, BA 7 and BA 10.
	Continued mixing of Enviroblend in Cell BA6. 90% of Cell complete .

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description
	N/A		

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description
	Repairs of roads completed that were rutted during wet weather.



26/02/2014  
 AUTHORIZED QC MANAGER AT SITE DATE

## GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER DATE

## DAILY SAFETY MEETING

Project Name: UXO 7 CRANE IN

Date: Feb 27, 2014

Location: CRANE IN

Presented by: \_\_\_\_\_

**Check the Topics/Information Reviewed:**

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>○ Daily work scope reviewed</li> <li>○ safety is everyone=s responsibility</li> <li>○ site health and safety plan reviewed</li> <li>○ safety glasses, hard hat, safety boots</li> <li>○ employee Right-To- Know/MSDS location</li> <li>○ vehicle safety and driving/road conditions</li> <li>○ hazard analysis for all tasks or new technology</li> <li>○ chemical hazards</li> <li>○ first aid, safety, and PPE location</li> <li>○ sharp object, rebar, and scrap metal hazards</li> <li>○ latex gloves inner/nitrile gloves outer</li> <li>○ open pits, excavations, and trenching hazards</li> <li>○ excavation/trenching inspections/documentation</li> <li>○ full face respirators with proper cartridges</li> <li>○ upgrade to Level C at: <u>Work in Level C</u></li> <li>○ work stoppage at: _____</li> <li>○ portable tool safety and awareness</li> <li>○ slips, trips, and falls</li> <li>○ strains and sprains</li> <li>○ anticipated visitors</li> <li>○ electrical ground fault</li> <li>○ public safety and fences</li> <li>○ excavator swing and loading</li> <li>○ orderly site and housekeeping</li> <li>○ smoking in designated areas</li> </ul> | <ul style="list-style-type: none"> <li>○ leather gloves for protection</li> <li>○ effects of the night before? Rain or snow?</li> <li>○ vibration related injuries</li> <li>○ noise hazards</li> <li>○ confined space entry</li> <li>○ hot work permits</li> <li>○ overhead utility locations cleared?</li> <li>○ all underground utilities cleared?</li> <li>○ equipment and machinery familiarization</li> <li>○ fire extinguisher locations</li> <li>○ eye wash station locations</li> <li>○ directions to hospital</li> <li>○ heat and cold stress</li> <li>○ decontamination steps</li> <li>○ review emergency protocol</li> <li>○ parking and laydown area</li> <li>○ vehicle backing up hazards</li> <li>○ accidents can be costly</li> <li>○ no horse play</li> <li>○ dust and vapor control</li> <li>○ refueling procedures</li> <li>○ flying debris hazards</li> <li>○ poison ivy/oak/sumac</li> </ul> |
|---|--|

**Other Discussion Items/Comments/Follow-up Actions:**

NAME (PRINT)	NAME (SIGNATURE)	COMPANY
<u>Rick Yetman</u>	<u>Rick Yetman</u>	<u>VRH</u>
<u>Joel Morales</u>	<u>[Signature]</u>	<u>Kemron</u>
<u>John Snyder</u>	<u>[Signature]</u>	<u>VRH</u>
<u>[Signature]</u>	<u>[Signature]</u>	<u>VRH</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

UXO7 Old Rifle Range Contractor Daily Report Photographs 27 Feb 2014



Tracked dump moving soils from outlying Cells



Cell BA 7 marked for excavation



Excavation of Cell DA1 looking from west to east



Completed Intrusive Operations in Cell BA 7



Continued mixing Envrioblend in Cell BA 6.



Conformation of depths for all outlying Cells.

<b>CONTRACTOR PRODUCTION REPORT</b> <small>(ATTACH ADDITIONAL SHEETS IF NECESSARY)</small>				DATE 28/02/2014			
CONTRACT NO N40083-11-D-0032-0007		TITLE AND LOCATION UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana		REPORT NO 008			
CONTRACTOR VRHabilis-KEMRON, LLC			SUPERINTENDENT Joel Morales-Visbal				
AM WEATHER Clear		PM WEATHER Sunny		MAX TEMP (F) 36	MIN TEMP (F) 9		
WORK PERFORMED TODAY							
Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS		
	Old Rifle Range / Project Oversight	Kemron	1	Superintendent	10		
	Old Rifle Range / Project Safety and Oversight	VRHabilis	1	SSHO/QC Specialist	10		
	Old Rifle Range	VRHabilis	3	Equipment Operator / Labor	30		
<b>JOB SAFETY</b>	WAS A JOB SAFETY MEETING HELD THIS DATE? <small>(If YES attach copy of the meeting minutes)</small>			<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	50
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <small>(If YES attach copy of completed OSHA report)</small>			<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	475
	WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? <small>(If YES attach statement or checklist showing inspection performed.)</small>			<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION	525
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? <small>(If YES attach description of incident and proposed action.)</small>			<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO			
Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED				<input checked="" type="checkbox"/> SAFETY REQUIREMENTS HAVE BEEN MET.		
	Conducted site safety inspection (Roads and Barriers)						
	Site Control established						
	Site safety Meeting (Three points of contact getting on and off machines)						
EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)							
Schedule Activity No.	Submittal #	Description of Equipment/Material Received					
		2 loads of #2 stone 44.22 tons					
CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.							
Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)				Hours Used	
	Certified Rent	Komatsu PC 138 US LC Excavator				8	
	VRHabilis	John Deer 50D Mini Excavator				8	
	McAllister	Cat 296 2 Skid Steer				4	
	Atco	Komatsu CD60R Tracked Dump Truck				3	
Schedule Activity No.	REMARKS						
	Started work at 0700 with Site Safety Brief.						
	Continued intrusive work on Cell BA5. Dug step out area cell BA8 and BA 7.						
	Tetra Tech took multiple samples from BA8, BA 9, BA 7 and BA 10.						
	Continued excavation of Cell BA 6. Mixed Enviroblend 90/10 into 100% of Cell and covered						
	Transported 24 loads To Remke totaling 474.87 tons for a Total to date of 1714.86 tons.						
				28/02/2014			
				DATE			
				CONTRACTOR/SUPERINTENDENT			

## DAILY SAFETY MEETING

Project Name: UXO 7 CRANE IN

Date: Feb 28, 2014

Location: CRANE IN

Presented by: Dave Patton

**Check the Topics/Information Reviewed:**

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>○ Daily work scope reviewed</li> <li>○ safety is everyone=s responsibility</li> <li>○ site health and safety plan reviewed</li> <li>○ safety glasses, hard hat, safety boots</li> <li>○ employee Right-To- Know/MSDS location</li> <li>○ vehicle safety and driving/road conditions</li> <li>○ hazard analysis for all tasks or new technology</li> <li>○ chemical hazards</li> <li>○ first aid, safety, and PPE location</li> <li>○ sharp object, rebar, and scrap metal hazards</li> <li>○ latex gloves inner/nitrile gloves outer</li> <li>○ open pits, excavations, and trenching hazards</li> <li>○ excavation/trenching inspections/documentation</li> <li>○ full face respirators with proper cartridges</li> <li>○ upgrade to Level C at: <u>Work in Level C</u></li> <li>○ work stoppage at: _____</li> <li>○ portable tool safety and awareness</li> <li>○ slips, trips, and falls</li> <li>○ strains and sprains</li> <li>○ anticipated visitors</li> <li>○ electrical ground fault</li> <li>○ public safety and fences</li> <li>○ excavator swing and loading</li> <li>○ orderly site and housekeeping</li> <li>○ smoking in designated areas</li> </ul> | <ul style="list-style-type: none"> <li>○ leather gloves for protection</li> <li>○ effects of the night before? Rain or snow?</li> <li>○ vibration related injuries</li> <li>○ noise hazards</li> <li>○ confined space entry</li> <li>○ hot work permits</li> <li>○ overhead utility locations cleared?</li> <li>○ all underground utilities cleared?</li> <li>○ equipment and machinery familiarization</li> <li>○ fire extinguisher locations</li> <li>○ eye wash station locations</li> <li>○ directions to hospital</li> <li>○ heat and cold stress</li> <li>○ decontamination steps</li> <li>○ review emergency protocol</li> <li>○ parking and laydown area</li> <li>○ vehicle backing up hazards</li> <li>○ accidents can be costly</li> <li>○ no horse play</li> <li>○ dust and vapor control</li> <li>○ refueling procedures</li> <li>○ flying debris hazards</li> <li>○ poison ivy/oak/sumac</li> </ul> |
|---|--|

**Other Discussion Items/Comments/Follow-up Actions:**

NAME (PRINT)	NAME (SIGNATURE)	COMPANY
<u>David Patton</u>	<u>[Signature]</u>	<u>VAH/C</u>
<u>Joel Morales</u>	<u>[Signature]</u>	<u>Kemron</u>
<u>John Snyder</u>	<u>[Signature]</u>	<u>VRH</u>
<u>Rick Yetman</u>	<u>[Signature]</u>	<u>VRH</u>
<u>RON MADDEN</u>	<u>[Signature]</u>	<u>VRH</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

# CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 28/02/2014  
 REPORT NO 008

PHASE CONTRACT NO N40083-11-D-0032-0007 CONTRACT TITLE UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana

**PREPARATORY**

WAS PREPARATORY PHASE WORK PERFORMED TODAY? YES  NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #
	N/A	

**INITIAL**

WAS INITIAL PHASE WORK PERFORMED TODAY? YES  NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #
	N/A	

**FOLLOW-UP**

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES  NO

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES  NO

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
	Started intrusive work on Cell BA5 Northern section.
	Completed mixing of Enviroblend in Cell BA6.
	Completed step outs on BA 8 and BA 7
	Hauled 24 trucks loads out for 474.87 tons and received 2 loads of #2 Stone for 44.22 tons
	Completed waddle installation around outlying cells.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description
	N/A		

Schedule Activity No.	Description



AUTHORIZED QC MANAGER AT SITE 28/02/2014  
 DATE

**GOVERNMENT QUALITY ASSURANCE REPORT**

DATE

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER DATE

UX07 Old Rifle Range Contractor Daily Report Photographs 28 Feb 2014



Loading out trucks for landfill from Cell BA 8



Digging step out Cell BA 8 South and East walls



Marked step out on Cell BA 8 East wall



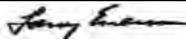
Continued Mixing EnviroBlend in Cell BA 6



Cell BA 6 covered for expected bad weather



Erosion Control, Barriers installed around cells

<b>CONTRACTOR PRODUCTION REPORT</b> <small>(ATTACH ADDITIONAL SHEETS IF NECESSARY)</small>				DATE 03/03/2014	
CONTRACT NO N40083-11-D-0032-0007		TITLE AND LOCATION UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana		REPORT NO 009	
CONTRACTOR VRHabilis-KEMRON, LLC			SUPERINTENDENT Larry Emerson for Joel Morales-Visbal		
AM WEATHER Clear		PM WEATHER Sunny		MAX TEMP (F) 30	MIN TEMP (F) 7
WORK PERFORMED TODAY					
Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
	Old Rifle Range / Project Oversight	Kemron	1	Superintendent	9
	Old Rifle Range / Project Safety and Oversight	VRHabilis	1	SSHO/QC Specialist	9
	Old Rifle Range	VRHabilis	3	Equipment Operator / Labor	27
<b>JOB SAFETY</b>		WAS A JOB SAFETY MEETING HELD THIS DATE? <small>(If YES attach copy of the meeting minutes)</small>		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
		WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <small>(If YES attach copy of completed OSHA report)</small>		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
		WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? <small>(If YES attach statement or checklist showing inspection performed.)</small>		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? <small>(If YES attach description of incident and proposed action.)</small>		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS 45	
				CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT 525	
				TOTAL WORK HOURS FROM START OF CONSTRUCTION 570	
Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED			<input checked="" type="checkbox"/> SAFETY REQUIREMENTS HAVE BEEN MET.	
	Conducted site safety inspection (Roads and Barriers)				
	Site Control established				
	Site safety Meeting (Three points of contact getting on and off machines)				
EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)					
Schedule Activity No.	Submittal #	Description of Equipment/Material Received			
CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.					
Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)			Hours Used
	Certified Rent	Komatsu PC 138 US LC Excavator			8
	VRHabilis	John Deer 50D Mini Excavator			1
	McAllister	Cat 296 2 Skid Steer			0
	Atco	Komatsu CD60R Tracked Dump Truck			3
Schedule Activity No.	REMARKS				
	Started work at 0700 with Site Safety Brief.				
	Continued excavation of Cell BA5 Northern half to 5 foot				
	Tetra Tech took multiple samples from BA2, BA 3, BA 9 and BA 10.				
	Total to date of 1714.86 tons disposed at Rumpke landfill.				
				3/3/2014	
CONTRACTOR/SUPERINTENDENT				DATE	

# CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 03/03/2014  
 REPORT NO 009

PHASE CONTRACT NO **N40083-11-D-0032-0007** CONTRACT TITLE **UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana**

**PREPARATORY**

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES  NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #
	N/A	

**INITIAL**

WAS INITIAL PHASE WORK PREFORMED TODAY? YES  NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #
	N/A	

**FOLLOW-UP**

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES  NO   
 WORK COMPLIES WITH SAFETY REQUIREMENTS? YES  NO

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
	Continued excavation of Cell BA5 Northern Half
	Tetra Tech took multiple samples from BA2, BA 3, BA 9 and BA 10.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description
	N/A		

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.	
Schedule Activity No.	Description
	Repairs of roads completed that were rutted during wet weather.

03/03/2014  
DATE

## GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT	
Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER DATE

## DAILY SAFETY MEETING

Project Name: UXO 7 CRANE IN

Date: 3/3/2014

Location: CRANE IN

Presented by: D. Patton

**Check the Topics/Information Reviewed:**

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>○ Daily work scope reviewed</li> <li>○ safety is everyone=s responsibility</li> <li>○ site health and safety plan reviewed</li> <li>○ safety glasses, hard hat, safety boots</li> <li>○ employee Right-To- Know/MSDS location</li> <li>○ vehicle safety and driving/road conditions</li> <li>○ hazard analysis for all tasks or new technology</li> <li>○ chemical hazards</li> <li>○ first aid, safety, and PPE location</li> <li>○ sharp object, rebar, and scrap metal hazards</li> <li>○ latex gloves inner/nitrile gloves outer</li> <li>○ open pits, excavations, and trenching hazards</li> <li>○ excavation/trenching inspections/documentation</li> <li>○ full face respirators with proper cartridges</li> <li>○ upgrade to Level C at: <u>Work in Level C</u></li> <li>○ work stoppage at: _____</li> <li>○ portable tool safety and awareness</li> <li>○ slips, trips, and falls</li> <li>○ strains and sprains</li> <li>○ anticipated visitors</li> <li>○ electrical ground fault</li> <li>○ public safety and fences</li> <li>○ excavator swing and loading</li> <li>○ orderly site and housekeeping</li> <li>○ smoking in designated areas</li> </ul> | <ul style="list-style-type: none"> <li>○ leather gloves for protection</li> <li>○ effects of the night before? Rain or snow?</li> <li>○ vibration related injuries</li> <li>○ noise hazards</li> <li>○ confined space entry</li> <li>○ hot work permits</li> <li>○ overhead utility locations cleared?</li> <li>○ all underground utilities cleared?</li> <li>○ equipment and machinery familiarization</li> <li>○ fire extinguisher locations</li> <li>○ eye wash station locations</li> <li>○ directions to hospital</li> <li>○ heat and cold stress</li> <li>○ decontamination steps</li> <li>○ review emergency protocol</li> <li>○ parking and laydown area</li> <li>○ vehicle backing up hazards</li> <li>○ accidents can be costly</li> <li>○ no horse play</li> <li>○ dust and vapor control</li> <li>○ refueling procedures</li> <li>○ flying debris hazards</li> <li>○ poison ivy/oak/sumac</li> </ul> |
|---|--|

**Other Discussion Items/Comments/Follow-up Actions:**

NAME (PRINT)	NAME (SIGNATURE)	COMPANY
<u>David Patton</u>	<u>[Signature]</u>	<u>URM</u>
<u>Joel Morales</u>	_____	<u>Kemron</u>
<u>Ron Madden</u>	<u>[Signature]</u>	<u>VRH</u>
<u>Rick Yetman</u>	<u>[Signature]</u>	<u>VRH</u>
<u>John Snyder</u>	<u>[Signature]</u>	<u>VRH</u>
<u>PAUL BARE</u>	<u>[Signature]</u>	<u>VRH</u>
_____	_____	_____
_____	_____	_____

UX07 Old Rifle Range Contractor Daily Report Photographs 03 Mar 2014



Icy roads coming into site South side of site



Moving Heavy Equipment to Cell BA 5



Loading Tracked Dump for staging area



Consolidation of soils for load out looking east



Tetra Tech conferring with Mr. Brent. Looking East



Checking depth of cell BA 5, looking North.

<b>CONTRACTOR PRODUCTION REPORT</b> <small>(ATTACH ADDITIONAL SHEETS IF NECESSARY)</small>				DATE 04/03/2014	
CONTRACT NO N40083-11-D-0032-0007		TITLE AND LOCATION UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana		REPORT NO 010	
CONTRACTOR VRHabilis-KEMRON, LLC			SUPERINTENDENT Larry Emerson for Joel Morales-Visbal		
AM WEATHER Clear		PM WEATHER Sunny		MAX TEMP (F) 36	MIN TEMP (F) 9
WORK PERFORMED TODAY					
Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
	Old Rifle Range / Project Oversight	Kemron	1	Superintendent	10
	Old Rifle Range / Project Safety and Oversight	VRHabilis	1	SSHO/QC Specialist	11
	Old Rifle Range	VRHabilis	3	Equipment Operator / Labor	33
<b>JOB SAFETY</b>		WAS A JOB SAFETY MEETING HELD THIS DATE? <small>(If YES attach copy of the meeting minutes)</small>		TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
		WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <small>(If YES attach copy of completed OSHA report)</small>		CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
		WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? <small>(If YES attach statement or checklist showing inspection performed.)</small>		TOTAL WORK HOURS FROM START OF CONSTRUCTION	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? <small>(If YES attach description of incident and proposed action.)</small>					
Schedule Activity No.		LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED			<input checked="" type="checkbox"/> SAFETY REQUIREMENTS HAVE BEEN MET.
		Conducted site safety inspection (PPE and Decon of equipment)			
		Site Control established			
		Site safety Meeting (Hand tools and Decon of machines)			
EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)					
Schedule Activity No.	Submittal #	Description of Equipment/Material Received			
CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.					
Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)			Hours Used
	Certified Rent	Komatsu PC 138 US LC Excavator			8
	VRHabilis	John Deer 50D Mini Excavator			6
	McAllister	Cat 296 2 Skid Steer			5
	Atco	Komatsu CD60R Tracked Dump Truck			1
Schedule Activity No.	REMARKS				
	Started work at 0700 with Site Safety Brief.				
	Continued excavation of Cell BA 5 Northern end to 5 Foot.				
	Tetra Tech took multiple samples from BA 5				
	Took TCLP Sample from Mixed Cell BA 6 and sent to Microbac Laboratories.				
	Loaded and hauled 20 loads of lead contaminated soils to Rumpke Landfill for a daily load out of 394.35 Tons. Total to date of 2109.21 Tons.				
	Relocated and Decontaminated heavy equipment for digging in East Trap Range.				
					4 March 2014
				CONTRACTOR/SUPERINTENDENT	DATE

# CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 04/03/2014  
REPORT NO 010

PHASE CONTRACT NO N40083-11-D-0032-0007 CONTRACT TITLE UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana

<b>PREPARATORY</b>	WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.	
	Schedule Activity No.	Definable Feature of Work
		N/A
		Index #

<b>INITIAL</b>	WAS INITIAL PHASE WORK PREFORMED TODAY? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.	
	Schedule Activity No.	Definable Feature of Work
		Layout and Prepare to dig East Trap Area.
		Index #

<b>FOLLOW-UP</b>	WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
	WORK COMPLIES WITH SAFETY REQUIREMENTS? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
	Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
		Continued excavation of Cell BA 5 to 5 Foot Northern End
		Tetra Tech took multiple samples from BA 5 Northern End
		VRHK took TCLP Sample from Cell BA 6 and sent to Microbac Lab.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description
	N/A		

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO", Manuf. Rep On-Site, etc.)	
Schedule Activity No.	Description
	Cleaned and Decontaminated Heavy Equipment to dig on East Trap Area.

  
 AUTHORIZED QC MANAGER AT SITE 04/03/2014  
 DATE

GOVERNMENT QUALITY ASSURANCE REPORT		DATE
QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT		
Schedule Activity No.	Description	

GOVERNMENT QUALITY ASSURANCE MANAGER DATE

## DAILY SAFETY MEETING

Project Name: UXO 7 CRANE IN

Date: 3/4/2014

Location: CRANE IN

Presented by: D. Patton

**Check the Topics/Information Reviewed:**

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li><input type="checkbox"/> Daily work scope reviewed</li> <li><input checked="" type="checkbox"/> safety is everyone's responsibility</li> <li><input type="checkbox"/> site health and safety plan reviewed</li> <li><input type="checkbox"/> safety glasses, hard hat, safety boots</li> <li><input checked="" type="checkbox"/> employee Right-To- Know/MSDS location</li> <li><input type="checkbox"/> vehicle safety and driving/road conditions</li> <li><input type="checkbox"/> hazard analysis for all tasks or new technology</li> <li><input type="checkbox"/> chemical hazards</li> <li><input type="checkbox"/> first aid, safety, and PPE location</li> <li><input type="checkbox"/> sharp object, rebar, and scrap metal hazards</li> <li><input type="checkbox"/> latex gloves inner/nitrile gloves outer</li> <li><input checked="" type="checkbox"/> open pits, excavations, and trenching hazards</li> <li><input type="checkbox"/> excavation/trenching inspections/documentation</li> <li><input type="checkbox"/> full face respirators with proper cartridges</li> <li><input type="checkbox"/> upgrade to Level C at: <u>Work in Level C</u></li> <li><input type="checkbox"/> work stoppage at: _____</li> <li><input type="checkbox"/> portable tool safety and awareness</li> <li><input checked="" type="checkbox"/> slips, trips, and falls</li> <li><input type="checkbox"/> strains and sprains</li> <li><input type="checkbox"/> anticipated visitors</li> <li><input type="checkbox"/> electrical ground fault</li> <li><input type="checkbox"/> public safety and fences</li> <li><input checked="" type="checkbox"/> excavator swing and loading</li> <li><input type="checkbox"/> orderly site and housekeeping</li> <li><input type="checkbox"/> smoking in designated areas</li> </ul> | <ul style="list-style-type: none"> <li><input type="checkbox"/> leather gloves for protection</li> <li><input type="checkbox"/> effects of the night before? Rain or snow?</li> <li><input type="checkbox"/> vibration related injuries</li> <li><input type="checkbox"/> noise hazards</li> <li><input checked="" type="checkbox"/> confined space entry</li> <li><input type="checkbox"/> hot work permits</li> <li><input type="checkbox"/> overhead utility locations cleared?</li> <li><input type="checkbox"/> all underground utilities cleared?</li> <li><input type="checkbox"/> equipment and machinery familiarization</li> <li><input type="checkbox"/> fire extinguisher locations</li> <li><input type="checkbox"/> eye wash station locations</li> <li><input type="checkbox"/> directions to hospital</li> <li><input checked="" type="checkbox"/> heat and cold stress</li> <li><input type="checkbox"/> decontamination steps</li> <li><input type="checkbox"/> review emergency protocol</li> <li><input type="checkbox"/> parking and laydown area</li> <li><input type="checkbox"/> vehicle backing up hazards</li> <li><input type="checkbox"/> accidents can be costly</li> <li><input type="checkbox"/> no horse play</li> <li><input type="checkbox"/> dust and vapor control</li> <li><input type="checkbox"/> refueling procedures</li> <li><input type="checkbox"/> flying debris hazards</li> <li><input type="checkbox"/> poison ivy/oak/sumac</li> <li><input checked="" type="checkbox"/> lead awareness</li> </ul> |
|---|---|

**Other Discussion Items/Comments/Follow-up Actions:**

NAME (PRINT)	NAME (SIGNATURE)	COMPANY
<u>David Patton</u>	<u>[Signature]</u>	<u>VRH</u>
<u>Joel Morales</u>	<u>[Signature]</u>	<u>Kemron</u>
<u>PAUL BATEA</u>	<u>[Signature]</u>	<u>VRH</u>
<u>Larry Emerson</u>	<u>[Signature]</u>	<u>Kemron</u>
<u>John Snyder</u>	<u>[Signature]</u>	<u>VRH</u>
<u>Rick Ytman</u>	<u>[Signature]</u>	<u>VRH</u>
<u>ROU MADDEN</u>	<u>[Signature]</u>	<u>VRH</u>
_____	_____	_____

UXO7 Old Rifle Range Contractor Daily Report Photographs 04 Mar 2014



Loading out Cell BA 5 Northern end Soils



Preparing access lane to East Trap Area



TCLP Sampling Cell BA 6 looking North



Homogenizing and packaging TCLP Sample



Painting Cells, East Trap Area. Looking Northeast



Coyote onsite, looking North from East Trap Area

<b>CONTRACTOR PRODUCTION REPORT</b> <small>(ATTACH ADDITIONAL SHEETS IF NECESSARY)</small>				DATE	05/03/2014		
CONTRACT NO N40083-11-D-0032-0007		TITLE AND LOCATION UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana		REPORT NO 011			
CONTRACTOR VRHabilis-KEMRON, LLC			SUPERINTENDENT Larry Emerson for Joel Morales-Visbal				
AM WEATHER Clear		PM WEATHER Sunny		MAX TEMP (F) 40	MIN TEMP (F) 12		
WORK PERFORMED TODAY							
Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS		
	Old Rifle Range / Project Oversight	Kemron	1	Superintendent	10		
	Old Rifle Range / Project Safety and Oversight	VRHabilis	1	SSHO/QC Specialist	10		
	Old Rifle Range	VRHabilis	3	Equipment Operator / Labor	30		
<b>JOB SAFETY</b>	WAS A JOB SAFETY MEETING HELD THIS DATE? <small>(If YES attach copy of the meeting minutes)</small>			<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	50
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <small>(If YES attach copy of completed OSHA report)</small>			<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	624
	WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? <small>(If YES attach statement or checklist showing inspection performed.)</small>			<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION	674
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? <small>(If YES attach description of incident and proposed action.)</small>			<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO			
Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED				<input checked="" type="checkbox"/> SAFETY REQUIREMENTS HAVE BEEN MET.		
	Conducted site safety inspection (Roads and Barriers)						
	Site Control established						
	Site safety Meeting (Three points of contact getting on and off machines)						
EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)							
Schedule Activity No.	Submittal #	Description of Equipment/Material Received					
		Three loads of #2 stone for access lane to West Trap Range.					
CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.							
Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)				Hours Used	
	Certified Rent	Komatsu PC 138 US LC Excavator				8	
	VRHabilis	John Deer 50D Mini Excavator				5	
	McAllister	Cat 296 2 Skid Steer				3	
	Atco	Komatsu CD60R Tracked Dump Truck				3	
Schedule Activity No.	REMARKS						
	Started work at 0700 with Site Safety Brief.						
	Continued intrusive work on Cells ETR 1,2,3,						
	Tetra Tech took multiple samples from ETR 1,2						
	Started excavation of Cell BA 4. Mixed Enviroblend 90/10 into 10% of Cell complete						
	20 Trucks loaded out of East Trap Range for a total of 341 Tons and a Total to Date of 2450.21 tons.						
	EPA Site visit, no deficiencies noted.						
				 CONTRACTOR/SUPERINTENDENT		DATE 5 March 2014	

# CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 05/03/2014  
 REPORT NO 011

PHASE CONTRACT NO **N40083-11-D-0032-0007** CONTRACT TITLE **UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana**

**PREPARATORY**

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES  NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #
	N/A	

**INITIAL**

WAS INITIAL PHASE WORK PREFORMED TODAY? YES  NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #
	N/A	

**FOLLOW-UP**

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES  NO

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES  NO

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
	Continued intrusive work on Cells ETR 1,2,3.
	Tetra Tech took multiple samples from ETR 1,2
	Started excavation of Cell BA 4. Mixed Enviroblend 90/10 into 10% of Cell complete
	Three loads of #2 stone for access lane to West Trap Range.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description
	N/A		

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.	
Schedule Activity No.	Description
	EPA Site visit, no deficiencies noted

05/03/2014  
 AUTHORIZED QC MANAGER AT SITE DATE

## GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT	
Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER DATE

## DAILY SAFETY MEETING

Project Name: UXO 7 CRANE IN

Date: 3/5/2014

Location: CRANE IN

Presented by: P. Patton

**Check the Topics/Information Reviewed:**

- Daily work scope reviewed
- safety is everyone=s responsibility
- site health and safety plan reviewed
- safety glasses, hard hat, safety boots
- employee Right-To- Know/MSDS location
- vehicle safety and driving/road conditions
- hazard analysis for all tasks or new technology
- Chemical hazards
- first aid, safety, and PPE location
- sharp object, rebar, and scrap metal hazards
- latex gloves inner/nitrile gloves outer
- open pits, excavations, and trenching hazards
- excavation/trenching inspections/documentation
- full face respirators with proper cartridges
- upgrade to Level C at: Work in Level C
- work stoppage at: \_\_\_\_\_
- portable tool safety and awareness
- slips, trips, and falls
- strains and sprains
- anticipated visitors
- electrical ground fault
- public safety and fences
- excavator swing and loading
- orderly site and housekeeping
- smoking in designated areas

- leather gloves for protection
- effects of the night before? Rain or snow?
- vibration related injuries
- noise hazards
- confined space entry
- hot work permits
- overhead utility locations cleared?
- all underground utilities cleared?
- equipment and machinery familiarization
- fire extinguisher locations
- eye wash station locations
- directions to hospital
- heat and cold stress
- decontamination steps
- review emergency protocol
- parking and laydown area
- vehicle backing up hazards
- accidents can be costly
- no horse play
- dust and vapor control
- refueling procedures
- flying debris hazards
- poison ivy/oak/sumac
- Lead Awareness

**Other Discussion Items/Comments/Follow-up Actions:**

NAME (PRINT)	NAME (SIGNATURE)	COMPANY
<u>P. Patton</u>	<u>[Signature]</u>	<u>VRH</u>
<u>Joel Morales</u>	_____	<u>Kemron</u>
<u>PAUL BMEZL</u>	_____	<u>VRH</u>
<u>John Snyder</u>	<u>[Signature]</u>	<u>VRH</u>
<u>Larry Emerson</u>	<u>[Signature]</u>	<u>Kemron</u>
<u>James Register</u>	<u>[Signature]</u>	<u>VRH</u>
_____	_____	_____
_____	_____	_____

UXO7 Old Rifle Range Contractor Daily Report Photographs 05 Mar 2014



Initial work on East Trap Range looking South



Arrival of trucks East Trap Range looking South



Tracked Dump Truck moving to Old Rifle Range



Mixing EnviroBlend into Cell BA 5, Looking East



Mixing EnviroBlend in Cell BA 5. Looking North



Mixing EnviroBlend with affected soils, Cell BA 5.

<b>CONTRACTOR PRODUCTION REPORT</b> <small>(ATTACH ADDITIONAL SHEETS IF NECESSARY)</small>				DATE 06 March 2014	
CONTRACT NO N40083-11-D-0032-0007		TITLE AND LOCATION UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana		REPORT NO 012	
CONTRACTOR VRHabilis-KEMRON, LLC			SUPERINTENDENT Larry Emerson for Joel Morales-Visbal		
AM WEATHER Clear		PM WEATHER Sunny		MAX TEMP (F) 45	MIN TEMP (F) 18
WORK PERFORMED TODAY					
Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
	Old Rifle Range / Project Oversight	Kemron	1	Superintendent	11.5
	Old Rifle Range / Project Safety and Oversight	VRHabilis	1	SSHO/QC Specialist	11
	Old Rifle Range	VRHabilis	2	Equipment Operator / Labor	23
<b>JOB SAFETY</b>		WAS A JOB SAFETY MEETING HELD THIS DATE? <small>(If YES attach copy of the meeting minutes)</small>		TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
		WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <small>(If YES attach copy of completed OSHA report)</small>		CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? <small>(If YES attach statement or checklist showing inspection performed.)</small>		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		TOTAL WORK HOURS FROM START OF CONSTRUCTION	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? <small>(If YES attach description of incident and proposed action.)</small>		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		719.5	
Schedule Activity No.		LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED			<input checked="" type="checkbox"/> SAFETY REQUIREMENTS HAVE BEEN MET.
		Conducted site safety inspection (Roads and Barriers)			
		Site Control established			
		Site safety Meeting (Three points of contact getting on and off machines)			
EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)					
Schedule Activity No.	Submittal #	Description of Equipment/Material Received			
CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.					
Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)			Hours Used
	Certified Rent	Komatsu PC 138 US LC Excavator			9
	VRHabilis	John Deer 50D Mini Excavator			6
	McAllister	Cat 296 2 Skid Steer			3
	Atco	Komatsu CD60R Tracked Dump Truck			6
Schedule Activity No.	REMARKS				
	Started work at 0700 with Site Safety Brief.				
	Continued excavation of Cell BA 5. Mixed Enviroblend 90/10 into 75% of Cell complete				
	Total to Date of 2450.21 tons removed from site to Rumpke Land Fill.				
			6 March 2014		
CONTRACTOR/SUPERINTENDENT			DATE		

# CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 06 March 2014  
REPORT NO 012

PHASE CONTRACT NO N40083-11-D-0032-0007 CONTRACT TITLE UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana

**PREPARATORY**

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES  NO   
IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #
	N/A	

**INITIAL**

WAS INITIAL PHASE WORK PREFORMED TODAY? YES  NO   
IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #
	N/A	

**FOLLOW-UP**

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES  NO   
WORK COMPLIES WITH SAFETY REQUIREMENTS? YES  NO

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
	Continued excavation of Cell BA 5. Mixed Enviroblend 90/10 into 75% of Cell complete
	Total to Date of 2450.21 tons removed from site to Rumpke Land Fill.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description
	N/A		

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.	
Schedule Activity No.	Description

06 March 2014  
AUTHORIZED QC MANAGER AT SITE DATE

## GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT	
Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER DATE

**DAILY SAFETY MEETING**

Project Name: UXO 7 CRANE IN

Date: 3/6/2014

Location: CRANE IN

Presented by: \_\_\_\_\_

Check the Topics/Information Reviewed:

- Daily work scope reviewed
- safety is everyone=s responsibility
- site health and safety plan reviewed
- safety glasses, hard hat, safety boots
- employee Right-To- Know/MSDS location
- vehicle safety and driving/road conditions
- hazard analysis for all tasks or new technology
- chemical hazards
- first aid, safety, and PPE location
- sharp object, rebar, and scrap metal hazards
- latex gloves inner/nitrile gloves outer
- open pits, excavations, and trenching hazards
- excavation/trenching inspections/documentation
- full face respirators with proper cartridges
- upgrade to Level C at: Work in Level C
- work stoppage at: \_\_\_\_\_
- portable tool safety and awareness
- slips, trips, and falls
- strains and sprains
- anticipated visitors
- electrical ground fault
- public safety and fences
- excavator swing and loading
- orderly site and housekeeping
- smoking in designated areas

- leather gloves for protection
- effects of the night before? Rain or snow?
- vibration related injuries
- noise hazards
- confined space entry
- hot work permits
- overhead utility locations cleared?
- all underground utilities cleared?
- equipment and machinery familiarization
- fire extinguisher locations
- eye wash station locations
- directions to hospital
- heat and cold stress
- decontamination steps
- review emergency protocol
- parking and laydown area
- vehicle backing up hazards
- accidents can be costly
- no horse play
- dust and vapor control
- refueling procedures
- flying debris hazards
- poison ivy/oak/sumac
- Lead awareness*

Other Discussion Items/Comments/Follow-up Actions:

NAME (PRINT)	NAME (SIGNATURE)	COMPANY
<u>David Patton</u>	<u>[Signature]</u>	<u>VRH</u>
<del>Joel Morales</del>		<del>Kemron</del>
<u>Larry Emerson</u>	<u>[Signature]</u>	<u>Kemron</u>
<u>Rick Yetman</u>	<u>[Signature]</u>	<u>VRH</u>
<u>PHIL BANCEL</u>	<u>[Signature]</u>	<u>VRH</u>
<u>John Snyder</u>	<u>[Signature]</u>	<u>VRH</u>
_____	_____	_____
_____	_____	_____

UX07 Old Rifle Range Contractor Daily Report Photographs 06 March 2014



Heavy Equipment Maintenance at cell BA 5.



Staging EnviroBlend treated soils from Cell BA 5



Inspection of Cell BA 5 looking from east to west



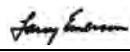
Excavation to five feet in Cell BA 5.



EnviroBlend 1 ton super-sacks staged for mixing.



Tracked Dump Truck moving soils to stockpile.

<b>CONTRACTOR PRODUCTION REPORT</b> <small>(ATTACH ADDITIONAL SHEETS IF NECESSARY)</small>				DATE 07 March 2014	
CONTRACT NO N40083-11-D-0032-0007		TITLE AND LOCATION UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana		REPORT NO 013	
CONTRACTOR VRHabilis-KEMRON, LLC			SUPERINTENDENT Larry Emerson for Joel Morales-Visbal		
AM WEATHER Clear		PM WEATHER Clear		MAX TEMP (F) 54	MIN TEMP (F) 25
WORK PERFORMED TODAY					
Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
	Old Rifle Range / Project Oversight	Kemron	1	Superintendent	10.5
	Old Rifle Range / Project Safety and Oversight	VRHabilis	1	SSHO/QC Specialist	10.5
	Old Rifle Range	VRHabilis	2	Equipment Operator / Labor	21
<b>JOB SAFETY</b>		WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CONT SHEETS	
		WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO				TOTAL WORK HOURS FROM START OF CONSTRUCTION	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO					
Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED			<input checked="" type="checkbox"/> SAFETY REQUIREMENTS HAVE BEEN MET.	
	Conducted Site Safety meeting with all personnel present.				
	Site control established.				
	Conducted site safety inspection with emphasis on excavation barrier warnings and storm water barriers (silt fence and wattles).				
EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)					
Schedule Activity No.	Submittal #	Description of Equipment/Material Received			
CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.					
Schedule Activity No.	Owner	Description of Construction Equipment Used Today (including Make and Model)			Hours Used
	Certified Rent	Komatsu PC 138 US LC Excavator			9
	VRHabilis	John Deer 50D Mini Excavator			8
	McAllister	Cat 296 2 Skid Steer			2
	Atco	Komatsu CD60R Tracked Dump Truck			7
Schedule Activity No.	REMARKS				
	Commenced work at 0700 with Site Safety and production briefs.				
	Applied and mixed 4000 lbs. of Enviroblend 90/10 into cell BA 5. Completed removal and staging of blended soils from BA 5. BA 5 excavation 100% complete.				
	Applied and mixed 4000 lbs. of Enviroblend 90/10 into cell BA 4. Completed removal and staging of approximately 5% of blended soils from BA 4.				
	Covered all blended and staged soils with protective 6 mil plastic.				
 _____ CONTRACTOR/SUPERINTENDENT			07 March 2014 _____ DATE		

# CONTRACTOR QUALITY CONTROL REPORT

DATE 07 March 2014

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

REPORT NO 013

PHASE	CONTRACT NO N40083-11-D-0032-0007	CONTRACT TITLE UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana
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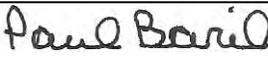
<b>PREPARATORY</b>	WAS PREPARATORY PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #

<b>INITIAL</b>	WAS INITIAL PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #

<b>FOLLOW-UP</b>	WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	WORK COMPLIES WITH SAFETY REQUIREMENTS? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present	
		Completed application of Enviroblend 90/10 into cell BA 5 and staged soils for curing and removal following 48 hour wait time.	
		Commenced application and mixing of Enviroblend 90/10 in cell BA 4 and staged soils for curing and removal following 48 hour wait time.	
		Quality control inspection performed by QC Specialist on excavation depths. No discrepancies noted and the work was performed in accordance with the Work Plan.	

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO", Manuf. Rep On-Site, etc.)	
Schedule Activity No.	Description
	All work conducted was completed in accordance with the Work Plan and the Accident Prevention Plan. No discrepancies were noted.

  
 AUTHORIZED QC MANAGER AT SITE

07 March 2014  
DATE

## GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT	
Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER DATE

# DAILY SAFETY MEETING

Project Name: UXO 7

Date: 7 March 2014

Location: Naval Support Activity, Crane, IN.

Presented by: Paul Baril

**Check the Topics/Information Reviewed:**

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Daily work scope reviewed</li> <li><input checked="" type="checkbox"/> safety is everyone=s responsibility</li> <li><input type="checkbox"/> site health and safety plan reviewed</li> <li><input checked="" type="checkbox"/> safety glasses, hard hat, safety boots</li> <li><input type="checkbox"/> employee Right-To- Know/MSDS location</li> <li><input type="checkbox"/> vehicle safety and driving/road conditions</li> <li><input type="checkbox"/> hazard analysis for all tasks or new technology</li> <li><input checked="" type="checkbox"/> chemical hazards</li> <li><input checked="" type="checkbox"/> first aid, safety, and PPE location</li> <li><input checked="" type="checkbox"/> sharp object, rebar, and scrap metal hazards</li> <li><input checked="" type="checkbox"/> latex gloves inner/nitrile gloves outer</li> <li><input checked="" type="checkbox"/> open pits, excavations, and trenching hazards</li> <li><input type="checkbox"/> excavation/trenching inspections/documentation</li> <li><input type="checkbox"/> full face respirators with proper cartridges</li> <li><input type="checkbox"/> upgrade to Level C at:</li> <li><input type="checkbox"/> work stoppage at:</li> <li><input type="checkbox"/> portable tool safety and awareness</li> <li><input checked="" type="checkbox"/> slips, trips, and falls</li> <li><input checked="" type="checkbox"/> strains and sprains</li> <li><input type="checkbox"/> anticipated visitors</li> <li><input type="checkbox"/> electrical ground fault</li> <li><input type="checkbox"/> public safety and fences</li> <li><input checked="" type="checkbox"/> excavator swing and loading</li> <li><input checked="" type="checkbox"/> orderly site and housekeeping</li> <li><input checked="" type="checkbox"/> smoking in designated areas</li> </ul> | <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> leather gloves for protection</li> <li><input type="checkbox"/> effects of the night before? Rain or snow?</li> <li><input type="checkbox"/> vibration related injuries</li> <li><input checked="" type="checkbox"/> noise hazards</li> <li><input type="checkbox"/> confined space entry</li> <li><input type="checkbox"/> hot work permits</li> <li><input type="checkbox"/> overhead utility locations cleared?</li> <li><input type="checkbox"/> all underground utilities cleared?</li> <li><input type="checkbox"/> equipment and machinery familiarization</li> <li><input type="checkbox"/> fire extinguisher locations</li> <li><input type="checkbox"/> eye wash station locations</li> <li><input checked="" type="checkbox"/> directions to hospital</li> <li><input type="checkbox"/> heat and cold stress</li> <li><input type="checkbox"/> decontamination steps</li> <li><input type="checkbox"/> review emergency protocol</li> <li><input type="checkbox"/> parking and laydown area</li> <li><input checked="" type="checkbox"/> vehicle backing up hazards</li> <li><input checked="" type="checkbox"/> accidents can be costly</li> <li><input checked="" type="checkbox"/> no horse play</li> <li><input type="checkbox"/> dust and vapor control</li> <li><input type="checkbox"/> refueling procedures</li> <li><input type="checkbox"/> flying debris hazards</li> <li><input type="checkbox"/> poison ivy/oak/sumac</li> <li><input checked="" type="checkbox"/> Lead awareness</li> </ul> |
|--|---|

**Other Discussion Items/Comments/Follow-up Actions:**

NAME (PRINT)

PAUL BARIL  
John Snyder  
Rick Yetman  
Larry Emerson

NAME (SIGNATURE)

Paul Baril  
John Snyder  
Rick Yetman  
Larry Emerson

COMPANY

VRHK  
VRHK  
VRHK  
KEMCON

**Instructions:**

- # Conduct a daily safety meeting prior to beginning each day=s site activities.
- # Complete form, obtain signatures, and file with the Daily Summary.
- # Follow-up on any noted items and document resolution of any action items.

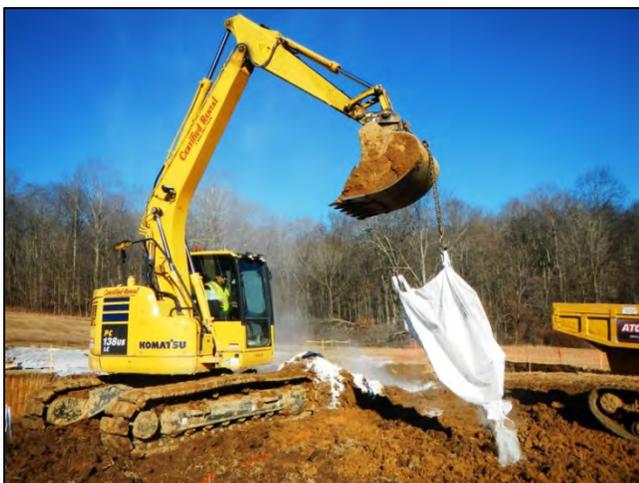
UXO 7 Old Rifle Range Contractor Daily Report Photographs 07 Mar 2014



PM & Grade Supervisor conduct pre-ops brief



Preparing to apply Enviroblend into cell BA 5



Enviroblend applied to cell BA 5 soil



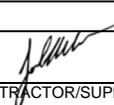
Moving treated soil from cell BA 5 to curing area



Performing QC inspection on cell BA 5



Post treated soils staged for curing and removal

<b>CONTRACTOR PRODUCTION REPORT</b> <small>(ATTACH ADDITIONAL SHEETS IF NECESSARY)</small>				DATE	10 March 2014		
CONTRACT NO N40083-11-D-0032-0007		TITLE AND LOCATION UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana		REPORT NO	014		
CONTRACTOR VRHabilis-KEMRON, LLC			SUPERINTENDENT Joel Morales-Visbal				
AM WEATHER Clear		PM WEATHER Sunny		MAX TEMP (F) 62	MIN TEMP (F) 31		
WORK PERFORMED TODAY							
Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS		
	Old Rifle Range / Project Oversight	Kemron	1	Superintendent	10		
	Old Rifle Range / Project Safety and Oversight	VRHabilis	1	SSHO/QC Specialist	10		
	Old Rifle Range	VRHabilis	3	Equipment Operator / Labor	30		
<b>JOB SAFETY</b>	WAS A JOB SAFETY MEETING HELD THIS DATE? <small>(If YES attach copy of the meeting minutes)</small>			<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	50
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <small>(If YES attach copy of completed OSHA report)</small>			<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	761.5
	WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? <small>(If YES attach statement or checklist showing inspection performed.)</small>			<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION	811.5
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? <small>(If YES attach description of incident and proposed action.)</small>			<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO			
Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED				<input checked="" type="checkbox"/> SAFETY REQUIREMENTS HAVE BEEN MET.		
	Conducted site safety inspection (Roads and Barriers)						
	Site Control established						
	Site safety Meeting (Lead awareness and excavation safety)						
EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)							
Schedule Activity No.	Submittal #	Description of Equipment/Material Received					
CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.							
Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)			Hours Used		
	Certified Rent	Komatsu PC 138 US LC Excavator			7		
	VRHabilis	John Deer 50D Mini Excavator			5		
	McAllister	Cat 296 2 Skid Steer			3		
	Atco	Komatsu CD60R Tracked Dump Truck			0		
Schedule Activity No.	REMARKS						
	Started work at 0700 with Site Safety Brief. New Labor, Max O'Meara was given initial site safety brief and site specific training.						
	Continued excavation of Cell BA 4. Mixed Enviroblend 90/10 into 90% of Cell complete						
	Total to Date of 2450.21 tons removed from sit to Remke Land Fill.						
	Collected samples from BA 5 soils piles and sent off to Microbac for TCLP test.						
 CONTRACTOR/SUPERINTENDENT				10 March 2014 DATE			

# CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 10 March 2014  
 REPORT NO 014

PHASE CONTRACT NO N40083-11-D-0032-0007 CONTRACT TITLE UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana

<b>PREPARATORY</b>	WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.	
	Schedule Activity No.	Definable Feature of Work
		N/A

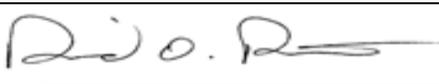
<b>INITIAL</b>	WAS INITIAL PHASE WORK PREFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.	
	Schedule Activity No.	Definable Feature of Work
		N/A

<b>FOLLOW-UP</b>	WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
	WORK COMPLIES WITH SAFETY REQUIREMENTS? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
	Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
		Continued excavation of Cell BA 4. Mixed Enviroblend 90/10 into 90% of Cell complete
		Total to Date of 2450.21 tons removed from site to Remke Land Fill.
		Collected samples from BA 5 soils piles and sent off to Microbac for TCLP test.
		Measured and confirmed depths of Cells as work progressed as per work plan.
		Conferred with Tetra Tech on Cell Step Out locations and dimensions.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description
	N/A		

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description



10 March 2014  
 AUTHORIZED QC MANAGER AT SITE DATE

## GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER DATE

UXO7 Old Rifle Range Contractor Daily Report Photographs 10 March 2014



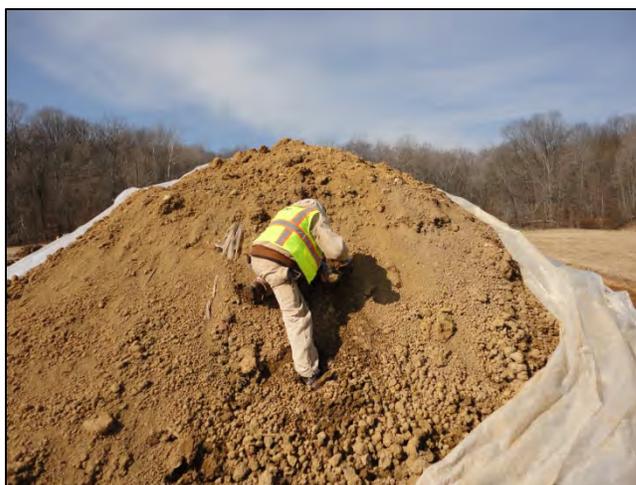
Continued Mixing EnviroBlend into Cell BA 4.



Removing and treating soils from Cell BA 4



QC Depth Check of Cell BA 4 excavation to 4 foot



TCLP Sampling of soils from Cell BA 5 by QC.



Section of telephone pole found in Cell BA 4.



Cell BA 5 floor after clearance of soils.

## DAILY SAFETY MEETING

Project Name: UXO 7 CRANE IN

Date: 3/10/2014

Location: CRANE IN

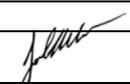
Presented by: D. Patton

**Check the Topics/Information Reviewed:**

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>○ Daily work scope reviewed</li> <li>○ safety is everyone=s responsibility</li> <li>○ site health and safety plan reviewed</li> <li>○ safety glasses, hard hat, safety boots</li> <li>○ employee Right-To- Know/MSDS location</li> <li>○ vehicle safety and driving/road conditions</li> <li>○ hazard analysis for all tasks or new technology</li> <li>○ chemical hazards</li> <li>○ first aid, safety, and PPE location</li> <li>○ sharp object, rebar, and scrap metal hazards</li> <li>○ latex gloves inner/nitrile gloves outer</li> <li>○ open pits, excavations, and trenching hazards</li> <li>○ excavation/trenching inspections/documentation</li> <li>○ full face respirators with proper cartridges</li> <li>○ upgrade to Level C at: <u>Work in Level C</u></li> <li>○ work stoppage at: _____</li> <li>○ portable tool safety and awareness</li> <li>○ slips, trips, and falls</li> <li>○ strains and sprains</li> <li>○ anticipated visitors</li> <li>○ electrical ground fault</li> <li>○ public safety and fences</li> <li>○ excavator swing and loading</li> <li>○ orderly site and housekeeping</li> <li>○ smoking in designated areas</li> </ul> | <ul style="list-style-type: none"> <li>○ leather gloves for protection</li> <li>○ effects of the night before? Rain or snow?</li> <li>○ vibration related injuries</li> <li>○ noise hazards</li> <li>○ confined space entry</li> <li>○ hot work permits</li> <li>○ overhead utility locations cleared?</li> <li>○ all underground utilities cleared?</li> <li>○ equipment and machinery familiarization</li> <li>○ fire extinguisher locations</li> <li>○ eye wash station locations</li> <li>○ directions to hospital</li> <li>○ heat and cold stress</li> <li>○ decontamination steps</li> <li>○ review emergency protocol</li> <li>○ parking and laydown area</li> <li>○ vehicle backing up hazards</li> <li>○ accidents can be costly</li> <li>○ no horse play</li> <li>○ dust and vapor control</li> <li>○ refueling procedures</li> <li>○ flying debris hazards</li> <li>○ poison ivy/oak/sumac</li> </ul> |
|---|--|

**Other Discussion Items/Comments/Follow-up Actions:**

NAME (PRINT)	NAME (SIGNATURE)	COMPANY
<u>David Patton</u>	<u>[Signature]</u>	<u>VRH</u>
<u>Joel Morales</u>	<u>[Signature]</u>	<u>Kemron</u>
<u>John Snyder</u>	<u>[Signature]</u>	<u>VRH/K</u>
<u>Max O'Hara</u>	<u>[Signature]</u>	<u>VRH</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

<h1 style="text-align: center;">CONTRACTOR PRODUCTION REPORT</h1> <p style="text-align: center;">(ATTACH ADDITIONAL SHEETS IF NECESSARY)</p>			DATE		11 March 2014	
CONTRACT NO	TITLE AND LOCATION			REPORT NO		
N40083-11-D-0032-0007	UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana			015		
CONTRACTOR			SUPERINTENDENT			
VRHabilis-KEMRON, LLC			Joel Morales-Visbal			
AM WEATHER		PM WEATHER		MAX TEMP (F)	MIN TEMP (F)	
Clear		Sunny		68	35	
WORK PERFORMED TODAY						
Schedule Activity No.	WORK LOCATION AND DESCRIPTION		EMPLOYER	NUMBER	TRADE	HRS
	Old Rifle Range / Project Oversight		Kemron	1	Superintendent	10.5
	Old Rifle Range / Project Safety and Oversight		VRHabilis	1	SSHO/QC Specialist	10.5
	Old Rifle Range		VRHabilis	3	Equipment Operator / Labor	31.5
<b>JOB SAFETY</b>	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)			<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)			<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)				<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)				<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	864
Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED				<input checked="" type="checkbox"/> SAFETY REQUIREMENTS HAVE BEEN MET.	
	Conducted site safety inspection (Roads and Barriers)					
	Site Control established					
	Site safety Meeting (slips, trips and falls lead awareness)					
EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)						
Schedule Activity No.	Submittal #	Description of Equipment/Material Received				
		Bobcat 320 Skid-Steer to replace rental Skd-Steer				
		38.64 Tons of #2 stone for Access Lane Repairs.				
CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.						
Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)				Hours Used
	Certified Rent	Komatsu PC 138 US LC Excavator				6
	VRHabilis	John Deer 50D Mini Excavator				6
	McAllister	Cat 296 2 Skid-Steer				3
	Atco	Komatsu CD60R Tracked Dump Truck				6
	VRHabilis	Bobcat 320 Skid-Steer				0
Schedule Activity No.	REMARKS					
	Started work at 0730 with Site Safety Brief.					
	Finished excavation of Cell BA 4. Mixed Enviroblend 90/10 into 100% of Cell complete, Retreated and remixed Southern half of cell BA 6. Completed excavation of Cell ETR 2.					
	Total to Date of 2450.21 tons removed from site to Remke Land Fill.					
	Back filled cells BA 3, BA 7, BA 9 and BA 10 with soils onsite provided by NSA Crane.					
	Cells DA 1 & 2 awaiting clearance. Cells BA 2, BA 5 & BA 8 awaiting clearance to backfill. East Trap Cells ETR 4, ETR 3 and ETR 2 awaiting clearance.					
	Dug step outs in Cells BA 3, BA 7 and BA 8.					
			 _____			11 March 2014
			CONTRACTOR/SUPERINTENDENT			DATE

# CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 11 March 2014  
 REPORT NO 012

PHASE CONTRACT NO N40083-11-D-0032-0007 CONTRACT TITLE UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana

**PREPARATORY**

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES  NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #
	N/A	

**INITIAL**

WAS INITIAL PHASE WORK PREFORMED TODAY? YES  NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #
	N/A	

**FOLLOW-UP**

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES  NO

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES  NO

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
	Continued excavation of Cell BA 5. Mixed Enviroblend 90/10 into 40% of Cell complete, Retreat BA-6 with Enviroblend.
	Total to Date of 2450.21 tons removed from site to Remke Land Fill.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description
	N/A		

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description



06 March 2014  
 AUTHORIZED QC MANAGER AT SITE DATE

**GOVERNMENT QUALITY ASSURANCE REPORT**

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER DATE

**DAILY SAFETY MEETING**

Project Name: UXO 7 CRANE IN

Date: March 11, 2014

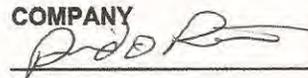
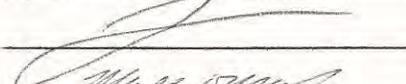
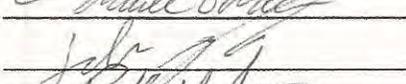
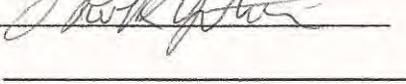
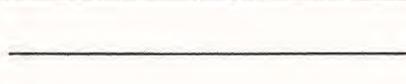
Location: CRANE IN

Presented by: Dave Patton

**Check the Topics/Information Reviewed:**

- o Daily work scope reviewed
- o safety is everyone's responsibility
- o site health and safety plan reviewed
- o safety glasses, hard hat, safety boots
- o employee Right-To- Know/MSDS location
- o vehicle safety and driving/road conditions
- o hazard analysis for all tasks or new technology
- o chemical hazards
- o first aid, safety, and PPE location
- o sharp object, rebar, and scrap metal hazards
- o latex gloves inner/nitrile gloves outer
- o open pits, excavations, and trenching hazards
- o excavation/trenching inspections/documentation
- o full face respirators with proper cartridges
- o upgrade to Level C at: Work in Level C
- o work stoppage at: \_\_\_\_\_
- o portable tool safety and awareness
- o slips, trips, and falls
- o strains and sprains
- o anticipated visitors
- o electrical ground fault
- o public safety and fences
- o excavator swing and loading
- o orderly site and housekeeping
- o smoking in designated areas
- o leather gloves for protection
- o effects of the night before? Rain or snow?
- o vibration related injuries
- o noise hazards
- o confined space entry
- o hot work permits
- o overhead utility locations cleared?
- o all underground utilities cleared?
- o equipment and machinery familiarization
- o fire extinguisher locations
- o eye wash station locations
- o directions to hospital
- o heat and cold stress
- o decontamination steps
- o review emergency protocol
- o parking and laydown area
- o vehicle backing up hazards
- o accidents can be costly
- o no horse play
- o dust and vapor control
- o refueling procedures
- o flying debris hazards
- o poison ivy/oak/sumac

**Other Discussion Items/Comments/Follow-up Actions:**

NAME (PRINT)	NAME (SIGNATURE)	COMPANY
<u>David D. Patton</u>	<u></u>	<u></u>
<u>Joel Morales</u>	<u></u>	<u>Kemron</u>
<u>Maxwell O'Meara</u>	<u></u>	<u>VRA</u>
<u>John Snyder</u>	<u></u>	<u>VKHC</u>
<u>Rik Yetman</u>	<u></u>	<u>VRIK</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

UX07 Old Rifle Range Contractor Daily Report Photographs 11 March 2014



Clearing new Access Lane for Cell BA 5 back fill.



Retreating with EnviroBlend Cell BA 6 South.



Working on step out at Cell BA 8 southeast side.



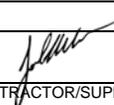
Mixing additional EnviroBlend into soils Cell BA 6.



Cell BA 9 back filled and compacted.



Stockpiles covered for anticipated bad weather.

<b>CONTRACTOR PRODUCTION REPORT</b>				DATE			
(ATTACH ADDITIONAL SHEETS IF NECESSARY)				12 March 2014			
CONTRACT NO N40083-11-D-0032-0007		TITLE AND LOCATION UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana		REPORT NO 016			
CONTRACTOR VRHabilis-KEMRON, LLC			SUPERINTENDENT Joel Morales-Visbal				
AM WEATHER Light rain and snow		PM WEATHER Cloudy		MAX TEMP (F) 35	MIN TEMP (F) 28		
WORK PERFORMED TODAY							
Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS		
	Old Rifle Range East Trap and BA/ Project Oversight	Kemron	1	Superintendent	10.5		
	Old Rifle Range East Trap and BA / Project Safety and Oversight	VRHabilis	1	SSHO/QC Specialist	10.5		
	Old Rifle Range East Trap and BA	VRHabilis	2	Equipment Operator / Labor	21		
	Old Rifle Range East Trap and BA	VRHabilis	2	Supervisors/Operators	21		
<b>JOB SAFETY</b>		WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)		<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	63
		WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)		<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	864
		WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)		<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION	927
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)		<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO				
Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED				<input checked="" type="checkbox"/> SAFETY REQUIREMENTS HAVE BEEN MET.		
	Conducted site safety inspection (Roads and Barriers)						
	Site Control established						
	Site safety Meeting (slips, trips and falls lead awareness)						
EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)							
Schedule Activity No.	Submittal #	Description of Equipment/Material Received					
CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.							
Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)			Hours Used		
	Certified Rent	Komatsu PC 138 US LC Excavator			7		
	VRHabilis	John Deer 50D Mini Excavator			2		
	VRHabilis	Bobcat 320 Skid-Steer			7		
	Atco	Komatsu CD60R Tracked Dump Truck			6		
	McAllister	Cat 296 2 Skid-Steer. Awaiting Pick up.					
Schedule Activity No.	REMARKS						
	Started work at 0730 with Site Safety Brief.						
	Back filled BA 5 & BA 8 with 20 loads of soil for a total of 415.61 tons.						
	Completed excavation of Cell ETR 1. 93.26 tons shipped today. Total to date of 2543.47 tons removed from site to Rumpke Landfill.						
	Cells DA 1 & 2 awaiting clearance. Cells BA 2, BA 5 & BA 8 awaiting clearance to finish backfill. East Trap Cells ETR 4, ETR 3, ETR 2 and ETR 1 awaiting clearance.						
	Sample of BA 4 soils sent to lab for TCLP analysis.						
 _____ CONTRACTOR/SUPERINTENDENT				12 March 2014 _____ DATE			

# CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 12 March 2014  
 REPORT NO 016

PHASE CONTRACT NO N40083-11-D-0032-0007 CONTRACT TITLE UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana

**PREPARATORY**

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES  NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #
	N/A	

**INITIAL**

WAS INITIAL PHASE WORK PREFORMED TODAY? YES  NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #
	N/A	

**FOLLOW-UP**

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES  NO

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES  NO

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
	Back filled BA 5 & BA 8 with 20 loads of soil for a total of 415.61 tons. QC Check of soils coming in for trash and debris.
	Completed excavation of Cell ETR 1. QC Check of depth and dimensions. 93.26 tons shipped today. Total to date of 2543.47 tons removed from site to Rumpke Landfill.
	Cells DA 1 & 2 awaiting clearance. Cells BA 2, BA 5 & BA 8 awaiting clearance to finish backfill. East Trap Cells ETR 4, ETR 3, ETR 2 and ETR 1 awaiting clearance.
	Sample of BA 4 soils sent to lab for TCLP analysis.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description
	N/A		

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

12 March 2014  
 AUTHORIZED QC MANAGER AT SITE DATE

## GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER DATE

UX07 Old Rifle Range Contractor Daily Report Photographs 12 March 2014



Pushing back fill into cell BA 5. Looking east



Staging backfill in cells BA 5 & 8. Looking north



Staging backfill in cells BA 5 & 8. Looking north



Keeping wall clear for sampling in Cell BA 5.



Building access lanes at ETR south of creek.



Excavations completed ETR north of creek.

## DAILY SAFETY MEETING

Project Name: UXO 7 CRANE IN

Date: March 12, 2014

Location: CRANE IN

Presented by: Dave Patton

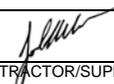
**Check the Topics/Information Reviewed:**

- Daily work scope reviewed
- safety is everyone's responsibility
- site health and safety plan reviewed
- safety glasses, hard hat, safety boots
- employee Right-To- Know/MSDS location
- vehicle safety and driving/road conditions
- hazard analysis for all tasks or new technology
- chemical hazards
- first aid, safety, and PPE location
- sharp object, rebar, and scrap metal hazards
- latex gloves inner/nitrile gloves outer
- open pits, excavations, and trenching hazards
- excavation/trenching inspections/documentation
- full face respirators with proper cartridges
- upgrade to Level C at: Work in Level C
- work stoppage at: \_\_\_\_\_
- portable tool safety and awareness
- slips, trips, and falls
- strains and sprains
- anticipated visitors
- electrical ground fault
- public safety and fences
- excavator swing and loading
- orderly site and housekeeping
- smoking in designated areas

- leather gloves for protection
- effects of the night before? Rain or snow?
- vibration related injuries
- noise hazards
- confined space entry
- hot work permits
- overhead utility locations cleared?
- all underground utilities cleared?
- equipment and machinery familiarization
- fire extinguisher locations
- eye wash station locations
- directions to hospital
- heat and cold stress
- decontamination steps
- review emergency protocol
- parking and laydown area
- vehicle backing up hazards
- accidents can be costly
- no horse play
- dust and vapor control
- refueling procedures
- flying debris hazards
- poison ivy/oak/sumac
- X Lead Aware*

**Other Discussion Items/Comments/Follow-up Actions:**

NAME (PRINT)	NAME (SIGNATURE)	COMPANY
<u>David O. Patton</u>	<u>[Signature]</u>	<u>VRH</u>
<u>Joel Morales</u>	<u>[Signature]</u>	<u>Kemron</u>
<u>Maxwell [Signature]</u>	<u>[Signature]</u>	<u>VRH</u>
<u>Rick Yetman</u>	<u>[Signature]</u>	<u>VRHK</u>
<u>John Snyder</u>	<u>[Signature]</u>	<u>VRHK</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

<b>CONTRACTOR PRODUCTION REPORT</b> <small>(ATTACH ADDITIONAL SHEETS IF NECESSARY)</small>				DATE 13 March 2014	
CONTRACT NO N40083-11-D-0032-0007		TITLE AND LOCATION UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana		REPORT NO 017	
CONTRACTOR VRHabilis-KEMRON, LLC			SUPERINTENDENT Joel Morales-Visbal		
AM WEATHER Clear		PM WEATHER Sunny		MAX TEMP (F) 40	MIN TEMP (F) 17
WORK PERFORMED TODAY					
Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
	Old Rifle Range East Trap Range / BA / Project Oversight	Kemron	1	Superintendent	10.5
	Old Rifle Range East Trap Range / BA / Project Safety and Oversight	VRHabilis	1	SSHO/QC Specialist	10.5
	Old Rifle Range East Trap Range / BA	VRHabilis	3	Equipment Operator / Labor	31.5
<b>JOB SAFETY</b>		WAS A JOB SAFETY MEETING HELD THIS DATE? <small>(If YES attach copy of the meeting minutes)</small>		TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
		WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <small>(If YES attach copy of completed OSHA report)</small>		CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? <small>(If YES attach statement or checklist showing inspection performed.)</small>		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		TOTAL WORK HOURS FROM START OF CONSTRUCTION	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? <small>(If YES attach description of incident and proposed action.)</small>		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		927	
				979.5	
Schedule Activity No.		LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED			<input checked="" type="checkbox"/> SAFETY REQUIREMENTS HAVE BEEN MET.
		Conducted site safety inspection (Roads and Barriers)			
		Site Control established			
		Site safety Meeting (slips, trips and falls, Muddy conditions and chainsaw requirements)			
EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)					
Schedule Activity No.	Submittal #	Description of Equipment/Material Received			
		62.68 Tons of #2 stone for Access Lane Repairs			
CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.					
Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)			Hours Used
	Certified Rent	Komatsu PC 138 US LC Excavator			7
	VRHabilis	John Deer 50D Mini Excavator			6
	VRHabilis	Bobcat 320 Skid-Steer			6
	Atco	Komatsu CD60R Tracked Dump Truck			3
Schedule Activity No.	REMARKS				
	Started work at 0730 with Site Safety Brief.				
	Completed excavation of Cell ETR 7 and started ETR 6. Began WTR 2, WTR 6 and WTR 1.				
	Removed 165.46 tons to landfill from East Trap Range. Total to Date of 2708.93 tons removed from site to Rumpke Landfill.				
	Back filled cells are BA 3, BA 7, BA 9 and BA 10 with soils onsite provided by NSA Crane on 10 March.				
	Cells DA 1 & 2 awaiting clearance. Cells BA 2, BA 5 & BA 8 awaiting clearance to backfill. All East Trap Cells awaiting clearance.				
	Partial back filled BA 5 & BA 8 with 144.47 tons on an additional 7 trucks. Walls are awaiting final clearance.				
 CONTRACTOR/SUPERINTENDENT				13 March 2014 DATE	

# CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 13 March 2014  
 REPORT NO 017

PHASE CONTRACT NO **N40083-11-D-0032-0007** CONTRACT TITLE **UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana**

<b>PREPARATORY</b>	WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.	
	Schedule Activity No.	Definable Feature of Work
		N/A

<b>INITIAL</b>	WAS INITIAL PHASE WORK PREFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.	
	Schedule Activity No.	Definable Feature of Work
		N/A

<b>FOLLOW-UP</b>	WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
	WORK COMPLIES WITH SAFETY REQUIREMENTS? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
	Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
		Partial back filled BA 5 & BA 8 with 144.47 tons on an additional 10 trucks.
		Completed excavation of Cell ETR 7 and started ETR 6. Began WTR 2, WTR 6 and WTR 1. Checked depth on all completed cells.
		Removed 165.46 tons to landfill from East Trap Range. Total to Date of 2708.93 tons removed from site to Rumpke (Medora Landfill). QC check against weight tickets.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description
	N/A		

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.	
Schedule Activity No.	Description



13 March 2014  
 AUTHORIZED QC MANAGER AT SITE DATE

## GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT	
Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER DATE

UX07 Old Rifle Range Contractor Daily Report Photographs 13 March 2014



Excavation of cell ETR 7. Looking Southwest.



Excavation of Cell ETR 6. Looking North



Start of excavations in WTR. Cell WTR 2.



Felling trees and brush clearance in Cell WTR 1.



Felling trees and brush clearance in Cell WTR 1.



Installing safety barrier around East Trap Range.

**DAILY SAFETY MEETING**

Project Name: UXO 7 CRANE IN

Date: March 13, 2014

Location: CRANE IN

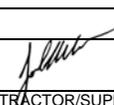
Presented by: Dave Patton

**Check the Topics/Information Reviewed:**

- Daily work scope reviewed
- safety is everyone's responsibility
- site health and safety plan reviewed
- safety glasses, hard hat, safety boots
- employee Right-To- Know/MSDS location
- vehicle safety and driving/road conditions
- hazard analysis for all tasks or new technology
- chemical hazards
- first aid, safety, and PPE location
- sharp object, rebar, and scrap metal hazards
- latex gloves inner/nitrile gloves outer
- open pits, excavations, and trenching hazards
- excavation/trenching inspections/documentation
- full face respirators with proper cartridges
- upgrade to Level C at: Work in Level C
- work stoppage at: \_\_\_\_\_
- portable tool safety and awareness
- slips, trips, and falls
- strains and sprains
- anticipated visitors
- electrical ground fault
- public safety and fences
- excavator swing and loading
- orderly site and housekeeping
- smoking in designated areas
- leather gloves for protection
- effects of the night before? Rain or snow?
- vibration related injuries
- noise hazards
- confined space entry
- hot work permits
- overhead utility locations cleared?
- all underground utilities cleared?
- equipment and machinery familiarization
- fire extinguisher locations
- eye wash station locations
- directions to hospital
- heat and cold stress
- decontamination steps
- review emergency protocol
- parking and laydown area
- vehicle backing up hazards
- accidents can be costly
- no horse play
- dust and vapor control
- refueling procedures
- flying debris hazards
- poison ivy/oak/sumac
- head awareness
- chain saw safety

**Other Discussion Items/Comments/Follow-up Actions:**

NAME (PRINT)	NAME (SIGNATURE)	COMPANY
<u>David Patton</u>	<u>[Signature]</u>	<u>VRM</u>
<u>Joel Morales</u>	<u>[Signature]</u>	<u>Kemron</u>
<u>Maxwell O'Meara</u>	<u>[Signature]</u>	<u>VRH</u>
<u>John Snyder</u>	<u>[Signature]</u>	<u>VRHC</u>
<u>Rick Yetman</u>	<u>[Signature]</u>	<u>VRHK</u>

<b>CONTRACTOR PRODUCTION REPORT</b> <small>(ATTACH ADDITIONAL SHEETS IF NECESSARY)</small>				DATE 14 March 2014			
CONTRACT NO N40083-11-D-0032-0007		TITLE AND LOCATION UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana		REPORT NO 018			
CONTRACTOR VRHabilis-KEMRON, LLC			SUPERINTENDENT Joel Morales-Visbal				
AM WEATHER Clear		PM WEATHER Sunny		MAX TEMP (F) 32	MIN TEMP (F) 25		
WORK PERFORMED TODAY							
Schedule Activity No.	WORK LOCATION AND DESCRIPTION		EMPLOYER	NUMBER	TRADE	HRS	
	Old Rifle Range East and West Trap Areas/ Project Oversight		Kemron	1	Superintendent	10	
	Old Rifle Range East and West Trap Areas / Project Safety and Oversight		VRHabilis	1	SSHO/QC Specialist	10	
	Old Rifle Range East and West Trap Areas		VRHabilis	3	Equipment Operator / Labor	30	
<b>JOB SAFETY</b>		WAS A JOB SAFETY MEETING HELD THIS DATE? <small>(If YES attach copy of the meeting minutes)</small>		<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	50
		WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <small>(If YES attach copy of completed OSHA report)</small>		<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	979.5
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? <small>(If YES attach statement or checklist showing inspection performed.)</small>		<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION		1029.5	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? <small>(If YES attach description of incident and proposed action.)</small>		<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO				
Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED				<input checked="" type="checkbox"/> SAFETY REQUIREMENTS HAVE BEEN MET.		
	Conducted site safety inspection (Vehicles and fire extinguishers)						
	Site Control established						
	Site safety Meeting (slips, trips and falls, cold weather protocols and leather gloves)						
EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)							
Schedule Activity No.	Submittal #	Description of Equipment/Material Received					
CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.							
Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)				Hours Used	
	Certified Rent	Komatsu PC 138 US LC Excavator				7	
	VRHabilis	John Deer 50D Mini Excavator				7	
	VRHabilis	Bobcat 320 Skid-Steer				3	
	Atco	Komatsu CD60R Tracked Dump Truck				6	
	McAllister	Cat 296 2 Skid-Steer     Awaiting pick up.					
Schedule Activity No.	REMARKS						
	Started work at 0730 with Site Safety Brief.						
	Completed excavation of Cell ETR 6 & 7 .						
	405.99 tons sent out from ETR and WTR. Total to Date of 3115.0 tons removed from site to Land Fill.						
	Back filled cells BA 3, BA 7, BA 9 and BA 10 with soils onsite provided by NSA Crane.						
	Cells DA 1 & 2 awaiting step-out excavation and clearance before backfill. Cells BA 2, BA 5 & BA 8 awaiting clearance to backfill. East Trap Cells ETR 5, ETR 6, ETR 7 ETR 4, ETR 3 and ETR 2 awaiting clearance.						
	Started digging WTR Area.						
 _____ CONTRACTOR/SUPERINTENDENT				14 March 2014 _____ DATE			

# CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 14 March 2014  
 REPORT NO 018

PHASE CONTRACT NO N40083-11-D-0032-0007 CONTRACT TITLE UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana

**PREPARATORY**

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES  NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #
	N/A	

**INITIAL**

WAS INITIAL PHASE WORK PREFORMED TODAY? YES  NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #
	N/A	

**FOLLOW-UP**

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES  NO

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES  NO

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
	Completed excavation of Cell ETR 6 & 7 QC Check of depths.
	405.99 tons sent out from ETR and WTR. Total to Date of 3115.0 tons removed from site to Land Fill.
	Back filled cells BA 3, BA 7, BA 9 and BA 10 with soils onsite provided by NSA Crane.
	Cells DA 1 & 2 awaiting clearance. Cells BA 2, BA 5 & BA 8 awaiting clearance to backfill. East Trap Cells ETR 5, ETR 6, ETR 7 ETR 4, ETR 3 and ETR 2 awaiting clearance.
	Digging WTR Area. QC check of all erosion control and safety fencing. Monthly check of first aid kits and fire extinguishers.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description
	N/A		

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description



18 March 2014  
 AUTHORIZED QC MANAGER AT SITE DATE

## GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER DATE

UXO7 Old Rifle Range Contractor Daily Report Photographs 14 March 2014



Excavation of Cell ETR 6. Looking North.



Excavation of Cell WTR 1. Looking West



Excavations of ETR South of drainage ditch complete.



Loading out soils from Cell WTR 1.



Excavation and staging soils from Cell WTR 6.



Excavations completed in Cells WTR 1 & 6.

## DAILY SAFETY MEETING

Project Name: UXO 7 CRANE IN

Date: March 14, 2014

Location: CRANE IN

Presented by: Dave Patton

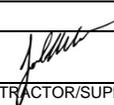
**Check the Topics/Information Reviewed:**

- Daily work scope reviewed
- safety is everyone=s responsibility
- site health and safety plan reviewed
- safety glasses, hard hat, safety boots
- employee Right-To- Know/MSDS location
- vehicle safety and driving/road conditions
- hazard analysis for all tasks or new technology
- chemical hazards
- first aid, safety, and PPE location
- sharp object, rebar, and scrap metal hazards
- latex gloves inner/nitrile gloves outer
- open pits, excavations, and trenching hazards
- excavation/trenching inspections/documentation
- full face respirators with proper cartridges
- upgrade to Level C at: Work in Level C
- work stoppage at: \_\_\_\_\_
- portable tool safety and awareness
- slips, trips, and falls
- strains and sprains
- anticipated visitors
- electrical ground fault
- public safety and fences
- excavator swing and loading
- orderly site and housekeeping
- smoking in designated areas

- leather gloves for protection
- effects of the night before? Rain or snow?
- vibration related injuries
- noise hazards
- confined space entry
- hot work permits
- overhead utility locations cleared?
- all underground utilities cleared?
- equipment and machinery familiarization
- fire extinguisher locations
- eye wash station locations
- directions to hospital
- heat and cold stress
- decontamination steps
- review emergency protocol
- parking and laydown area
- vehicle backing up hazards
- accidents can be costly
- no horse play
- dust and vapor control
- refueling procedures
- flying debris hazards
- poison ivy/oak/sumac
- Lead awareness

**Other Discussion Items/Comments/Follow-up Actions:**

NAME (PRINT)	NAME (SIGNATURE)	COMPANY
<u>David D. Patton</u>	<u>[Signature]</u>	<u>VRM</u>
<u>Joel Morales</u>	<u>[Signature]</u>	<u>Kemron</u>
<u>Maxwell O'Meara</u>	<u>[Signature]</u>	<u>VRM</u>
<u>Rick Yetman</u>	<u>[Signature]</u>	<u>VRHK</u>
<u>John Snyder</u>	<u>[Signature]</u>	<u>VRHK</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

<b>CONTRACTOR PRODUCTION REPORT</b> <small>(ATTACH ADDITIONAL SHEETS IF NECESSARY)</small>				DATE 15 March 2014	
CONTRACT NO N40083-11-D-0032-0007		TITLE AND LOCATION UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana		REPORT NO 019	
CONTRACTOR VRHabilis-KEMRON, LLC			SUPERINTENDENT Joel Morales-Visbal		
AM WEATHER Clear		PM WEATHER Sunny		MAX TEMP (F) 32	MIN TEMP (F) 25
WORK PERFORMED TODAY					
Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
	Old Rifle Range BA Area/ Project Oversight	Kemron	1	Superintendent	8
	Old Rifle Range BA Area / Project Safety and Oversight	VRHabilis	0	SSHO/QC Specialist	0
	Old Rifle Range BA Area	VRHabilis	2	Equipment Operator / Labor	12
<b>JOB SAFETY</b>		WAS A JOB SAFETY MEETING HELD THIS DATE? <small>(If YES attach copy of the meeting minutes)</small>		TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
		WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <small>(If YES attach copy of completed OSHA report)</small>		CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? <small>(If YES attach statement or checklist showing inspection performed.)</small>		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		TOTAL WORK HOURS FROM START OF CONSTRUCTION	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? <small>(If YES attach description of incident and proposed action.)</small>		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		1029.5	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? <small>(If YES attach description of incident and proposed action.)</small>		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		1049.5	
Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED			<input checked="" type="checkbox"/> SAFETY REQUIREMENTS HAVE BEEN MET.	
	Conducted site safety inspection (Vehicles and fire extinguishers)				
	Site Control established				
	Site safety Meeting (slips, trips and falls, cold weather protocols and leather gloves)				
EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)					
Schedule Activity No.	Submittal #	Description of Equipment/Material Received			
CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.					
Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)			Hours Used
	Certified Rent	Komatsu PC 138 US LC Excavator			0
	VRHabilis	John Deer 50D Mini Excavator			2
	VRHabilis	Bobcat 320 Skid-Steer			7
	Atco	Komatsu CD60R Tracked Dump Truck			7
	McAllister	Cat 296 2 Skid-Steer    Awaiting pick up.			
Schedule Activity No.	REMARKS				
	Started work at 0730 with Site Safety Brief.				
	Move backfill provided by NSA Crane to BA-8				
	Service Komatsu Excavator				
	Continue digging WTR Area.				
				17 March 2014	
CONTRACTOR/SUPERINTENDENT				DATE	

UXO7 Old Rifle Range Contractor Daily Report Photographs 15 March 2014



Plastic sheeting for servicing the equipment.



Loading backfill provided by NSA



Backfill staging area.



Piles secured for the weekend.

## DAILY SAFETY MEETING

Project Name: UXO 7 CRANE IN

Date: March 15, 2014

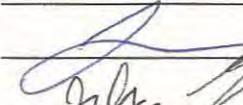
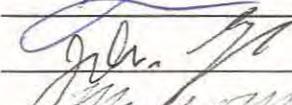
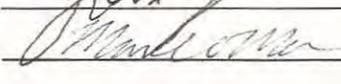
Location: CRANE IN

Presented by: Just Mend

**Check the Topics/Information Reviewed:**

- Daily work scope reviewed
- safety is everyone's responsibility
- site health and safety plan reviewed
- safety glasses, hard hat, safety boots
- employee Right-To-Know/MSDS location
- vehicle safety and driving/road conditions
- hazard analysis for all tasks or new technology
- chemical hazards
- first aid, safety, and PPE location
- sharp object, rebar, and scrap metal hazards
- latex gloves inner/nitrile gloves outer
- open pits, excavations, and trenching hazards
- excavation/trenching inspections/documentation
- full face respirators with proper cartridges
- upgrade to Level C at: Work in Level C
- work stoppage at: \_\_\_\_\_
- portable tool safety and awareness
- slips, trips, and falls
- strains and sprains
- anticipated visitors
- electrical ground fault
- public safety and fences
- excavator swing and loading
- orderly site and housekeeping
- smoking in designated areas
- leather gloves for protection
- effects of the night before? Rain or snow?
- vibration related injuries
- noise hazards
- confined space entry
- hot work permits
- overhead utility locations cleared?
- all underground utilities cleared?
- equipment and machinery familiarization
- fire extinguisher locations
- eye wash station locations
- directions to hospital
- heat and cold stress
- decontamination steps
- review emergency protocol
- parking and laydown area
- vehicle backing up hazards
- accidents can be costly
- no horse play
- dust and vapor control
- refueling procedures
- flying debris hazards
- poison ivy/oak/sumac

**Other Discussion Items/Comments/Follow-up Actions:**

NAME (PRINT)	NAME (SIGNATURE)	COMPANY
Joel Morales		Kemron
John Snyder		VRHK
Max O'Meara		VRH

<b>CONTRACTOR PRODUCTION REPORT</b> (ATTACH ADDITIONAL SHEETS IF NECESSARY)			DATE		17 March 2014	
CONTRACT NO N40083-11-D-0032-0007	TITLE AND LOCATION UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana		REPORT NO		020	
CONTRACTOR VRHabilis-KEMRON, LLC			SUPERINTENDENT Joel Morales-Visbal			
AM WEATHER Clear		PM WEATHER Sunny		MAX TEMP (F) 45	MIN TEMP (F) 21	
<b>WORK PERFORMED TODAY</b>						
Schedule Activity No.	WORK LOCATION AND DESCRIPTION		EMPLOYER	NUMBER	TRADE	HRS
	Old Rifle Range West Trap / Project Oversight		Kemron	1	Superintendent	10
	Old Rifle Range West Trap/ Project Safety and Oversight		VRHabilis	1	SSHO/QC Specialist	10
	Old Rifle Range West Trap		VRHabilis	3	Equipment Operator / Labor	30
<b>JOB SAFETY</b>	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS		50
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT		1049.5
	WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			TOTAL WORK HOURS FROM START OF CONSTRUCTION		1099.5
	WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO					
Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED				<input checked="" type="checkbox"/> SAFETY REQUIREMENTS HAVE BEEN MET.	
	Conducted site safety inspection (Road conditions and backfill)					
	Site Control established					
	Site safety Meeting (slips, trips and falls & Backing Hazards)					
EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)						
Schedule Activity No.	Submittal #	Description of Equipment/Material Received				
CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.						
Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)				Hours Used
	Certified Rent	Komatsu PC 138 US LC Excavator				7
	VRHabilis	John Deer 50D Mini Excavator				6
	VRHabilis	Bobcat 320 Skid-Steer				2
	Atco	Komatsu CD60R Tracked Dump Truck				3
Schedule Activity No.	REMARKS					
	Started work at 0730 with Site Safety Brief.					
	Finished excavation of West Trap Range Cells					
	425.01 tons sent out from WTR. Total to Date of 3540.01 tons removed from site to Land Fill.					
	Cell DA 1. Cells BA 2, BA 5 & BA 8, East Trap Cells and West Trap Cells awaiting clearance for back fill.					
	Dug step out in Cell DA 1. Backfilled DA-2					
 CONTRACTOR/SUPERINTENDENT				17 March 2014 DATE		

# CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 17 March 2014  
 REPORT NO 020

PHASE CONTRACT NO N40083-11-D-0032-0007 CONTRACT TITLE UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana

**PREPARATORY**

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES  NO   
 IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #
	N/A	

**INITIAL**

WAS INITIAL PHASE WORK PREFORMED TODAY? YES  NO   
 IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #
	N/A	

**FOLLOW-UP**

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES  NO   
 WORK COMPLIES WITH SAFETY REQUIREMENTS? YES  NO

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
	Finished excavation of West Trap Range Cells, QC Check of all depths and are for compliance with work plan.
	Dug step out in Cell DA 1, QC check of depth and width.
	425.01 tons sent out from WTR. Total to Date of 3540.01 tons removed from site to land fill. QC Check of totals with scale house.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description
	N/A		

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.	
Schedule Activity No.	Description



AUTHORIZED QC MANAGER AT SITE

17 March 2014  
DATE

## GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT	
Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER

DATE

UXO7 Old Rifle Range Contractor Daily Report Photographs 17 March 2014



Loading out of WTR grids for landfill.



Loading out of staged soils provided by NSA Crane.



Final grading of Cells at WTR Cells. Looking West.



Final grade of WTR Cells. Looking Southwest.



Backfilling DA1 & 2 with step out dug.



End of day fueling and maintenance of equipment.

**DAILY SAFETY MEETING**

Project Name: UXO 7 CRANE IN

Date: March 17, 2014

Location: CRANE IN

Presented by: Dave Patton

Check the Topics/Information Reviewed:

- Daily work scope reviewed
- safety is everyone's responsibility
- site health and safety plan reviewed
- safety glasses, hard hat, safety boots
- employee Right-To- Know/MSDS location
- vehicle safety and driving/road conditions
- hazard analysis for all tasks or new technology
- chemical hazards
- first aid, safety, and PPE location
- sharp object, rebar, and scrap metal hazards
- latex gloves inner/nitrile gloves outer
- open pits, excavations, and trenching hazards
- excavation/trenching inspections/documentation
- full face respirators with proper cartridges
- upgrade to Level C at: Work in Level C
- work stoppage at: \_\_\_\_\_
- portable tool safety and awareness
- slips, trips, and falls
- strains and sprains
- anticipated visitors
- electrical ground fault
- public safety and fences
- excavator swing and loading
- orderly site and housekeeping
- smoking in designated areas

- leather gloves for protection
- effects of the night before? Rain or snow?
- vibration related injuries
- noise hazards
- confined space entry
- hot work permits
- overhead utility locations cleared?
- all underground utilities cleared?
- equipment and machinery familiarization
- fire extinguisher locations
- eye wash station locations
- directions to hospital
- heat and cold stress
- decontamination steps
- review emergency protocol
- parking and laydown area
- vehicle backing up hazards
- accidents can be costly
- no horse play
- dust and vapor control
- refueling procedures
- flying debris hazards
- poison ivy/oak/sumac
- lead awareness

Other Discussion Items/Comments/Follow-up Actions:

NAME (PRINT)	NAME (SIGNATURE)	COMPANY
<u>Rick Yetman</u>	<u>[Signature]</u>	<u>VRHK</u>
<u>Joel Morales</u>	<u>[Signature]</u>	<u>Kemron</u>
<u>John Snyder</u>	<u>[Signature]</u>	<u>VRHK</u>
<u>Dave Patton</u>	<u>[Signature]</u>	<u>VRHK</u>
<u>Maxwell O'Mara</u>	<u>[Signature]</u>	<u>VRIT</u>

# CONTRACTOR PRODUCTION REPORT

DATE 18 March 2014

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO N40083-11-D-0032-0007	TITLE AND LOCATION UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana	REPORT NO 021
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CONTRACTOR VRHabilis-KEMRON, LLC	SUPERINTENDENT Joel Morales-Visbal
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AM WEATHER Clear	PM WEATHER Sunny	MAX TEMP (F) 45	MIN TEMP (F) 32
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### WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
	Old Rifle Range BA Area / Project Oversight	Kemron	1	Superintendent	10
	Old Rifle Range BA Area / Project Safety and Oversight	VRHabilis	1	SSHO/QC Specialist	10
	Old Rifle Range BA Area	VRHabilis	3	Equipment Operator / Labor	30

<b>JOB SAFETY</b>	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	50
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	1099.5
	WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION	1149.5
	WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	<input checked="" type="checkbox"/> SAFETY REQUIREMENTS HAVE BEEN MET.
	Conducted site safety inspection (Loading trucks and road repairs)	
	Site Control established	
	Site Safety Meeting (Safety is everyone's responsibility and PPE)	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)		
Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.			
Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Certified Rent	Komatsu PC 138 US LC Excavator	6
	VRHabilis	John Deer 50D Mini Excavator	6
	VRHabilis	Bobcat 320 Skid-Steer	3
	Atco	Komatsu CD60R Tracked Dump Truck	6

Schedule Activity No.	REMARKS
	Started work at 0700 with Safety Brief.
	563.36 tons sent out from BA 5 staged soils. Total to Date of 4103.37 tons removed from site to Land Fill.
	Cell DA 1. Cells BA 2, BA 5 & BA 8, East Trap Cells and West Trap Cells awaiting clearance for back fill.
	Received final clearance for soils treated from cells BA 4 and BA 6 South to send to landfill.

_____ CONTRACTOR/SUPERINTENDENT	18 March 2014 _____ DATE
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# CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 18 March 2014  
 REPORT NO 021

PHASE CONTRACT NO N40083-11-D-0032-0007 CONTRACT TITLE UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana

**PREPARATORY**

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES  NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #
	N/A	

**INITIAL**

WAS INITIAL PHASE WORK PREFORMED TODAY? YES  NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #
	N/A	

**FOLLOW-UP**

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES  NO

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES  NO

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
	563.36 tons sent out from BA 5 staged soils. Total to Date of 4103.37 tons removed from site to Land Fill. QC check of totals with scale house
	Performed over all QC check of erosion control.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description
	N/A		

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

18 March 2014  
 AUTHORIZED QC MANAGER AT SITE DATE

## GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER DATE

UXO7 Old Rifle Range Contractor Daily Report Photographs 18 March 2014



Early morning loading of trucks for land fill.



Shaping piles for load out of staged soils.



Overall staged soils area after first 12 loads.



Moving staged soils for load out to land fill.



Marking area between Cells BA 5 & 8.



Lay down area for soils dug between Cells BA 5 & 8.

**DAILY SAFETY MEETING**

Project Name: UXO 7 CRANE IN

Date: March 18, 2014

Location: CRANE IN

Presented by: Dave Patton

Check the Topics/Information Reviewed:

- Daily work scope reviewed
- safety is everyone=s responsibility
- site health and safety plan reviewed
- safety glasses, hard hat, safety boots
- employee Right-To- Know/MSDS location
- vehicle safety and driving/road conditions
- hazard analysis for all tasks or new technology
- chemical hazards
- first aid, safety, and PPE location
- sharp object, rebar, and scrap metal hazards
- latex gloves inner/nitrile gloves outer
- open pits, excavations, and trenching hazards
- excavation/trenching inspections/documentation
- full face respirators with proper cartridges
- upgrade to Level C at: Work in Level C
- work stoppage at: \_\_\_\_\_
- portable tool safety and awareness
- slips, trips, and falls
- strains and sprains
- anticipated visitors
- electrical ground fault
- public safety and fences
- excavator swing and loading
- orderly site and housekeeping
- smoking in designated areas

- leather gloves for protection
- effects of the night before? Rain or snow?
- vibration related injuries
- noise hazards
- confined space entry
- hot work permits
- overhead utility locations cleared?
- all underground utilities cleared?
- equipment and machinery familiarization
- fire extinguisher locations
- eye wash station locations
- directions to hospital
- heat and cold stress
- decontamination steps
- review emergency protocol
- parking and laydown area
- vehicle backing up hazards
- accidents can be costly
- no horse play
- dust and vapor control
- refueling procedures
- flying debris hazards
- poison ivy/oak/sumac
- Lead Awareness

Other Discussion Items/Comments/Follow-up Actions:

NAME (PRINT)	NAME (SIGNATURE)	COMPANY
<u>David D. Patton</u>	<u>[Signature]</u>	<u>VRH</u>
<u>Joel Morales</u>	<u>[Signature]</u>	<u>Kemron</u>
<u>Max O'Meara</u>	<u>[Signature]</u>	<u>VRH</u>
<u>John Snyder</u>	<u>[Signature]</u>	<u>VRHK</u>
<u>Rick Yetman</u>	<u>[Signature]</u>	<u>VRH</u>

<b>CONTRACTOR PRODUCTION REPORT</b> <small>(ATTACH ADDITIONAL SHEETS IF NECESSARY)</small>				DATE	19 March 2014		
CONTRACT NO N40083-11-D-0032-0007		TITLE AND LOCATION UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana		REPORT NO	022		
CONTRACTOR VRHabilis-KEMRON, LLC			SUPERINTENDENT Joel Morales-Visbal				
AM WEATHER Overcast		PM WEATHER Overcast		MAX TEMP (F) 51	MIN TEMP (F) 23		
WORK PERFORMED TODAY							
Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS		
	Old Rifle Range / Project Oversight	Kemron	1	Superintendent	10		
	Old Rifle Range / Project Safety and Oversight	VRHabilis	1	SSHO/QC Specialist	10		
	Old Rifle Range	VRHabilis	3	Equipment Operator / Labor	30		
<b>JOB SAFETY</b>	WAS A JOB SAFETY MEETING HELD THIS DATE? <small>(If YES attach copy of the meeting minutes)</small>			<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	50
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <small>(If YES attach copy of completed OSHA report)</small>			<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	1149.5
	WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? <small>(If YES attach statement or checklist showing inspection performed.)</small>			<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION	1199.5
	WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? <small>(If YES attach description of incident and proposed action.)</small>			<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO		
Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED				<input checked="" type="checkbox"/> SAFETY REQUIREMENTS HAVE BEEN MET.		
	Conducted site safety inspection (Truck traffic and backing hazards)						
	Site Control established						
	Site safety Meeting (slips, trips and falls & lead awareness)						
EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)							
Schedule Activity No.	Submittal #	Description of Equipment/Material Received					
CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.							
Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)			Hours Used		
	Certified Rent	Komatsu PC 138 US LC Excavator			7		
	VRHabilis	John Deer 50D Mini Excavator			2		
	VRHabilis	Bobcat 320 Skid-Steer			2		
	Atco	Komatsu CD60R Tracked Dump Truck			4		
Schedule Activity No.	REMARKS						
	Started work at 0730 with Site Safety Brief.						
	406.59 tons sent out from Cells BA6 & BA 4. Total to Date of 4509.96 tons removed from site to Land Fill.						
	Cell DA 1. Cells BA 2, BA 5 & BA 8, East Trap Cells and West Trap Cells awaiting clearance for back fill.						
	Back filled cells BA 3, BA 7, BA 9, DA 2 and BA 10 with soils onsite provided by NSA Crane.						
	Dug step out in Cell BA 8.						
	Working on loading BA 6 and BA 1						
				27 March 2014			
CONTRACTOR/SUPERINTENDENT				DATE			

# CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 19 March 2014  
 REPORT NO 022

PHASE CONTRACT NO N40083-11-D-0032-0007 CONTRACT TITLE UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana

**PREPARATORY**

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES  NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #
	N/A	

**INITIAL**

WAS INITIAL PHASE WORK PREFORMED TODAY? YES  NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #
	N/A	

**FOLLOW-UP**

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES  NO

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES  NO

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
	406.59 tons sent out from Cells BA6 & BA 4. Total to Date of 4509.96 tons removed from site to Land Fill. QC Check of total
	Dug step out in Cell BA 8. QC Check of dimensions.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description
	N/A		

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description



19 March 2014  
 AUTHORIZED QC MANAGER AT SITE DATE

**GOVERNMENT QUALITY ASSURANCE REPORT** DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER DATE

UX07 Old Rifle Range Contractor Daily Report Photographs 19 March 2014



Loading out of BA grids for landfill.



Loading out soils for land fill. Looking Northeast



Removing the peninsula area between BA 5 & BA 8.



Using Tracked Dump Truck to transport soils.



Staged soils awaiting load out Cell BA 6.



Cell BA 5 cleared out. Dressing peninsula area.

**DAILY SAFETY MEETING**

Project Name: UXO 7 CRANE IN

Date: March 19, 2014

Location: CRANE IN

Presented by: Dave Patton

Check the Topics/Information Reviewed:

- Daily work scope reviewed
- safety is everyone's responsibility
- site health and safety plan reviewed
- safety glasses, hard hat, safety boots
- employee Right-To-Know/MSDS location
- vehicle safety and driving/road conditions
- hazard analysis for all tasks or new technology
- chemical hazards
- first aid, safety, and PPE location
- sharp object, rebar, and scrap metal hazards
- latex gloves inner/nitrile gloves outer
- open pits, excavations, and trenching hazards
- excavation/trenching inspections/documentation
- full face respirators with proper cartridges
- upgrade to Level C at: Work in Level C
- work stoppage at: \_\_\_\_\_
- portable tool safety and awareness
- Slips, trips, and falls
- strains and sprains
- anticipated visitors
- electrical ground fault
- public safety and fences
- excavator swing and loading
- orderly site and housekeeping
- smoking in designated areas

- leather gloves for protection
- effects of the night before? Rain or snow?
- vibration related injuries
- noise hazards
- confined space entry
- hot work permits
- overhead utility locations cleared?
- all underground utilities cleared?
- equipment and machinery familiarization
- fire extinguisher locations
- eye wash station locations
- directions to hospital
- heat and cold stress
- decontamination steps
- review emergency protocol
- parking and laydown area
- vehicle backing up hazards
- accidents can be costly
- no horse play
- dust and vapor control
- refueling procedures
- flying debris hazards
- poison ivy/oak/sumac
- head Awareness

Other Discussion Items/Comments/Follow-up Actions:

NAME (PRINT)	NAME (SIGNATURE)	COMPANY
<u>David O. Patton</u>	<u>[Signature]</u>	<u>VRM</u>
<u>Joel Morales</u>	<u>[Signature]</u>	<u>Kemron</u>
<u>John Snyder</u>	<u>[Signature]</u>	<u>VRHK</u>
<u>Rick Yetman</u>	<u>[Signature]</u>	<u>VRHK</u>
<u>Max O'Meara</u>	<u>[Signature]</u>	<u>VRH</u>

<b>CONTRACTOR PRODUCTION REPORT</b> <small>(ATTACH ADDITIONAL SHEETS IF NECESSARY)</small>		DATE	20 March 2014		
CONTRACT NO N40083-11-D-0032-0007	TITLE AND LOCATION UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana		REPORT NO	023	
CONTRACTOR VRHabilis-KEMRON, LLC		SUPERINTENDENT Joel Morales-Visbal			
AM WEATHER Clear	PM WEATHER Sunny	MAX TEMP (F) 61	MIN TEMP (F) 21		
<b>WORK PERFORMED TODAY</b>					
Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
	Old Rifle Range / Project Oversight	Kemron	1	Superintendent	8
	Old Rifle Range / Project Safety and Oversight	VRHabilis	1	SSHO/QC Specialist	8
	Old Rifle Range	VRHabilis	3	Equipment Operator / Labor	24
<b>JOB SAFETY</b>	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	40
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	1199.5
	WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION	1239.5
	WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO		
Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED			<input checked="" type="checkbox"/> SAFETY REQUIREMENTS HAVE BEEN MET.	
	Conducted site safety inspection (barriers, fencing & site housekeeping)				
	Site Control established				
	Site safety Meeting (MSDS and Lead awareness)				
EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)					
Schedule Activity No.	Submittal #	Description of Equipment/Material Received			HRS
CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.					
Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used		
	Certified Rent	Komatsu PC 138 US LC Excavator	6		
	VRHabilis	John Deer 50D Mini Excavator	3		
	VRHabilis	Bobcat 320 Skid-Steer	1		
	Atco	Komatsu CD60R Tracked Dump Truck	3		
Schedule Activity No.	REMARKS				
	Started work at 0700 with Safety Brief.				
	575.06 tons sent out from Cells BA 6 & BA 1 staged soils to land fill.				
	To date back filled cells with soils onsite provided by NSA Crane are: BA 3, BA 7, BA 9, DA 2 and BA 10				
	Cell DA 1. Cells BA 2, BA 5 & BA 8, East Trap Cells and West Trap Cells awaiting clearance for back fill.				
 CONTRACTOR SUPERINTENDENT			27 March 2014 DATE		

# CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 20 March 2014  
 REPORT NO 023

PHASE CONTRACT NO N40083-11-D-0032-0007 CONTRACT TITLE UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana

<b>PREPARATORY</b>	WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #
		N/A	

<b>INITIAL</b>	WAS INITIAL PHASE WORK PREFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #
		N/A	

<b>FOLLOW-UP</b>	WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	WORK COMPLIES WITH SAFETY REQUIREMENTS? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present	
		575.06 tons sent out from Cells BA 6 & BA 1 staged soils to land fill. QC check of totals with scale house	
		Performed over all QC check of erosion control and site appearance.	
		Checked out bound trucks for spillage on tailgates and covers.	

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description
	N/A		

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.	
Schedule Activity No.	Description



20 March 2014  
 AUTHORIZED QC MANAGER AT SITE DATE

**GOVERNMENT QUALITY ASSURANCE REPORT** DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT	
Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER DATE

UXO7 Old Rifle Range Contractor Daily Report Photographs 20 March 2014



Early morning loading of trucks for land fill.



Checking drivers loads before release to scales.



Digging out Cell BA 6 and staging for transport.



Trucks leaving scales out bound to land fill.



Shaping staged soils for truck loading.



Loading out trucks with staged Cell BA 1 soils.

**DAILY SAFETY MEETING**

Project Name: UXO 7 CRANE IN

Date: March 20, 2014

Location: CRANE IN

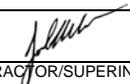
Presented by: David Patton

Check the Topics/Information Reviewed:

- Daily work scope reviewed
- safety is everyone's responsibility
- site health and safety plan reviewed
- safety glasses, hard hat, safety boots
- employee Right-To- Know/MSDS location
- vehicle safety and driving/road conditions
- hazard analysis for all tasks or new technology
- chemical hazards
- first aid, safety, and PPE location
- sharp object, rebar, and scrap metal hazards
- latex gloves inner/nitrile gloves outer
- open pits, excavations, and trenching hazards
- excavation/trenching inspections/documentation
- full face respirators with proper cartridges
- upgrade to Level C at: Work in Level C
- work stoppage at: \_\_\_\_\_
- portable tool safety and awareness
- slips, trips, and falls
- strains and sprains
- anticipated visitors
- electrical ground fault
- public safety and fences
- excavator swing and loading
- orderly site and housekeeping
- smoking in designated areas
- leather gloves for protection
- effects of the night before? Rain or snow?
- vibration related injuries
- noise hazards
- confined space entry
- hot work permits
- overhead utility locations cleared?
- all underground utilities cleared?
- equipment and machinery familiarization
- fire extinguisher locations
- eye wash station locations
- directions to hospital
- heat and cold stress
- decontamination steps
- review emergency protocol
- parking and laydown area
- vehicle backing up hazards
- accidents can be costly
- no horse play
- dust and vapor control
- refueling procedures
- flying debris hazards
- poison ivy/oak/sumac
- head Awareness

Other Discussion Items/Comments/Follow-up Actions:

NAME (PRINT)	NAME (SIGNATURE)	COMPANY
<u>David O. Patton</u>	<u>[Signature]</u>	<u>VRM</u>
<u>Joel Morales</u>	<u>[Signature]</u>	<u>Kemron</u>
<u>John Snyder</u>	<u>[Signature]</u>	<u>VRHK</u>
<u>Max J. Moran</u>	<u>[Signature]</u>	<u>VRM</u>
<u>Rick Yetman</u>	<u>[Signature]</u>	<u>VRHK</u>

<b>CONTRACTOR PRODUCTION REPORT</b> <small>(ATTACH ADDITIONAL SHEETS IF NECESSARY)</small>				DATE 24 March 2014			
CONTRACT NO N40083-11-D-0032-0007		TITLE AND LOCATION UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana		REPORT NO 024			
CONTRACTOR VRHabilis-KEMRON, LLC			SUPERINTENDENT Joel Morales-Visbal				
AM WEATHER Clear		PM WEATHER Sunny		MAX TEMP (F) 30	MIN TEMP (F) 19		
WORK PERFORMED TODAY							
Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS		
	Old Rifle Range / Project Oversight	Kemron	1	Superintendent	10		
	Old Rifle Range / Project Safety and Oversight	VRHabilis	1	SSHO/QC Specialist	10		
	Old Rifle Range	VRHabilis	3	Equipment Operator / Labor	30		
<b>JOB SAFETY</b>	WAS A JOB SAFETY MEETING HELD THIS DATE? <small>(If YES attach copy of the meeting minutes)</small>			<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	50
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <small>(If YES attach copy of completed OSHA report)</small>			<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	1239.5
	WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? <small>(If YES attach statement or checklist showing inspection performed.)</small>			<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION	1289.5
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? <small>(If YES attach description of incident and proposed action.)</small>			<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO			
Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED				<input checked="" type="checkbox"/> SAFETY REQUIREMENTS HAVE BEEN MET.		
	Conducted site safety inspection (Compaction and MHE Operations)						
	Site Control established						
	Site safety Meeting (Personal hygiene on site and cold weather protocol)						
EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)							
Schedule Activity No.	Submittal #	Description of Equipment/Material Received					
		413.06 tons of backfill for ETA					
		Received Cat D4 from Mac Allister					
CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.							
Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)				Hours Used	
	Certified Rent	Komatsu PC 138 US LC Excavator				5	
	VRHabilis	John Deer 50D Mini Excavator				0	
	VRHabilis	Bobcat 320 Skid-Steer				3	
	Atco	Komatsu CD60R Tracked Dump Truck				6	
	Mac Allister	Cat D4				6	
Schedule Activity No.	REMARKS						
	Started work at 0700 with Safety Brief.						
	90.72 tons sent out from WRA Step outs and Cell BA 1 staged soils.						
	To date back filled cells with soils onsite provided by NSA Crane are: BA 3, BA 7, BA 9, DA 2 and BA 10						
	Cell DA 1. Cells BA 2, BA 5 & BA 8 and West Trap Cells awaiting clearance for back fill.						
	Received clearance for all ETA Cells for back fill.						
 CONTRACTOR/SUPERINTENDENT				27 March 2014 DATE			

# CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	24 March 2014
REPORT NO	024

PHASE	CONTRACT NO N40083-11-D-0032-0007	CONTRACT TITLE UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana
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<b>PREPARATORY</b>	WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.	
	Schedule Activity No.	Definable Feature of Work
		N/A
		Index #

<b>INITIAL</b>	WAS INITIAL PHASE WORK PREFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.	
	Schedule Activity No.	Definable Feature of Work
		N/A
		Index #

<b>FOLLOW-UP</b>	WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
	WORK COMPLIES WITH SAFETY REQUIREMENTS? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
	Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
		90.72 tons sent out from WRA Step outs and Cell BA 1 staged soils.
		Received clearance for all ETA Cells for back fill.
		413.06 tons of backfill for ETA, QC Checked totals against tickets from source. Checked compaction and depths for top soils.
		Checked out bound trucks for tarp condition.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description
	N/A		

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.	
Schedule Activity No.	Description



24 March 2014  
AUTHORIZED QC MANAGER AT SITE DATE

## GOVERNMENT QUALITY ASSURANCE REPORT DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT	
Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER DATE

UX07 Old Rifle Range Contractor Daily Report Photographs 24 March 2014



Pushing back fill soils in East Trap Range Cells.



Multiple trucks transporting back fill for ETA Cells.



Compaction of back fill in northern ETA Cells.



Dumping back fill into ETA southern Cells.



Continued hauling of staged soils to land fill.



Digging step outs in West Trap Area.

## DAILY SAFETY MEETING

Project Name: UXO 7

Date: 3/24/14

Location: CRANE, IN

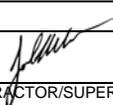
Presented by: D. Patton

**Check the Topics/Information Reviewed:**

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li><input type="checkbox"/> Daily work scope reviewed</li> <li><input checked="" type="checkbox"/> safety is everyone's responsibility</li> <li><input type="checkbox"/> site health and safety plan reviewed</li> <li><input type="checkbox"/> safety glasses, hard hat, safety boots</li> <li><input checked="" type="checkbox"/> employee Right-To- Know/MSDS location</li> <li><input checked="" type="checkbox"/> vehicle safety and driving/road conditions</li> <li><input type="checkbox"/> hazard analysis for all tasks or new technology</li> <li><input checked="" type="checkbox"/> chemical hazards</li> <li><input type="checkbox"/> first aid, safety, and PPE location</li> <li><input type="checkbox"/> sharp object, rebar, and scrap metal hazards</li> <li><input type="checkbox"/> latex gloves inner/nitrile gloves outer</li> <li><input checked="" type="checkbox"/> open pits, excavations, and trenching hazards</li> <li><input type="checkbox"/> excavation/trenching inspections/documentation</li> <li><input type="checkbox"/> full face respirators with proper cartridges</li> <li><input type="checkbox"/> upgrade to Level C at: _____</li> <li><input type="checkbox"/> work stoppage at: _____</li> <li><input type="checkbox"/> portable tool safety and awareness</li> <li><input checked="" type="checkbox"/> slips, trips, and falls</li> <li><input type="checkbox"/> strains and sprains</li> <li><input type="checkbox"/> anticipated visitors</li> <li><input type="checkbox"/> electrical ground fault</li> <li><input type="checkbox"/> public safety and fences</li> <li><input checked="" type="checkbox"/> excavator swing and loading</li> <li><input type="checkbox"/> orderly site and housekeeping</li> <li><input type="checkbox"/> smoking in designated areas</li> </ul> | <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> leather gloves for protection</li> <li><input type="checkbox"/> effects of the night before? Rain or snow?</li> <li><input type="checkbox"/> vibration related injuries</li> <li><input type="checkbox"/> noise hazards</li> <li><input type="checkbox"/> confined space entry</li> <li><input type="checkbox"/> hot work permits</li> <li><input type="checkbox"/> overhead utility locations cleared?</li> <li><input checked="" type="checkbox"/> all underground utilities cleared?</li> <li><input checked="" type="checkbox"/> equipment and machinery familiarization</li> <li><input type="checkbox"/> fire extinguisher locations</li> <li><input type="checkbox"/> eye wash station locations</li> <li><input type="checkbox"/> directions to hospital</li> <li><input checked="" type="checkbox"/> heat and cold stress</li> <li><input type="checkbox"/> decontamination steps</li> <li><input type="checkbox"/> review emergency protocol</li> <li><input type="checkbox"/> parking and laydown area</li> <li><input checked="" type="checkbox"/> vehicle backing up hazards</li> <li><input type="checkbox"/> accidents can be costly</li> <li><input type="checkbox"/> no horse play</li> <li><input type="checkbox"/> dust and vapor control</li> <li><input type="checkbox"/> refueling procedures</li> <li><input type="checkbox"/> flying debris hazards</li> <li><input type="checkbox"/> poison ivy/oak/sumac</li> <li><input checked="" type="checkbox"/> Head &amp; Awareness</li> </ul> |
|--|--|

**Other Discussion Items/Comments/Follow-up Actions:**

NAME (PRINT)	NAME (SIGNATURE)	COMPANY
<u>David Patton</u>	<u>[Signature]</u>	<u>VRMK</u>
<u>Joel Morales</u>	<u>[Signature]</u>	<u>Kemron</u>
<u>Max O'Mara</u>	<u>[Signature]</u>	<u>VRH</u>
<u>Rick Yetman</u>	<u>[Signature]</u>	<u>VRMK</u>
<u>John Snyder</u>	<u>[Signature]</u>	<u>VRMK</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

<b>CONTRACTOR PRODUCTION REPORT</b> <small>(ATTACH ADDITIONAL SHEETS IF NECESSARY)</small>				DATE 25 March 2014	
CONTRACT NO N40083-11-D-0032-0007		TITLE AND LOCATION UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana		REPORT NO 025	
CONTRACTOR VRHabilis-KEMRON, LLC			SUPERINTENDENT Joel Morales-Visbal		
AM WEATHER Snow flurries		PM WEATHER Cloudy		MAX TEMP (F) 33	MIN TEMP (F) 18
WORK PERFORMED TODAY					
Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
	Old Rifle Range / Project Oversight	Kemron	1	Superintendent	9.5
	Old Rifle Range / Project Safety and Oversight	VRHabilis	1	SSHO/QC Specialist	9.5
	Old Rifle Range	VRHabilis	3	Equipment Operator / Labor	28.5
<b>JOB SAFETY</b>		WAS A JOB SAFETY MEETING HELD THIS DATE? <small>(If YES attach copy of the meeting minutes)</small>		<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
		WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <small>(If YES attach copy of completed OSHA report)</small>		<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
		WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? <small>(If YES attach statement or checklist showing inspection performed.)</small>		<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? <small>(If YES attach description of incident and proposed action.)</small>		<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	47.5
				CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	1289.5
				TOTAL WORK HOURS FROM START OF CONSTRUCTION	1337
Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED			<input checked="" type="checkbox"/> SAFETY REQUIREMENTS HAVE BEEN MET.	
	Conducted site safety inspection (Road conditions and snow affects)				
	Site Control established				
	Site safety Meeting (Leather gloves and slips, trips and falls)				
EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)					
Schedule Activity No.	Submittal #	Description of Equipment/Material Received			
		879.36 tons of backfill for WTA and BA areas			
CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.					
Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)			Hours Used
	Certified Rent	Komatsu PC 138 US LC Excavator			6
	VRHabilis	John Deer 50D Mini Excavator			0
	VRHabilis	Bobcat 320 Skid-Steer			1
	Atco	Komatsu CD60R Tracked Dump Truck			1
	MacAllister	Cat D4			6
Schedule Activity No.	REMARKS				
	Started work at 0700 with Safety Brief.				
	165.60 tons sent out from Cell BA 1 staged soils.				
	To date back filled cells with soils onsite provided by NSA Crane are: BA 3, BA 7, BA 9, DA 2 and BA 10				
	Cell DA 1. Cells BA 2, BA 6, BA 5 & BA 8 and West Trap Cells awaiting clearance for back fill.				
 _____ CONTRACTOR/SUPERINTENDENT				27 March 2014 _____ DATE	

# CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 25 March 2014  
 REPORT NO 025

PHASE CONTRACT NO N40083-11-D-0032-0007 CONTRACT TITLE UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana

<b>PREPARATORY</b>	WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #
		N/A	

<b>INITIAL</b>	WAS INITIAL PHASE WORK PREFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #
		N/A	

<b>FOLLOW-UP</b>	WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	WORK COMPLIES WITH SAFETY REQUIREMENTS? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present	
		165.60 tons sent out from BA 1 staged soils. QC check of totals with scale house	
		Performed over all QC check back fill depths and compactions	
		Received 879.36 tons of back fill for BA Cells. QC of overall quantities.	

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description
	N/A		

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.	
Schedule Activity No.	Description



25 March 2014  
 AUTHORIZED QC MANAGER AT SITE DATE

**GOVERNMENT QUALITY ASSURANCE REPORT** DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT	
Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER DATE

UX07 Old Rifle Range Contractor Daily Report Photographs 25 March 2014



Back filling and compaction of the WTA Cells.



Load out of staged soils from Cell BA 1.



Laying out ground liner for staging soils.



Back filled and compacted soils in Cell BA 8.



Step out marked cell BA 5 into cell BA 1.



Step outs being marked by Tetra Tech Cell BA 5.

## DAILY SAFETY MEETING

Project Name: UXO 7

Date: March 25, 2014

Location: CRANE, IN

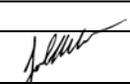
Presented by: Dave Ratten

**Check the Topics/Information Reviewed:**

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li><input type="checkbox"/> Daily work scope reviewed</li> <li><input type="checkbox"/> safety is everyone's responsibility</li> <li><input type="checkbox"/> site health and safety plan reviewed</li> <li><input checked="" type="checkbox"/> safety glasses, hard hat, safety boots</li> <li><input type="checkbox"/> employee Right-To- Know/MSDS location</li> <li><input checked="" type="checkbox"/> vehicle safety and driving/road conditions</li> <li><input type="checkbox"/> hazard analysis for all tasks or new technology</li> <li><input type="checkbox"/> chemical hazards</li> <li><input type="checkbox"/> first aid, safety, and PPE location</li> <li><input type="checkbox"/> sharp object, rebar, and scrap metal hazards</li> <li><input type="checkbox"/> latex gloves inner/nitrile gloves outer</li> <li><input checked="" type="checkbox"/> open pits, excavations, and trenching hazards</li> <li><input checked="" type="checkbox"/> excavation/trenching inspections/documentation</li> <li><input type="checkbox"/> full face respirators with proper cartridges</li> <li><input type="checkbox"/> upgrade to Level C at: _____</li> <li><input type="checkbox"/> work stoppage at: _____</li> <li><input type="checkbox"/> portable tool safety and awareness</li> <li><input checked="" type="checkbox"/> slips, trips, and falls</li> <li><input type="checkbox"/> strains and sprains</li> <li><input type="checkbox"/> anticipated visitors</li> <li><input type="checkbox"/> electrical ground fault</li> <li><input type="checkbox"/> public safety and fences</li> <li><input type="checkbox"/> excavator swing and loading</li> <li><input checked="" type="checkbox"/> orderly site and housekeeping</li> <li><input type="checkbox"/> smoking in designated areas</li> </ul> | <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> leather gloves for protection</li> <li><input type="checkbox"/> effects of the night before? Rain or snow?</li> <li><input type="checkbox"/> vibration related injuries</li> <li><input type="checkbox"/> noise hazards</li> <li><input type="checkbox"/> confined space entry</li> <li><input type="checkbox"/> hot work permits</li> <li><input type="checkbox"/> overhead utility locations cleared?</li> <li><input checked="" type="checkbox"/> all underground utilities cleared?</li> <li><input type="checkbox"/> equipment and machinery familiarization</li> <li><input checked="" type="checkbox"/> fire extinguisher locations</li> <li><input type="checkbox"/> eye wash station locations</li> <li><input type="checkbox"/> directions to hospital</li> <li><input checked="" type="checkbox"/> heat and cold stress</li> <li><input type="checkbox"/> decontamination steps</li> <li><input type="checkbox"/> review emergency protocol</li> <li><input type="checkbox"/> parking and laydown area</li> <li><input checked="" type="checkbox"/> vehicle backing up hazards</li> <li><input type="checkbox"/> accidents can be costly</li> <li><input type="checkbox"/> no horse play</li> <li><input checked="" type="checkbox"/> dust and vapor control</li> <li><input checked="" type="checkbox"/> refueling procedures</li> <li><input type="checkbox"/> flying debris hazards</li> <li><input type="checkbox"/> poison ivy/oak/sumac</li> </ul> <p><i>TT head aware NBS</i></p> |
|---|--|

**Other Discussion Items/Comments/Follow-up Actions:**

NAME (PRINT)	NAME (SIGNATURE)	COMPANY
<u>David D. Ratten</u>	<u>[Signature]</u>	<u>URH</u>
<u>Joel Morales</u>	<u>[Signature]</u>	<u>Kemron</u>
<u>Max O'Meara</u>	<u>[Signature]</u>	<u>VRH</u>
<u>Rick Yetman</u>	<u>[Signature]</u>	<u>VRH/HS</u>
<u>John Snyder</u>	<u>[Signature]</u>	<u>VAH</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

<b>CONTRACTOR PRODUCTION REPORT</b> <small>(ATTACH ADDITIONAL SHEETS IF NECESSARY)</small>			DATE	26 March 2014	
<b>CONTRACT NO</b> N40083-11-D-0032-0007		<b>TITLE AND LOCATION</b> UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana		<b>REPORT NO</b> 026	
<b>CONTRACTOR</b> VRHabilis-KEMRON, LLC			<b>SUPERINTENDENT</b> Joel Morales-Visbal		
<b>AM WEATHER</b> Clear		<b>PM WEATHER</b> Sunny		<b>MAX TEMP (F)</b> 50	<b>MIN TEMP (F)</b> 14
WORK PERFORMED TODAY					
Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
	Old Rifle Range / Project Oversight	Kemron	1	Superintendent	10
	Old Rifle Range / Project Safety and Oversight	VRHabilis	1	SSHO/QC Specialist	10
	Old Rifle Range	VRHabilis	3	Equipment Operator / Labor	27.5
<b>JOB SAFETY</b>	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<b>TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS</b>	
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	<b>CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT</b>	
	WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	<b>TOTAL WORK HOURS FROM START OF CONSTRUCTION</b>	
	WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO		
<b>Schedule Activity No.</b>	<b>LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED</b>			<input checked="" type="checkbox"/> SAFETY REQUIREMENTS HAVE BEEN MET.	
	Conducted site safety inspection (Excavations and Barriers)				
	Site Control established				
	Site safety Meeting (Lead awareness and Slips, trips and falls)				
EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)					
Schedule Activity No.	Submittal #	Description of Equipment/Material Received			
		373.4 tons of backfill for BA areas			
CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.					
Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used		
	Certified Rent	Komatsu PC 138 US LC Excavator	7		
	VRHabilis	Bobcat 320 Skid-Steer	4		
	Atco	Komatsu CD60R Tracked Dump Truck	1		
	McAllister	CAT D4	4		
	VRHabilis	John Deer 50D Mini Excavator Moved to SMU 17 P2 site			
<b>Schedule Activity No.</b>	<b>REMARKS</b>				
	Started work at 0700 with Safety Brief.				
	213.35 tons sent out from BA 1 staged soils.				
	To date back filled cells with soils onsite provided by NSA Crane are: BA 3, BA 7, BA 9, DA 1, DA 2 and BA 10				
	BA 2, BA 5, BA 6 & BA 8, and WTA 1 Cells awaiting clearance for back fill.				
	Staged BA 6 soils in two contamination rated piles on site for further testing.				
	 CONTRACTOR/SUPERINTENDENT			27 March 2014	
			DATE		

# CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 26 March 2014  
 REPORT NO 026

PHASE CONTRACT NO N40083-11-D-0032-0007 CONTRACT TITLE UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana

<b>PREPARATORY</b>	WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #
		N/A	

<b>INITIAL</b>	WAS INITIAL PHASE WORK PREFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #
		N/A	

<b>FOLLOW-UP</b>	WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	WORK COMPLIES WITH SAFETY REQUIREMENTS? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present	
		213.35 tons sent out from BA 5 staged soils. QC check of totals with scale house and weight tickets	
		Performed over all QC check of erosion control and area appearance.	
		373.4 tons of backfill for BA areas, reconciled with weight tickets.	

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description
	N/A		

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.	
Schedule Activity No.	Description

26 March 2014  
 AUTHORIZED QC MANAGER AT SITE DATE

## GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT	
Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER DATE

UX07 Old Rifle Range Contractor Daily Report Photographs 26 March 2014



Early morning loading of trucks for land fill.



Site area and back fill truck bringing soil.



Liner installed for contaminated staged BA 6 Soils.



Piled backfill soils in Cell BA 4 for BA Areas.



Back filled and compacted soils in grid DA 1.



Final excavation of Cell BA 6 for sampling.

## DAILY SAFETY MEETING

Project Name: UXO 7 CRANE IN

Date: 3/26/2014

Location: CRANE IN

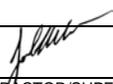
Presented by: D. Patton

**Check the Topics/Information Reviewed:**

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li><input type="radio"/> Daily work scope reviewed</li> <li><input checked="" type="checkbox"/> safety is everyone's responsibility</li> <li><input type="radio"/> site health and safety plan reviewed</li> <li><input checked="" type="checkbox"/> safety glasses, hard hat, safety boots</li> <li><input type="radio"/> employee Right-To- Know/MSDS location</li> <li><input checked="" type="checkbox"/> vehicle safety and driving/road conditions</li> <li><input type="radio"/> hazard analysis for all tasks or new technology</li> <li><input checked="" type="checkbox"/> chemical hazards</li> <li><input type="radio"/> first aid, safety, and PPE location</li> <li><input type="radio"/> sharp object, rebar, and scrap metal hazards</li> <li><input type="radio"/> latex gloves inner/nitrile gloves outer</li> <li><input checked="" type="checkbox"/> open pits, excavations, and trenching hazards</li> <li><input type="radio"/> excavation/trenching inspections/documentation</li> <li><input type="radio"/> full face respirators with proper cartridges</li> <li><input type="radio"/> upgrade to Level C at: <u>Work in Level C</u></li> <li><input type="radio"/> work stoppage at: _____</li> <li><input type="radio"/> portable tool safety and awareness</li> <li><input checked="" type="checkbox"/> slips, trips, and falls</li> <li><input checked="" type="checkbox"/> strains and sprains</li> <li><input type="radio"/> anticipated visitors</li> <li><input type="radio"/> electrical ground fault</li> <li><input type="radio"/> public safety and fences</li> <li><input checked="" type="checkbox"/> excavator swing and loading</li> <li><input type="radio"/> orderly site and housekeeping</li> <li><input type="radio"/> smoking in designated areas</li> </ul> | <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> leather gloves for protection</li> <li><input type="radio"/> effects of the night before? Rain or snow?</li> <li><input type="radio"/> vibration related injuries</li> <li><input type="radio"/> noise hazards</li> <li><input type="radio"/> confined space entry</li> <li><input type="radio"/> hot work permits</li> <li><input type="radio"/> overhead utility locations cleared?</li> <li><input checked="" type="checkbox"/> all underground utilities cleared?</li> <li><input type="radio"/> equipment and machinery familiarization</li> <li><input checked="" type="checkbox"/> fire extinguisher locations</li> <li><input checked="" type="checkbox"/> eye wash station locations</li> <li><input type="radio"/> directions to hospital</li> <li><input checked="" type="checkbox"/> heat and cold stress</li> <li><input type="radio"/> decontamination steps</li> <li><input type="radio"/> review emergency protocol</li> <li><input type="radio"/> parking and laydown area</li> <li><input checked="" type="checkbox"/> vehicle backing up hazards</li> <li><input type="radio"/> accidents can be costly</li> <li><input type="radio"/> no horse play</li> <li><input type="radio"/> dust and vapor control</li> <li><input type="radio"/> refueling procedures</li> <li><input type="radio"/> flying debris hazards</li> <li><input type="radio"/> poison ivy/oak/sumac</li> <li><input checked="" type="checkbox"/> head Awareness</li> </ul> |
|---|--|

**Other Discussion Items/Comments/Follow-up Actions:**

NAME (PRINT)	NAME (SIGNATURE)	COMPANY
<u>David Patton</u>	<u>[Signature]</u>	<u>VRH</u>
<u>Joel Morales</u>	<u>[Signature]</u>	<u>Kemron</u>
<u>John Snyder</u>	<u>[Signature]</u>	<u>VRHK</u>
<u>Rick Yetman</u>	<u>[Signature]</u>	<u>VRHK</u>
<u>Max O'Meara</u>	<u>[Signature]</u>	<u>VRH</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

<b>CONTRACTOR PRODUCTION REPORT</b> <small>(ATTACH ADDITIONAL SHEETS IF NECESSARY)</small>				DATE 27 March 2014	
CONTRACT NO N40083-11-D-0032-0007		TITLE AND LOCATION UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana		REPORT NO 027	
CONTRACTOR VRHabilis-KEMRON, LLC			SUPERINTENDENT Joel Morales-Visbal		
AM WEATHER Clear		PM WEATHER Sunny		MAX TEMP (F) 42	MIN TEMP (F) 33
WORK PERFORMED TODAY					
Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
	Old Rifle Range / Project Oversight	Kemron	1	Superintendent	10
	Old Rifle Range / Project Safety and Oversight	VRHabilis	1	SSHO/QC Specialist	10
	Old Rifle Range	VRHabilis	2	Equipment Operator / Labor	20
<b>JOB SAFETY</b>				TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS 40	
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO				CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT 1384.5	
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO				TOTAL WORK HOURS FROM START OF CONSTRUCTION 1424.5	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO					
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO					
Schedule Activity No.		LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED			<input checked="" type="checkbox"/> SAFETY REQUIREMENTS HAVE BEEN MET.
		Conducted site safety inspection (excavation operations)			
		Site Control established			
		Site safety Meeting (MSDS and General site housekeeping)			
EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)					
Schedule Activity No.	Submittal #	Description of Equipment/Material Received			
CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.					
Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)			Hours Used
	Certified Rent	Komatsu PC 138 US LC Excavator			4
	VRHabilis	Bobcat 320 Skid-Steer			4
	Atco	Komatsu CD60R Tracked Dump Truck			5
	Mac Allister	D4 Caterpillar Bulldozer			4
Schedule Activity No.		REMARKS			
		Started work at 0730 with Safety Brief.			
		Continued staging BA 1 & 6 soils in two separate piles (as per tetra Tech advice) on site for further testing.			
		To date back filled cells with soils onsite provided by NSA Crane are: BA 3, BA 7, BA 9, DA 1, DA 2 and BA 10			
		BA 1, BA 2, BA 5, BA 6 & BA 8, and WTA 1 Cells awaiting clearance for back fill.			
		Dug all Remaining Marked Stepouts.			
 _____ CONTRACTOR/SUPERINTENDENT				1 of April 2014 _____ DATE	

# CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 27 March 2014  
 REPORT NO 027

PHASE CONTRACT NO N40083-11-D-0032-0007 CONTRACT TITLE UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana

<b>PREPARATORY</b>	WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #
		N/A	

<b>INITIAL</b>	WAS INITIAL PHASE WORK PREFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #
		N/A	

<b>FOLLOW-UP</b>	WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	WORK COMPLIES WITH SAFETY REQUIREMENTS? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present	
		Used laser level to confirm depths of all open excavations.	
		Performed QC check of general overall site housekeeping.	
		Checked locations and serviceability of eyewashes and first aid kits.	

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description
	N/A		

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.	
Schedule Activity No.	Description



27 March 2014  
 AUTHORIZED QC MANAGER AT SITE DATE

**GOVERNMENT QUALITY ASSURANCE REPORT** DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT	
Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER DATE

UX07 Old Rifle Range Contractor Daily Report Photographs 27 March 2014



Excavation of step out in Cell BA 8. Looking North



Excavation of step out in Cell BA 5. Looking South



Staged back fill soils in Cells BA 8 & 4.



Additional step out 4x2x195 foot in Cell BA 1.



Additional step out 4x2x195 foot in Cell BA 1.



Staged, covered and segregated soils from step outs.

## DAILY SAFETY MEETING

Project Name: UXO 7 CRANE IN

Date: March 27, 2014

Location: CRANE IN

Presented by: Dave Pette

**Check the Topics/Information Reviewed:**

- Daily work scope reviewed
- safety is everyone's responsibility
- site health and safety plan reviewed
- safety glasses, hard hat, safety boots
- employee Right-To-Know/MSDS location
- vehicle safety and driving/road conditions
- hazard analysis for all tasks or new technology
- chemical hazards
- first aid, safety, and PPE location
- sharp object, rebar, and scrap metal hazards
- latex gloves inner/nitrile gloves outer
- open pits, excavations, and trenching hazards
- excavation/trenching inspections/documentation
- full face respirators with proper cartridges
- upgrade to Level C at: Work in Level C
- work stoppage at: \_\_\_\_\_
- portable tool safety and awareness
- slips, trips, and falls
- strains and sprains
- anticipated visitors
- electrical ground fault
- public safety and fences
- excavator swing and loading
- orderly site and housekeeping
- smoking in designated areas

- leather gloves for protection
- effects of the night before? Rain or snow?
- vibration related injuries
- noise hazards
- confined space entry
- hot work permits
- overhead utility locations cleared?
- all underground utilities cleared?
- equipment and machinery familiarization
- fire extinguisher locations
- eye wash station locations
- directions to hospital
- heat and cold stress
- decontamination steps
- review emergency protocol
- parking and laydown area
- vehicle backing up hazards
- accidents can be costly
- no horse play
- dust and vapor control
- refueling procedures
- flying debris hazards
- poison ivy/oak/sumac
- head AWARENESS

**Other Discussion Items/Comments/Follow-up Actions:**

NAME (PRINT)	NAME (SIGNATURE)	COMPANY
<u>David Patton</u>	<u>[Signature]</u>	<u>VRM</u>
<u>Joel Morales</u>	<u>[Signature]</u>	<u>Kemron</u>
<u>Max O'Meara</u>	<u>[Signature]</u>	<u>VRH</u>
<u>Rick Yetman</u>	<u>[Signature]</u>	<u>VRH</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

# CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 28 March 2014

CONTRACT NO  
N40083-11-D-0032-0007

TITLE AND LOCATION  
UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana

REPORT NO 028

CONTRACTOR  
VRHabilis-KEMRON, LLC

SUPERINTENDENT  
Joel Morales-Visbal

AM WEATHER  
Clear

PM WEATHER  
Sunny

MAX TEMP (F)  
42

MIN TEMP (F)  
33

### WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
	Old Rifle Range / Project Oversight	Kemron	1	Superintendent	0
	Old Rifle Range / Project Safety and Oversight	VRHabilis	1	SSHO/QC Specialist	8
	Old Rifle Range	VRHabilis	2	Equipment Operator / Labor	16

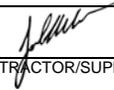
<b>JOB SAFETY</b>	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	24
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	1424.5
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)				<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)				<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
				TOTAL WORK HOURS FROM START OF CONSTRUCTION	1448.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	<input checked="" type="checkbox"/> SAFETY REQUIREMENTS HAVE BEEN MET.
	Conducted site safety inspection (excavation operations)	
	Site Control established	
	Site safety Meeting (MSDS and General site housekeeping)	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)		
Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.			
Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Certified Rent	Komatsu PC 138 US LC Excavator	4
	VRHabilis	Bobcat 320 Skid-Steer	4
	Atco	Komatsu CD60R Tracked Dump Truck	5
	Mac Allister	D4 Caterpillar Bulldozer	4

Schedule Activity No.	REMARKS
	Started work at 0730 with Safety Brief.
	Continued staging BA 1 & 6 soils in two contamination rated piles on site for further testing.
	To date back filled cells with soils onsite provided by NSA Crane are: BA 3, BA 7, BA 9, DA 1, DA 2 and BA 10
	BA 1, BA 2, BA 5, BA 6 & BA 8, and WTA 1 Cells awaiting clearance for back fill.

  
 \_\_\_\_\_  
 CONTRACTOR/SUPERINTENDENT

1<sup>st</sup> April 2014  
 \_\_\_\_\_  
 DATE

# CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 28 March 2014  
 REPORT NO 028

PHASE CONTRACT NO **N40083-11-D-0032-0007** CONTRACT TITLE **UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana**

**PREPARATORY**

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES  NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #
	N/A	

**INITIAL**

WAS INITIAL PHASE WORK PREFORMED TODAY? YES  NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #
	N/A	

**FOLLOW-UP**

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES  NO

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES  NO

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
	Observed compacting of soils in one foot lifts
	Performed QC checked all totals of back fill by checking weight tickets.
	Checked locations and serviceability fire extinguishers.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description
	N/A		

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

28 March 2014  
 AUTHORIZED QC MANAGER AT SITE DATE

## GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER DATE

UX07 Old Rifle Range Contractor Daily Report Photographs 28 March 2014



Spreading Back fill soils Cells BA 4 & BA 5.



Water standing in Cell BA 1 Southeast corner.



Back fill soils Cells BA 8 & BA 4.



Dump truck unloading back fill for BA Areas.



Back filled and compacted soils in BA areas.



Compacting soils in Cell BA 1. Looking West

## DAILY SAFETY MEETING

Project Name: UXO 7

Date: 3/28/2014

Location: CRANE, IN

Presented by: D. Patton

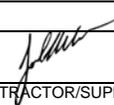
**Check the Topics/Information Reviewed:**

- Daily work scope reviewed
- safety is everyone's responsibility
- site health and safety plan reviewed
- safety glasses, hard hat, safety boots
- employee Right-To-Know/MSDS location
- vehicle safety and driving/road conditions
- hazard analysis for all tasks or new technology
- chemical hazards
- first aid, safety, and PPE location
- sharp object, rebar, and scrap metal hazards
- latex gloves inner/nitrile gloves outer
- open pits, excavations, and trenching hazards
- excavation/trenching inspections/documentation
- full face respirators with proper cartridges
- upgrade to Level C at: \_\_\_\_\_
- work stoppage at: \_\_\_\_\_
- portable tool safety and awareness
- slips, trips, and falls
- strains and sprains
- anticipated visitors
- electrical ground fault
- public safety and fences
- excavator swing and loading
- orderly site and housekeeping
- smoking in designated areas

- leather gloves for protection
- effects of the night before? Rain or snow?
- vibration related injuries
- noise hazards
- confined space entry
- hot work permits
- overhead utility locations cleared?
- all underground utilities cleared?
- equipment and machinery familiarization
- fire extinguisher locations
- eye wash station locations
- directions to hospital
- heat and cold stress
- decontamination steps
- review emergency protocol
- parking and laydown area
- vehicle backing up hazards
- accidents can be costly
- no horse play
- dust and vapor control
- refueling procedures
- flying debris hazards
- poison ivy/oak/sumac
- Lead Awareness

**Other Discussion Items/Comments/Follow-up Actions:**

NAME (PRINT)	NAME (SIGNATURE)	COMPANY
<u>David Patton</u>	<u>[Signature]</u>	<u>VRH</u>
<u>Joel Morales</u>	_____	<u>Kemron</u>
<u>Max O'Meara</u>	<u>[Signature]</u>	<u>VRH</u>
<u>Rick Yetman</u>	<u>[Signature]</u>	<u>VRH</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

<b>CONTRACTOR PRODUCTION REPORT</b> <small>(ATTACH ADDITIONAL SHEETS IF NECESSARY)</small>				DATE 31 March 2014			
CONTRACT NO N40083-11-D-0032-0007		TITLE AND LOCATION UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana		REPORT NO 029			
CONTRACTOR VRHabilis-KEMRON, LLC			SUPERINTENDENT Joel Morales-Visbal				
AM WEATHER Overcast/light rain		PM WEATHER Clearing		MAX TEMP (F) 53	MIN TEMP (F) 50		
WORK PERFORMED TODAY							
Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS		
	Old Rifle Range / Project Oversight	Kemron	1	Superintendent	0		
	Old Rifle Range / Project Safety and Oversight	VRHabilis	1	SSHO/QC Specialist	8		
	Old Rifle Range	VRHabilis	2	Equipment Operator / Labor	16		
<b>JOB SAFETY</b>	WAS A JOB SAFETY MEETING HELD THIS DATE? <small>(If YES attach copy of the meeting minutes)</small>			<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	24
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <small>(If YES attach copy of completed OSHA report)</small>			<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	1464.5
	WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? <small>(If YES attach statement or checklist showing inspection performed.)</small>			<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION	1488.5
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? <small>(If YES attach description of incident and proposed action.)</small>			<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO			
Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED				<input checked="" type="checkbox"/> SAFETY REQUIREMENTS HAVE BEEN MET.		
	Conducted site safety inspection (excavation operations)						
	Site Control established						
	Site safety Meeting (MSDS and General site housekeeping)						
EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)							
Schedule Activity No.	Submittal #	Description of Equipment/Material Received					
		Back fill received 749.50 Tons					
CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.							
Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)				Hours Used	
	Certified Rent	Komatsu PC 138 US LC Excavator				2	
	VRHabilis	Bobcat 320 Skid-Steer				0	
	Atco	Komatsu CD60R Tracked Dump Truck				2	
	Mac Allister	D4 Caterpillar Bulldozer				2	
Schedule Activity No.	REMARKS						
	Started work at 0730 with Safety Brief.						
	Repaired roads after wet weather and heavy dump truck traffic.						
	To date back filled cells with soils onsite provided by NSA Crane are: BA 3, BA 7, BA 9, DA 1, DA 2 and BA 10						
	BA 1, BA 2, BA 5, BA 6 & BA 8, and WTA 1 Cells awaiting clearance for back fill.						
	Dug step outs in cells BA 1, BA 4 and BA 6. Also cut trees and brush in west trap area.						
 _____ CONTRACTOR/SUPERINTENDENT					1 April 2014 _____ DATE		

# CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 28 March 2014  
 REPORT NO 028

PHASE CONTRACT NO N40083-11-D-0032-0007 CONTRACT TITLE UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana

**PREPARATORY**

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES  NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #
	N/A	

**INITIAL**

WAS INITIAL PHASE WORK PREFORMED TODAY? YES  NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #
	N/A	

**FOLLOW-UP**

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES  NO

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES  NO

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
	Observed compacting of soils in one foot lifts
	Performed QC checked all totals of back fill by checking weight tickets.
	Checked locations and serviceability fire extinguishers.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description
	N/A		

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

AUTHORIZED QC MANAGER AT SITE

28 March 2014  
DATE

## GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER

DATE

UX07 Old Rifle Range Contractor Daily Report Photographs 28 March 2014



Spreading Back fill soils Cells BA 4 & BA 5.



Water standing in Cell BA 1 Southeast corner.



Back fill soils Cells BA 8 & BA 4.



Dump truck unloading back fill for BA Areas.



Back filled and compacted soils in BA areas.



Compacting soils in Cell BA 1. Looking West

## DAILY SAFETY MEETING

Project Name: UXO 7

Date: 3/28/2014

Location: CRANE, IN

Presented by: D. Patton

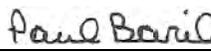
**Check the Topics/Information Reviewed:**

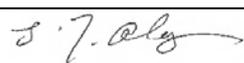
- Daily work scope reviewed
- safety is everyone's responsibility
- site health and safety plan reviewed
- safety glasses, hard hat, safety boots
- employee Right-To-Know/MSDS location
- vehicle safety and driving/road conditions
- hazard analysis for all tasks or new technology
- chemical hazards
- first aid, safety, and PPE location
- sharp object, rebar, and scrap metal hazards
- latex gloves inner/nitrile gloves outer
- open pits, excavations, and trenching hazards
- excavation/trenching inspections/documentation
- full face respirators with proper cartridges
- upgrade to Level C at: \_\_\_\_\_
- work stoppage at: \_\_\_\_\_
- portable tool safety and awareness
- slips, trips, and falls
- strains and sprains
- anticipated visitors
- electrical ground fault
- public safety and fences
- excavator swing and loading
- orderly site and housekeeping
- smoking in designated areas

- leather gloves for protection
- effects of the night before? Rain or snow?
- vibration related injuries
- noise hazards
- confined space entry
- hot work permits
- overhead utility locations cleared?
- all underground utilities cleared?
- equipment and machinery familiarization
- fire extinguisher locations
- eye wash station locations
- directions to hospital
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- decontamination steps
- review emergency protocol
- parking and laydown area
- vehicle backing up hazards
- accidents can be costly
- no horse play
- dust and vapor control
- refueling procedures
- flying debris hazards
- poison ivy/oak/sumac
- Lead Awareness

**Other Discussion Items/Comments/Follow-up Actions:**

NAME (PRINT)	NAME (SIGNATURE)	COMPANY
<u>David Patton</u>	<u>[Signature]</u>	<u>VRH</u>
<u>Joel Morales</u>	_____	<u>Kemron</u>
<u>Max O'Meara</u>	<u>[Signature]</u>	<u>VRH</u>
<u>Rick Yetman</u>	<u>[Signature]</u>	<u>VRH</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

<b>CONTRACTOR PRODUCTION REPORT</b> <small>(ATTACH ADDITIONAL SHEETS IF NECESSARY)</small>				DATE 1 April 2014	
CONTRACT NO N40083-11-D-0032-0007		TITLE AND LOCATION UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana		REPORT NO 030	
CONTRACTOR VRHabilis-KEMRON, LLC			SUPERINTENDENT Paul Baril		
AM WEATHER Clear		PM WEATHER Clear		MAX TEMP (F) 67	MIN TEMP (F) 50
WORK PERFORMED TODAY					
Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
	Old Rifle Range / Project Oversight	VRHabilis	1	Superintendent	3
	Old Rifle Range / Project Safety and Oversight	VRHabilis	1	SSHO/QC Specialist	3
	Old Rifle Range	VRHabilis	2	Equipment Operator / Labor	6
<b>JOB SAFETY</b>		WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CONT SHEETS	
		WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO				TOTAL WORK HOURS FROM START OF CONSTRUCTION	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO					
Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED			<input checked="" type="checkbox"/> SAFETY REQUIREMENTS HAVE BEEN MET.	
	Conducted site safety meeting with all personnel present. Topics discussed and personnel present noted on Daily Safety Sign-in form.				
	Inspected erosion control measures. No discrepancies noted.				
	Conducted site safety inspection. No discrepancies noted.				
EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)					
Schedule Activity No.	Submittal #	Description of Equipment/Material Received			
CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.					
Schedule Activity No.	Owner	Description of Construction Equipment Used Today (including Make and Model)			Hours Used
	VRHabilis	Bobcat T300 Skidsteer			0
	Certified Rent	Komatsu PC 138 US LC Excavator			2
	Atco	Komatsu CD60R Tracked Dump Truck			2
	MacAllister	D4 Caterpillar Bulldozer			1
Schedule Activity No.	REMARKS				
	Removed soil from step outs in cells BA-4 (wall EA), BA-6 (wall AA) and West Trap Range (walls HA and HB).				
	Following expansion of cells BA-4, BA-6 and West Trap Range, soil sampling was conducted by Tetra Tech.				
	Covered all consolidated and staged soils with 6 mil poly material.				
 CONTRACTOR/SUPERINTENDENT			1 April 2014 DATE		

<b>CONTRACTOR QUALITY CONTROL REPORT</b>				DATE	1 April 2014
(ATTACH ADDITIONAL SHEETS IF NECESSARY)				REPORT NO	030
PHASE	CONTRACT NO	N40083-11-D-0032-0007	CONTRACT TITLE	UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana	
<b>PREPARATORY</b>	WAS PREPARATORY PHASE WORK PERFORMED TODAY?				YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.				
	Schedule Activity No.	Definable Feature of Work			Index #
<b>INITIAL</b>	WAS INITIAL PHASE WORK PERFORMED TODAY?				YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.				
	Schedule Activity No.	Definable Feature of Work			Index #
<b>FOLLOW-UP</b>	WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE?				YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
	WORK COMPLIES WITH SAFETY REQUIREMENTS?				YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
	Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present			
		<b>Definable Feature of Work:</b> Excavation, stockpiling and potential treatment of impacted soils.			
		Removed soil from step outs in cells BA-4 (wall EA), BA-6 (wall AA) and West Trap Range (walls HA and HB).			
		Following expansion of cells BA-4, BA-6 and West Trap Range, soil sampling was conducted by Tetra Tech.			
REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)			
Schedule Activity No.	Description	Schedule Activity No.	Description		
REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.					
Schedule Activity No.	Description				
	All work conducted was completed in accordance with the Work Plan and the Accident Prevention Plan. No discrepancies were noted.				
 AUTHORIZED QC MANAGER AT SITE				1 April 2014 DATE	
<b>GOVERNMENT QUALITY ASSURANCE REPORT</b>				DATE	
QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT					
Schedule Activity No.	Description				
_____ GOVERNMENT QUALITY ASSURANCE MANAGER				DATE	

# DAILY SAFETY MEETING

Project Name: UX07

Date: 1 APRIL 2014

Location: Naval Support Activity Crane

Presented by: PAUZ BARZ

**Check the Topics/Information Reviewed:**

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Daily work scope reviewed</li> <li><input checked="" type="checkbox"/> safety is everyone's responsibility</li> <li><input type="checkbox"/> site health and safety plan reviewed</li> <li><input checked="" type="checkbox"/> safety glasses, hard hat, safety boots</li> <li><input type="checkbox"/> employee Right-To- Know/MSDS location</li> <li><input type="checkbox"/> vehicle safety and driving/road conditions</li> <li><input type="checkbox"/> hazard analysis for all tasks or new technology</li> <li><input type="checkbox"/> chemical hazards</li> <li><input checked="" type="checkbox"/> first aid, safety, and PPE location</li> <li><input type="checkbox"/> sharp object, rebar, and scrap metal hazards</li> <li><input type="checkbox"/> latex gloves inner/nitrile gloves outer</li> <li><input checked="" type="checkbox"/> open pits, excavations, and trenching hazards</li> <li><input type="checkbox"/> excavation/trenching inspections/documentation</li> <li><input type="checkbox"/> full face respirators with proper cartridges</li> <li><input type="checkbox"/> upgrade to Level C at:</li> <li><input type="checkbox"/> work stoppage at:</li> <li><input checked="" type="checkbox"/> portable tool safety and awareness</li> <li><input checked="" type="checkbox"/> slips, trips, and falls</li> <li><input checked="" type="checkbox"/> strains and sprains</li> <li><input type="checkbox"/> anticipated visitors</li> <li><input type="checkbox"/> electrical ground fault</li> <li><input checked="" type="checkbox"/> public safety and fences</li> <li><input type="checkbox"/> excavator swing and loading</li> <li><input checked="" type="checkbox"/> orderly site and housekeeping</li> <li><input checked="" type="checkbox"/> smoking in designated areas</li> </ul> | <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> leather gloves for protection</li> <li><input type="checkbox"/> effects of the night before? Rain or snow?</li> <li><input type="checkbox"/> vibration related injuries</li> <li><input type="checkbox"/> noise hazards</li> <li><input type="checkbox"/> confined space entry</li> <li><input type="checkbox"/> hot work permits</li> <li><input type="checkbox"/> overhead utility locations cleared?</li> <li><input type="checkbox"/> all underground utilities cleared?</li> <li><input type="checkbox"/> equipment and machinery familiarization</li> <li><input checked="" type="checkbox"/> fire extinguisher locations</li> <li><input checked="" type="checkbox"/> eye wash station locations</li> <li><input checked="" type="checkbox"/> directions to hospital</li> <li><input type="checkbox"/> heat and cold stress</li> <li><input type="checkbox"/> decontamination steps</li> <li><input type="checkbox"/> review emergency protocol</li> <li><input checked="" type="checkbox"/> parking and laydown area</li> <li><input type="checkbox"/> vehicle backing up hazards</li> <li><input checked="" type="checkbox"/> accidents can be costly</li> <li><input checked="" type="checkbox"/> no horse play</li> <li><input checked="" type="checkbox"/> dust and vapor control</li> <li><input type="checkbox"/> refueling procedures</li> <li><input checked="" type="checkbox"/> flying debris hazards</li> <li><input type="checkbox"/> poison ivy/oak/sumac</li> </ul> |
|--|--|

**Other Discussion Items/Comments/Follow-up Actions:**

NAME (PRINT)	NAME (SIGNATURE)	COMPANY
<u>PAUZ BARZ</u>	<u>[Signature]</u>	<u>VRHC</u>
<u>Rick Yetman</u>	<u>[Signature]</u>	<u>VRHK</u>
<u>John Snyder</u>	<u>[Signature]</u>	<u>VRHK</u>
<u>Scott Alagna</u>	<u>[Signature]</u>	<u>VRHK</u>
_____	_____	_____

**Instructions:**

- # Conduct a daily safety meeting prior to beginning each day's site activities.
- # Complete form, obtain signatures, and file with the Daily Summary.
- # Follow-up on any noted items and document resolution of any action items.

UXO 7-Old Rifle Range Contractor Daily Report Photographs 1 APR 2014



Bull dozer moving to West Range



Conducting step out soil removal on BA-6



Tetra Tech conducting sampling on step out wall



Consolidated soils staged for removal facing NW



Consolidated soils staged for removal facing West



Consolidated soils staged for removal facing East

# CONTRACTOR PRODUCTION REPORT

DATE 2 April 2014

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO  
N40083-11-D-0032-0007

TITLE AND LOCATION  
UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana

REPORT NO 031

CONTRACTOR  
VRHabilis-KEMRON, LLC

SUPERINTENDENT  
Paul Baril

AM WEATHER  
Thunderstorms

PM WEATHER  
Thunderstorms

MAX TEMP (F) 55

MIN TEMP (F) 45

## WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
	Old Rifle Range / Project Oversight	VRHabilis	1	Superintendent	1.5
	Old Rifle Range / Project Safety and Oversight	VRHabilis	1	SSHO/QC Specialist	1.5
	Old Rifle Range	VRHabilis	2	Equipment Operator / Labor	3

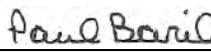
<b>JOB SAFETY</b>	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CONT SHEETS	6
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	1500.5
	WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION	1506.5
	WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO		

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED <input checked="" type="checkbox"/> SAFETY REQUIREMENTS HAVE BEEN MET.
	Conducted site safety meeting with all personnel present. Topics discussed and personnel present noted on Daily Safety Sign-in form.
	Inspected erosion control measures. No discrepancies noted.
	Conducted site safety inspection. No discrepancies noted.

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (including Make and Model)	Hours Used
	VRHabilis	Bobcat T300 Skidsteer	0
	Certified Rent	Komatsu PC 138 US LC Excavator	1
	Atco	Komatsu CD60R Tracked Dump Truck	1
	MacAllister	D4 Caterpillar Bulldozer	0

Schedule Activity No.	REMARKS
	Removed soil from step outs in cells BA-4 (walls EA and CA).
	Covered all consolidated and staged soils with 6 mil poly material.

  
 \_\_\_\_\_  
 CONTRACTOR/SUPERINTENDENT

2 April 2014  
 \_\_\_\_\_  
 DATE

# CONTRACTOR QUALITY CONTROL REPORT

DATE 2 April 2014

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

REPORT NO 031

PHASE	CONTRACT NO <span style="float: right;">N40083-11-D-0032-0007</span>	CONTRACT TITLE <span style="float: right;">UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana</span>
-------	--	---

<b>PREPARATORY</b>	WAS PREPARATORY PHASE WORK PERFORMED TODAY? <span style="float: right;">YES <input type="checkbox"/> NO <input checked="" type="checkbox"/></span>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #

<b>INITIAL</b>	WAS INITIAL PHASE WORK PERFORMED TODAY? <span style="float: right;">YES <input type="checkbox"/> NO <input checked="" type="checkbox"/></span>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #

<b>FOLLOW-UP</b>	WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? <span style="float: right;">YES <input checked="" type="checkbox"/> NO <input type="checkbox"/></span>		
	WORK COMPLIES WITH SAFETY REQUIREMENTS? <span style="float: right;">YES <input checked="" type="checkbox"/> NO <input type="checkbox"/></span>		
	Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present	
		<b>Definable Feature of Work:</b> Excavation, stockpiling and potential treatment of impacted soils.	
		Removed soil from step outs in cells BA-4 (walls EA and CA).	
		Covered all consolidated and staged soils with 6 mil poly material.	

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.	
Schedule Activity No.	Description
	All work conducted was completed in accordance with the Work Plan and the Accident Prevention Plan. No discrepancies were noted.

AUTHORIZED QC MANAGER AT SITE 2 April 2014  
 DATE

## GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT	
Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER DATE

# DAILY SAFETY MEETING

Project Name: \_\_\_\_\_

Date: 2 APR 22 2014

Location: Naval Support Activity Crane

Presented by: SCOTT ALOGNA

**Check the Topics/Information Reviewed:**

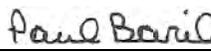
- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Daily work scope reviewed</li> <li><input checked="" type="checkbox"/> safety is everyone's responsibility</li> <li><input checked="" type="checkbox"/> site health and safety plan reviewed</li> <li><input checked="" type="checkbox"/> safety glasses, hard hat, safety boots</li> <li><input type="checkbox"/> employee Right-To- Know/MSDS location</li> <li><input checked="" type="checkbox"/> vehicle safety and driving/road conditions</li> <li><input type="checkbox"/> hazard analysis for all tasks or new technology</li> <li><input type="checkbox"/> chemical hazards</li> <li><input checked="" type="checkbox"/> first aid, safety, and PPE location</li> <li><input checked="" type="checkbox"/> sharp object, rebar, and scrap metal hazards</li> <li><input type="checkbox"/> latex gloves inner/nitrile gloves outer</li> <li><input checked="" type="checkbox"/> open pits, excavations, and trenching hazards</li> <li><input type="checkbox"/> excavation/trenching inspections/documentation</li> <li><input type="checkbox"/> full face respirators with proper cartridges</li> <li><input type="checkbox"/> upgrade to Level C at:</li> <li><input type="checkbox"/> work stoppage at:</li> <li><input checked="" type="checkbox"/> portable tool safety and awareness</li> <li><input checked="" type="checkbox"/> slips, trips, and falls</li> <li><input type="checkbox"/> strains and sprains</li> <li><input type="checkbox"/> anticipated visitors</li> <li><input type="checkbox"/> electrical ground fault</li> <li><input checked="" type="checkbox"/> public safety and fences</li> <li><input checked="" type="checkbox"/> excavator swing and loading</li> <li><input checked="" type="checkbox"/> orderly site and housekeeping</li> <li><input checked="" type="checkbox"/> smoking in designated areas</li> </ul> | <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> leather gloves for protection</li> <li><input checked="" type="checkbox"/> effects of the night before? <u>Rain</u> or snow?</li> <li><input checked="" type="checkbox"/> vibration related injuries</li> <li><input checked="" type="checkbox"/> noise hazards</li> <li><input type="checkbox"/> confined space entry</li> <li><input type="checkbox"/> hot work permits</li> <li><input type="checkbox"/> overhead utility locations cleared?</li> <li><input type="checkbox"/> all underground utilities cleared?</li> <li><input type="checkbox"/> equipment and machinery familiarization</li> <li><input checked="" type="checkbox"/> fire extinguisher locations</li> <li><input checked="" type="checkbox"/> eye wash station locations</li> <li><input checked="" type="checkbox"/> directions to hospital</li> <li><input type="checkbox"/> heat and cold stress</li> <li><input checked="" type="checkbox"/> decontamination steps</li> <li><input type="checkbox"/> review emergency protocol</li> <li><input checked="" type="checkbox"/> parking and laydown area</li> <li><input checked="" type="checkbox"/> vehicle backing up hazards</li> <li><input checked="" type="checkbox"/> accidents can be costly</li> <li><input checked="" type="checkbox"/> no horse play</li> <li><input checked="" type="checkbox"/> dust and vapor control</li> <li><input type="checkbox"/> refueling procedures</li> <li><input checked="" type="checkbox"/> flying debris hazards</li> <li><input type="checkbox"/> poison ivy/oak/sumac</li> </ul> |
|---|--|

**Other Discussion Items/Comments/Follow-up Actions:**

NAME (PRINT)	NAME (SIGNATURE)	COMPANY
<u>Scott Alogna</u>	<u>S. Alogna</u>	<u>VRHK</u>
<u>PAUL BAKER</u>	<u>P</u>	<u>VRHK</u>
<u>Rick Yetman</u>	<u>Rick Yetman</u>	<u>VRHK</u>
<u>John Snyder</u>	<u>J. Snyder</u>	<u>VRHK</u>
_____	_____	_____

**Instructions:**

- # Conduct a daily safety meeting prior to beginning each day's site activities.
- # Complete form, obtain signatures, and file with the Daily Summary.
- # Follow-up on any noted items and document resolution of any action items.

<b>CONTRACTOR PRODUCTION REPORT</b>				DATE	
(ATTACH ADDITIONAL SHEETS IF NECESSARY)				15 April 2014	
CONTRACT NO N40083-11-D-0032-0007		TITLE AND LOCATION UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana		REPORT NO 032	
CONTRACTOR VRHabilis-KEMRON, LLC			SUPERINTENDENT Paul Baril		
AM WEATHER Scattered clouds		PM WEATHER Overcast		MAX TEMP (F) 41	MIN TEMP (F) 32
WORK PERFORMED TODAY					
Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
	Old Rifle Range / Project Oversight	VRHabilis	1	Superintendent	10
	Old Rifle Range / Project Safety and Oversight	VRHabilis	1	SSHO/QC Specialist	10
	Old Rifle Range	VRHabilis	3	Equipment Operator / Labor	30
<b>JOB SAFETY</b>		WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
		WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CONT SHEETS	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
				TOTAL WORK HOURS FROM START OF CONSTRUCTION	
Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED			<input checked="" type="checkbox"/> SAFETY REQUIREMENTS HAVE BEEN MET.	
	Conducted site safety meeting with all personnel present. Topics discussed and personnel present noted on Daily Safety Sign-in form.				
	Inspected erosion control measures. No discrepancies noted.				
	Conducted site safety inspection. No discrepancies noted.				
EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)					
Schedule Activity No.	Submittal #	Description of Equipment/Material Received			
CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.					
Schedule Activity No.	Owner	Description of Construction Equipment Used Today (including Make and Model)			Hours Used
	VRHabilis	Bobcat T320 Skidsteer (final hours - 1384.7)			0
	VRHabilis	Bobcat T300 Skidsteer (final hours - 1434.9)			0
	Certified Rent	Komatsu PC 138 US LC Excavator (final hours - 923.8)			8
	Atco	Komatsu CD60R Tracked Dump Truck (final hours - 4737.1)			5
	MacAllister	D4 Caterpillar Bulldozer (final hours - 947.3)			5
Schedule Activity No.	REMARKS				
	Removed and transported off site, 295 tons of non-treated soils from the southern soil stockpile across from the 400 yard firing position.				
	Incorporated the standing stockpile of topsoil located east of UXO 7 into cells BA4 and BA6. Graded the former stockpile location and prepped the area for final restoration.				
	Commenced removing the access roads leading into the cells located at the East and West trap ranges.				
	Currently, 43.05 tons of topsoil that was delivered on 11 April 2014 is staged at the West Trap range.				
	Covered the consolidated and staged soils across from the 400 yard firing position with 6 mil poly material.				
	Tetra Tech conducted delineation sampling at the final step out area located along the North East border of BA4.				
 CONTRACTOR/SUPERINTENDENT				15 April 2014 DATE	

<b>CONTRACTOR QUALITY CONTROL REPORT</b>				DATE 15 April 2014	
(ATTACH ADDITIONAL SHEETS IF NECESSARY)				REPORT NO 032	
PHASE	CONTRACT NO	CONTRACT TITLE			
	N40083-11-D-0032-0007	UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana			
<b>PREPARATORY</b>	WAS PREPARATORY PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>				
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.				
	Schedule Activity No.	Definable Feature of Work	Index #		
<b>INITIAL</b>	WAS INITIAL PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>				
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.				
	Schedule Activity No.	Definable Feature of Work	Index #		
<b>FOLLOW-UP</b>	WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>				
	WORK COMPLIES WITH SAFETY REQUIREMENTS? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>				
	Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present			
		<b>Definable Feature of Work:</b> Restoration.			
		Removed and transported off site, 295 tons of non-treated soils from the southern soil stockpile across from the 400 yard firing position.			
		Incorporated the standing stockpile of topsoil located east of UXO 7 into cells BA4 and BA6. Graded the former stockpile location and prepped the area for final restoration.			
		Commenced removing the access roads leading into the cells located at the East and West trap ranges.			
REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)			REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)		
Schedule Activity No.	Description	Schedule Activity No.	Description		
REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.					
Schedule Activity No.	Description				
	All work conducted was completed in accordance with the Work Plan and the Accident Prevention Plan. No discrepancies were noted.				
 AUTHORIZED QC MANAGER AT SITE					15 April 2014 DATE
<b>GOVERNMENT QUALITY ASSURANCE REPORT</b>				DATE	
QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT					
Schedule Activity No.	Description				
GOVERNMENT QUALITY ASSURANCE MANAGER					DATE

# DAILY SAFETY MEETING

Project Name: UXO 7 Old Rifle and Trap Ranges

Date: 15 APR 2014

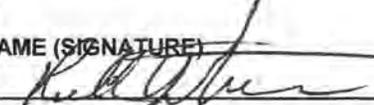
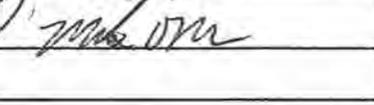
Location: Naval Support Activity Crane

Presented by:   
**RONALD S. MADDEN**

**Check the Topics/Information Reviewed:**

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li><input type="checkbox"/> Daily work scope reviewed</li> <li><input type="checkbox"/> safety is everyone's responsibility</li> <li><input type="checkbox"/> site health and safety plan reviewed</li> <li><input type="checkbox"/> safety glasses, hard hat, safety boots</li> <li><input type="checkbox"/> employee Right-To- Know/MSDS location</li> <li><input type="checkbox"/> vehicle safety and driving/road conditions</li> <li><input type="checkbox"/> hazard analysis for all tasks or new technology</li> <li><input type="checkbox"/> chemical hazards -Lead</li> <li><input type="checkbox"/> first aid, safety, and PPE location</li> <li><input type="checkbox"/> sharp object, rebar, and scrap metal hazards</li> <li><input type="checkbox"/> latex gloves inner/nitrile gloves outer</li> <li><input type="checkbox"/> open pits, excavations, and trenching hazards</li> <li><input type="checkbox"/> excavation/trenching inspections/documentation</li> <li><input type="checkbox"/> full face respirators with proper cartridges</li> <li><input type="checkbox"/> upgrade to Level C at:</li> <li><input type="checkbox"/> work stoppage at:</li> <li><input type="checkbox"/> portable tool safety and awareness</li> <li><input checked="" type="checkbox"/> slips, trips, and falls</li> <li><input checked="" type="checkbox"/> strains and sprains</li> <li><input type="checkbox"/> anticipated visitors</li> <li><input type="checkbox"/> electrical ground fault</li> <li><input type="checkbox"/> public safety and fences</li> <li><input checked="" type="checkbox"/> excavator swing and loading</li> <li><input type="checkbox"/> orderly site and housekeeping</li> <li><input type="checkbox"/> smoking in designated areas</li> </ul> | <ul style="list-style-type: none"> <li><input type="checkbox"/> leather gloves for protection</li> <li><input type="checkbox"/> effects of the night before? Rain or snow?</li> <li><input type="checkbox"/> vibration related injuries</li> <li><input type="checkbox"/> noise hazards</li> <li><input type="checkbox"/> confined space entry</li> <li><input type="checkbox"/> hot work permits</li> <li><input type="checkbox"/> overhead utility locations cleared?</li> <li><input type="checkbox"/> all underground utilities cleared?</li> <li><input type="checkbox"/> equipment and machinery familiarization</li> <li><input type="checkbox"/> fire extinguisher locations</li> <li><input type="checkbox"/> eye wash station locations</li> <li><input type="checkbox"/> directions to hospital</li> <li><input type="checkbox"/> heat and cold stress</li> <li><input type="checkbox"/> decontamination steps</li> <li><input type="checkbox"/> review emergency protocol</li> <li><input type="checkbox"/> parking and laydown area</li> <li><input type="checkbox"/> vehicle backing up hazards</li> <li><input type="checkbox"/> accidents can be costly</li> <li><input type="checkbox"/> no horse play</li> <li><input type="checkbox"/> dust and vapor control</li> <li><input type="checkbox"/> refueling procedures</li> <li><input type="checkbox"/> flying debris hazards</li> <li><input type="checkbox"/> poison ivy/oak/sumac</li> </ul> |
|--|---|

**Other Discussion Items/Comments/Follow-up Actions:**

NAME (PRINT)	NAME (SIGNATURE)	COMPANY
<u>Paul Baretz</u>	<u></u>	<u>VRH</u>
<u>John Seyda</u>	<u></u>	<u>VRH/C</u>
<u>Max O'Meara</u>	<u></u>	<u>VRH</u>

UXO 7-Old Rifle Range Contractor Daily Report Photographs 15 APR 2014



Non treated soil being transported off site



Southern stockpile nearing removal completion



Removing staged topsoil north of UXO 7



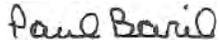
Grading staged topsoil stockpile area N of UXO 7



Removing access road to ERT1 at East Range



Tetra Tech conducting delineation sampling

<b>CONTRACTOR PRODUCTION REPORT</b>				DATE			
(ATTACH ADDITIONAL SHEETS IF NECESSARY)				16 April 2014			
CONTRACT NO N40083-11-D-0032-0007		TITLE AND LOCATION UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana		REPORT NO 033			
CONTRACTOR VRHabilis-KEMRON, LLC			SUPERINTENDENT Paul Baril				
AM WEATHER Clear		PM WEATHER Clear		MAX TEMP (F) 54	MIN TEMP (F) 32		
<b>WORK PERFORMED TODAY</b>							
Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS		
	Old Rifle Range / Project Oversight	VRHabilis	1	Superintendent	9.5		
	Old Rifle Range / Project Safety and Oversight	VRHabilis	1	SSHO/QC Specialist	9.5		
	Old Rifle Range	VRHabilis	3	Equipment Operator / Labor	28.5		
<b>JOB SAFETY</b>		WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)		<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CONT SHEETS	47.5
		WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)		<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	1556.5
		WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)		<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION	1604
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)		<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO				
Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED				<input checked="" type="checkbox"/> SAFETY REQUIREMENTS HAVE BEEN MET.		
	Conducted site safety meeting with all personnel present. Topics discussed and personnel present noted on Daily Safety Meeting Sign-in form.						
	Inspected erosion control measures. No discrepancies noted.						
	Conducted site safety inspection. No discrepancies noted.						
EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)							
Schedule Activity No.	Submittal #	Description of Equipment/Material Received					
CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.							
Schedule Activity No.	Owner	Description of Construction Equipment Used Today (including Make and Model)	Hours Used				
	VRHabilis	Bobcat T320 Skidsteer (final hours – 1384.7)	0				
	VRHabilis	Bobcat T300 Skidsteer (final hours – 1434.9)	0				
	Certified Rent	Komatsu PC 138 US LC Excavator (final hours – 930.7)	7				
	Atco	Komatsu CD60R Tracked Dump Truck (final hours – 4739.6)	2				
	MacAllister	D4 Caterpillar Bulldozer (final hours – 952.8)	5				
Schedule Activity No.	REMARKS						
	Removed and transported off site, 309.98 tons of non-treated soils from the northern soil stockpile located across from the 400 yard firing position and the 3 access roads leading into BA-1, BA-4 and BA-6. All non-treated soils have been removed from site. Additional soils may require removal pending the final analysis of the floor samples removed from the step out area produced on 15 April 2014 within cell BA-4.						
	Received 79.96 tons of topsoil with was applied to cell BA-6. To date 123.01 tons of topsoil has been received and applied to the West Trap Range and cell BA-6.						
	Tetra Tech conducted floor sampling at the final step out area located within BA-4 consisting of the extended cell walls of CA, DA and EA.						
			16 April 2014				
CONTRACTOR/SUPERINTENDENT			DATE				

# CONTRACTOR QUALITY CONTROL REPORT

DATE 16 April 2014

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

REPORT NO 033

PHASE	CONTRACT NO N40083-11-D-0032-0007	CONTRACT TITLE UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana
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<b>PREPARATORY</b>	WAS PREPARATORY PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #

<b>INITIAL</b>	WAS INITIAL PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #

<b>FOLLOW-UP</b>	WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	WORK COMPLIES WITH SAFETY REQUIREMENTS? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present	
		<b>Definable Feature of Work:</b> Restoration.	
		Conducted Quality Control measures on the removal off site of non-treated soils and the application of topsoil to cell BA-6 and the West Trap Range.	

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO", Manuf. Rep On-Site, etc.)	
Schedule Activity No.	Description
	All work conducted was completed in accordance with the Work Plan and the Accident Prevention Plan. No discrepancies were noted.



AUTHORIZED QC MANAGER AT SITE

16 April 2014  
DATE

## GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT	
Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER

DATE

# DAILY SAFETY MEETING

Project Name: UXO 7 Old Rifle and Trap Ranges

Date: 16 APRIL 2014

Location: Naval Support Activity Crane

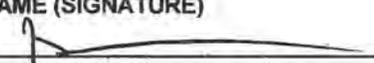
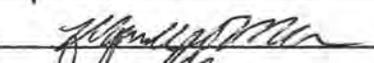
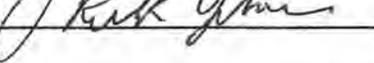
Presented by: RONALD S. MADDEN



**Check the Topics/Information Reviewed:**

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li><input type="checkbox"/> Daily work scope reviewed</li> <li><input type="checkbox"/> safety is everyone's responsibility</li> <li><input type="checkbox"/> site health and safety plan reviewed</li> <li><input type="checkbox"/> safety glasses, hard hat, safety boots</li> <li><input type="checkbox"/> employee Right-To- Know/MSDS location</li> <li><input type="checkbox"/> vehicle safety and driving/road conditions</li> <li><input type="checkbox"/> hazard analysis for all tasks or new technology</li> <li><input type="checkbox"/> chemical hazards -Lead</li> <li><input type="checkbox"/> first aid, safety, and PPE location</li> <li><input type="checkbox"/> sharp object, rebar, and scrap metal hazards</li> <li><input type="checkbox"/> latex gloves inner/nitrile gloves outer</li> <li><input type="checkbox"/> open pits, excavations, and trenching hazards</li> <li><input type="checkbox"/> excavation/trenching inspections/documentation</li> <li><input type="checkbox"/> full face respirators with proper cartridges</li> <li><input type="checkbox"/> upgrade to Level C at:</li> <li><input type="checkbox"/> work stoppage at:</li> <li><input type="checkbox"/> portable tool safety and awareness</li> <li><input type="checkbox"/> slips, trips, and falls</li> <li><input type="checkbox"/> strains and sprains</li> <li><input type="checkbox"/> anticipated visitors</li> <li><input type="checkbox"/> electrical ground fault</li> <li><input type="checkbox"/> public safety and fences</li> <li><input checked="" type="checkbox"/> excavator swing and loading</li> <li><input checked="" type="checkbox"/> orderly site and housekeeping</li> <li><input type="checkbox"/> smoking in designated areas</li> </ul> | <ul style="list-style-type: none"> <li><input type="checkbox"/> leather gloves for protection</li> <li><input type="checkbox"/> effects of the night before? Rain or snow?</li> <li><input type="checkbox"/> vibration related injuries</li> <li><input type="checkbox"/> noise hazards</li> <li><input type="checkbox"/> confined space entry</li> <li><input type="checkbox"/> hot work permits</li> <li><input type="checkbox"/> overhead utility locations cleared?</li> <li><input type="checkbox"/> all underground utilities cleared?</li> <li><input type="checkbox"/> equipment and machinery familiarization</li> <li><input type="checkbox"/> fire extinguisher locations</li> <li><input type="checkbox"/> eye wash station locations</li> <li><input checked="" type="checkbox"/> directions to hospital</li> <li><input checked="" type="checkbox"/> heat and cold stress</li> <li><input checked="" type="checkbox"/> decontamination steps</li> <li><input type="checkbox"/> review emergency protocol</li> <li><input type="checkbox"/> parking and laydown area</li> <li><input type="checkbox"/> vehicle backing up hazards</li> <li><input checked="" type="checkbox"/> accidents can be costly</li> <li><input type="checkbox"/> no horse play</li> <li><input type="checkbox"/> dust and vapor control</li> <li><input type="checkbox"/> refueling procedures</li> <li><input type="checkbox"/> flying debris hazards</li> <li><input type="checkbox"/> poison ivy/oak/sumac</li> </ul> |
|---|---|

**Other Discussion Items/Comments/Follow-up Actions:**

NAME (PRINT)	NAME (SIGNATURE)	COMPANY
<u>PAUL BARTO</u>		<u>VRHk</u>
<u>Max O'Meara</u>		<u>VRHk</u>
<u>John Snyder</u>		<u>VRHk</u>
<u>Rick Yetman</u>		<u>VRHk</u>

UXO 7-Old Rifle Range Contractor Daily Report Photographs 16 APR 2014



Final removal of remaining soil stockpile



Removing access road leading to cell BA-6



Final step out located within cell BA-4



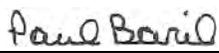
Receiving topsoil for application within cell BA-6



Partial application of topsoil at the West T Range



Partial application of topsoil at cell BA-6

<b>CONTRACTOR PRODUCTION REPORT</b> <small>(ATTACH ADDITIONAL SHEETS IF NECESSARY)</small>				DATE 17 April 2014	
CONTRACT NO N40083-11-D-0032-0007		TITLE AND LOCATION UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana		REPORT NO 034	
CONTRACTOR VRHabilis-KEMRON, LLC			SUPERINTENDENT Paul Baril		
AM WEATHER Clear		PM WEATHER Clear		MAX TEMP (F) 66	MIN TEMP (F) 37
WORK PERFORMED TODAY					
Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
	Old Rifle Range / Project Oversight	VRHabilis	1	Superintendent	10
	Old Rifle Range / Project Safety and Oversight	VRHabilis	1	SSHO/QC Specialist	10
	Old Rifle Range	VRHabilis	3	Equipment Operator / Labor	30
<b>JOB SAFETY</b>		WAS A JOB SAFETY MEETING HELD THIS DATE? <small>(If YES attach copy of the meeting minutes)</small> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CONT SHEETS	
		WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <small>(If YES attach copy of completed OSHA report)</small> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? <small>(If YES attach statement or checklist showing inspection performed.)</small> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO				TOTAL WORK HOURS FROM START OF CONSTRUCTION	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? <small>(If YES attach description of incident and proposed action.)</small> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO					
Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED			<input checked="" type="checkbox"/> SAFETY REQUIREMENTS HAVE BEEN MET.	
	Conducted site safety meeting with all personnel present. Topics discussed and personnel present noted on Daily Safety Meeting Sign-in form.				
	Inspected erosion control measures. No discrepancies noted.				
	Conducted site safety inspection. No discrepancies noted.				
EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)					
Schedule Activity No.	Submittal #	Description of Equipment/Material Received			
CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.					
Schedule Activity No.	Owner	Description of Construction Equipment Used Today (including Make and Model)			Hours Used
	VRHabilis	Bobcat T320 Skidsteer (final hours – 1386)			1
	VRHabilis	Bobcat T300 Skidsteer – transported off site for maintenance			0
	Certified Rent	Komatsu PC 138 US LC Excavator (final hours – 937.9)			7.2
	Atco	Komatsu CD60R Tracked Dump Truck (final hours – 4740.6)			1
	MacAllister	D4 Caterpillar Bulldozer (final hours – 962.4)			9.6
Schedule Activity No.	REMARKS				
	Conducted the surface restoration of the 400 yard firing line, the West Trap Range, BA-9, BA-10, DA-1 and DA-2 with the application of topsoil to a minimum depth of 6 inches.				
	Received 930.62 tons of topsoil; 543.20 tons was applied to the 400 yard firing line and 387.42 tons was applied to the West Trap Range. To date 1075.80 tons of topsoil has been received on site.				
	Tetra Tech and NSA Crane authorized the final backfill of the remaining step out located within BA-4 consisting of the extended cell walls of CA, DA and EA. All step outs have been closed out and backfilled.				
 CONTRACTOR/SUPERINTENDENT			17 April 2014 DATE		

# CONTRACTOR QUALITY CONTROL REPORT

DATE 17 April 2014

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

REPORT NO 034

PHASE	CONTRACT NO N40083-11-D-0032-0007	CONTRACT TITLE UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana
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<b>PREPARATORY</b>	WAS PREPARATORY PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #

<b>INITIAL</b>	WAS INITIAL PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #

<b>FOLLOW-UP</b>	WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	WORK COMPLIES WITH SAFETY REQUIREMENTS? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present	
		<b>Definable Feature of Work:</b> Restoration.	
		Conducted Quality Control inspections on the final restoration and application of top soil at the West Trap Range, the 400 yard firing line and BA-9, BA-10, DA-1 and DA-2. All top soil depths meet or exceed 6 inches.	

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO", Manuf. Rep On-Site, etc.)	
Schedule Activity No.	Description
	All work conducted was completed in accordance with the Work Plan and the Accident Prevention Plan. No discrepancies were noted.



AUTHORIZED QC MANAGER AT SITE

17 April 2014  
DATE

## GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT	
Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER

DATE

# DAILY SAFETY MEETING

Project Name: UXO 7 Old Rifle and Trap Ranges

Date: 17 APRIL 2014

Location: Naval Support Activity Crane

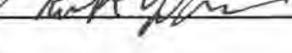
Presented by: RONALD S. MADDEN



**Check the Topics/Information Reviewed:**

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Daily work scope reviewed</li> <li><input checked="" type="checkbox"/> safety is everyone's responsibility</li> <li><input type="checkbox"/> site health and safety plan reviewed</li> <li><input type="checkbox"/> safety glasses, hard hat, safety boots</li> <li><input type="checkbox"/> employee Right-To- Know/MSDS location</li> <li><input type="checkbox"/> vehicle safety and driving/road conditions</li> <li><input type="checkbox"/> hazard analysis for all tasks or new technology</li> <li><input type="checkbox"/> chemical hazards -Lead</li> <li><input type="checkbox"/> first aid, safety, and PPE location</li> <li><input type="checkbox"/> sharp object, rebar, and scrap metal hazards</li> <li><input type="checkbox"/> latex gloves inner/nitrile gloves outer</li> <li><input type="checkbox"/> open pits, excavations, and trenching hazards</li> <li><input type="checkbox"/> excavation/trenching inspections/documentation</li> <li><input type="checkbox"/> full face respirators with proper cartridges</li> <li><input type="checkbox"/> upgrade to Level C at:</li> <li><input type="checkbox"/> work stoppage at:</li> <li><input type="checkbox"/> portable tool safety and awareness</li> <li><input checked="" type="checkbox"/> slips, trips, and falls - PERFORMED TRAINING</li> <li><input type="checkbox"/> strains and sprains</li> <li><input type="checkbox"/> anticipated visitors</li> <li><input type="checkbox"/> electrical ground fault</li> <li><input type="checkbox"/> public safety and fences</li> <li><input checked="" type="checkbox"/> excavator swing and loading</li> <li><input checked="" type="checkbox"/> orderly site and housekeeping</li> <li><input checked="" type="checkbox"/> smoking in designated areas</li> </ul> | <ul style="list-style-type: none"> <li><input type="checkbox"/> leather gloves for protection</li> <li><input type="checkbox"/> effects of the night before? Rain or snow?</li> <li><input type="checkbox"/> vibration related injuries</li> <li><input type="checkbox"/> noise hazards</li> <li><input type="checkbox"/> confined space entry</li> <li><input type="checkbox"/> hot work permits</li> <li><input type="checkbox"/> overhead utility locations cleared?</li> <li><input type="checkbox"/> all underground utilities cleared?</li> <li><input type="checkbox"/> equipment and machinery familiarization</li> <li><input type="checkbox"/> fire extinguisher locations</li> <li><input type="checkbox"/> eye wash station locations</li> <li><input checked="" type="checkbox"/> directions to hospital</li> <li><input type="checkbox"/> heat and cold stress</li> <li><input type="checkbox"/> decontamination steps</li> <li><input type="checkbox"/> review emergency protocol</li> <li><input type="checkbox"/> parking and laydown area</li> <li><input type="checkbox"/> vehicle backing up hazards</li> <li><input checked="" type="checkbox"/> accidents can be costly</li> <li><input checked="" type="checkbox"/> no horse play</li> <li><input checked="" type="checkbox"/> dust and vapor control</li> <li><input type="checkbox"/> refueling procedures</li> <li><input type="checkbox"/> flying debris hazards</li> <li><input type="checkbox"/> poison ivy/oak/sumac</li> </ul> |
|--|---|

**Other Discussion Items/Comments/Follow-up Actions:**

NAME (PRINT)	NAME (SIGNATURE)	COMPANY
PAUL BARTZ		VPH
Max O'Meara		VPH
John Snyder		VRHK
Rick Yetman		VRH

UXO 7-Old Rifle Range Contractor Daily Report Photographs 17 APR 2014



Receiving & spreading topsoil at the West Range



Transferring topsoil to DA-1 and DA-2



Backfilling final step out located within cell BA-4



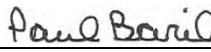
Topsoil applied to the 400 yard firing line



Conducting Quality Control soil depth inspection



Partial application of topsoil on West Trap Range

<b>CONTRACTOR PRODUCTION REPORT</b> (ATTACH ADDITIONAL SHEETS IF NECESSARY)				DATE 18 April 2014	
CONTRACT NO N40083-11-D-0032-0007		TITLE AND LOCATION UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana		REPORT NO 035	
CONTRACTOR VRHabilis-KEMRON, LLC			SUPERINTENDENT Paul Baril		
AM WEATHER Clear		PM WEATHER Clear		MAX TEMP (F) 70	MIN TEMP (F) 41
WORK PERFORMED TODAY					
Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
	Old Rifle Range / Project oversight	VRHabilis	1	Superintendent	10
	Old Rifle Range / Project safety and quality control oversight	VRHabilis	1	SSHO/QC Manager	10
	Old Rifle Range / Earth moving machinery oversight and operation	VRHabilis	1	Equipment Supervisor/Operator	9.5
	Old Rifle Range / Earth moving machinery operation	VRHabilis	1	Equipment Operator	9.5
<b>JOB SAFETY</b>		WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
		WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CONT SHEETS	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
				TOTAL WORK HOURS FROM START OF CONSTRUCTION	
Schedule Activity No.		LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED			<input checked="" type="checkbox"/> SAFETY REQUIREMENTS HAVE BEEN MET.
		Conducted site safety meeting with all personnel present. Topics discussed and personnel present noted on Daily Safety Meeting Sign-in form.			
		Inspected erosion control measures. No discrepancies noted.			
		Conducted site safety inspection. No discrepancies noted.			
EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)					
Schedule Activity No.	Submittal #	Description of Equipment/Material Received			
		966.90 tons of topsoil.			
CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.					
Schedule Activity No.	Owner	Description of Construction Equipment Used Today (including Make and Model)			Hours Used
	VRHabilis	Bobcat T320 Skidsteer (final hours – 1386)			0
	VRHabilis	Bobcat T300 Skidsteer – transported off site for maintenance.			0
	Certified Rent	Komatsu PC 138 US LC Excavator (final hours – 944.4)			6.5
	Atco	Komatsu CD60R Tracked Dump Truck (final hours – 4740.9)			0
	MacAllister	D4 Caterpillar Bulldozer (final hours – 962.4)			8
Schedule Activity No.		REMARKS			
		Conducted the surface restoration of the East and West Trap Ranges and the 400 yard firing line with the application of topsoil to a minimum depth of 6 inches.			
		Received 966.90 tons of topsoil from the authorized borrow source. To date, 2042.70 tons of topsoil has been received on site.			
		240.24 tons of topsoil was applied to the East Trap Range "A" (ETR 1-5) and 161.86 tons of topsoil was applied to the East Trap Range "B" (ETR 6 & 7). Current East Trap Range totals: 402.10 tons.			
		222.31 tons of topsoil was applied to the West Trap Range. Current West Trap Range totals: 652.78 tons.			
		342.49 tons of topsoil was applied to the 400 yard firing line. Current 400 yard firing line totals: 987.82 tons.			
		VRHK received the Notice To Proceed, from NSA Crane, to begin the transportation and disposal offsite of the stockpiled non-treated hazardous lead soil staged adjacent to the 400 yard firing line. The removal of the soil to the Peoria Disposal Company (PDC) landfill will commence on 22 April 2014.			
		 CONTRACTOR/SUPERINTENDENT			18 April 2014 DATE

# CONTRACTOR QUALITY CONTROL REPORT

DATE 18 April 2014

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

REPORT NO 035

PHASE	CONTRACT NO N40083-11-D-0032-0007	CONTRACT TITLE UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana
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<b>PREPARATORY</b>	WAS PREPARATORY PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #

<b>INITIAL</b>	WAS INITIAL PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #

<b>FOLLOW-UP</b>	WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	WORK COMPLIES WITH SAFETY REQUIREMENTS? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present	
		<b>Definable Feature of Work:</b> Restoration.	
		Conducted Quality Control inspections on the final restoration and application of top soil at the East and West Trap Ranges and the 400 yard firing line. All top soil depths meet or exceed 6 inches.	

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO", Manuf. Rep On-Site, etc.)	
Schedule Activity No.	Description
	All work conducted was completed in accordance with the Work Plan and the Accident Prevention Plan. No discrepancies were noted.



AUTHORIZED QC MANAGER AT SITE

18 April 2014  
DATE

## GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT	
Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER

DATE

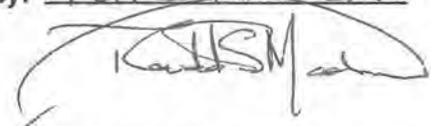
# DAILY SAFETY MEETING

Project Name: UXO 7 Old Rifle and Trap Ranges

Date: 18 APRIL 2014

Location: Naval Support Activity Crane

Presented by: RONALD MADDEN



**Check the Topics/Information Reviewed:**

- Daily work scope reviewed
- safety is everyone's responsibility
- site health and safety plan reviewed
- safety glasses, hard hat, safety boots
- employee Right-To- Know/MSDS location
- vehicle safety and driving/road conditions
- hazard analysis for all tasks or new technology
- chemical hazards -Lead
- first aid, safety, and PPE location
- sharp object, rebar, and scrap metal hazards
- latex gloves inner/nitrile gloves outer
- open pits, excavations, and trenching hazards
- excavation/trenching inspections/documentation
- full face respirators with proper cartridges
- upgrade to Level C at:
- work stoppage at:
- portable tool safety and awareness
- slips, trips, and falls
- strains and sprains
- anticipated visitors
- electrical ground fault
- public safety and fences
- excavator swing and loading
- orderly site and housekeeping
- smoking in designated areas

- leather gloves for protection
- effects of the night before? Rain or snow?
- vibration related injuries
- noise hazards
- confined space entry
- hot work permits
- overhead utility locations cleared?
- all underground utilities cleared?
- equipment and machinery familiarization
- fire extinguisher locations
- eye wash station locations
- directions to hospital
- heat and cold stress
- decontamination steps
- review emergency protocol
- parking and laydown area
- vehicle backing up hazards
- accidents can be costly
- no horse play
- dust and vapor control
- refueling procedures
- flying debris hazards
- poison ivy/oak/sumac

**Other Discussion Items/Comments/Follow-up Actions:**

NAME (PRINT)
<u>PAUL BARTEL</u>
<u>John Siper</u>
<u>Rick Yetman</u>

NAME (SIGNATURE)
<u>[Signature]</u>
<u>[Signature]</u>
<u>[Signature]</u>

COMPANY
<u>VRMk</u>
<u>VRH</u>
<u>VRH</u>

UXO 7-Old Rifle Range Contractor Daily Report Photographs 18 APR 2014



Receiving topsoil at the East Trap Range "A"



Spreading topsoil on the 400 yard firing line



Topsoil applied to the 400 yard firing line



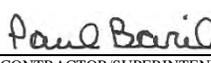
Topsoil applied to the West Trap Range



Topsoil applied to the East Trap Range "A"



Topsoil applied to the East Trap Range "B"

<b>CONTRACTOR PRODUCTION REPORT</b> (ATTACH ADDITIONAL SHEETS IF NECESSARY)				DATE 21 April 2014			
CONTRACT NO N40083-11-D-0032-0007		TITLE AND LOCATION UXO 7 Old Rifle Range, Naval Support Activity Crane - Crane, Indiana		REPORT NO 036			
CONTRACTOR VRHabilis-KEMRON, LLC			SUPERINTENDENT Paul Baril				
AM WEATHER Clear		PM WEATHER Clear		MAX TEMP (F) 77	MIN TEMP (F) 50		
WORK PERFORMED TODAY							
Schedule Activity No.	WORK LOCATION AND DESCRIPTION		EMPLOYER	NUMBER	TRADE	HRS	
	Old Rifle Range / Project oversight		VRHabilis	1	Superintendent	10	
	Old Rifle Range / Earth moving machinery oversight and operation		VRHabilis	1	Equipment Supervisor/Operator	10	
	Old Rifle Range / Earth moving machinery operation		VRHabilis	1	Equipment Operator	10	
<b>JOB SAFETY</b>		WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)		<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CONT SHEETS	30
		WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)		<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	1693
		WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)		<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION	1723
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)		<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO				
Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED				<input checked="" type="checkbox"/> SAFETY REQUIREMENTS HAVE BEEN MET.		
	Conducted site safety meeting with all personnel present. Topics discussed and personnel present noted on Daily Safety Meeting Sign-in form.						
	Inspected erosion control measures. No discrepancies noted.						
	Conducted site safety inspection. No discrepancies noted.						
EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)							
Schedule Activity No.	Submittal #	Description of Equipment/Material Received					
		89.56 tons of INDOT #53 crushed stone					
CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.							
Schedule Activity No.	Owner	Description of Construction Equipment Used Today (including Make and Model)				Hours Used	
	VRHabilis	Bobcat T320 Skidsteer (final hours - 1386)				0	
	VRHabilis	Bobcat T300 Skidsteer - transported off site for maintenance.				0	
	Certified Rent	Komatsu PC 138 US LC Excavator (final hours - 948.4)				4	
	ATCO	Komatsu CD60R Tracked Dump Truck (final hours - 4740.9)				0	
	MacAllister	D4 Caterpillar Bulldozer (final hours - 977.7)				15.3	
Schedule Activity No.	REMARKS						
	Completed the surface restoration of the East and West Trap Ranges and the 400 yard firing line with the application of topsoil to a minimum depth of 6 inches. All surface areas have been restored. Reseeding will commence on 22 April 2014.						
	Received 89.56 tons on INDOT #53 crushed stone which was applied to the southern and eastern range access roads.						
				21 April 2014			
CONTRACTOR/SUPERINTENDENT				DATE			

# CONTRACTOR QUALITY CONTROL REPORT

DATE 21 April 2014

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

REPORT NO 036

PHASE	CONTRACT NO N40083-11-D-0032-0007	CONTRACT TITLE UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana
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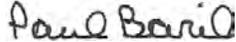
<b>PREPARATORY</b>	WAS PREPARATORY PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #

<b>INITIAL</b>	WAS INITIAL PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #

<b>FOLLOW-UP</b>	WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	WORK COMPLIES WITH SAFETY REQUIREMENTS? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present	
		<b>Definable Feature of Work:</b> Restoration.	
		Conducted Quality Control inspections on the final restoration and application of top soil at the East and West Trap Ranges and the 400 yard firing line. All top soil depths meet or exceed 6 inches.	

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO", Manuf. Rep On-Site, etc.)	
Schedule Activity No.	Description
	All work conducted was completed in accordance with the Work Plan and the Accident Prevention Plan. No discrepancies were noted.

  
 AUTHORIZED QC MANAGER AT SITE 21 April 2014  
DATE

## GOVERNMENT QUALITY ASSURANCE REPORT DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT	
Schedule Activity No.	Description

\_\_\_\_\_  
 GOVERNMENT QUALITY ASSURANCE MANAGER DATE

# DAILY SAFETY MEETING

Project Name: UXO 7 Old Rifle and Trap Ranges

Date: 21 APRIL 2014

Location: Naval Support Activity Crane

Presented by: PAUL BARD

**Check the Topics/Information Reviewed:**

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li><input type="checkbox"/> Daily work scope reviewed</li> <li><input type="checkbox"/> safety is everyone's responsibility</li> <li><input type="checkbox"/> site health and safety plan reviewed</li> <li><input type="checkbox"/> safety glasses, hard hat, safety boots</li> <li><input type="checkbox"/> employee Right-To- Know/MSDS location</li> <li><input type="checkbox"/> vehicle safety and driving/road conditions</li> <li><input type="checkbox"/> hazard analysis for all tasks or new technology</li> <li><input type="checkbox"/> chemical hazards -Lead</li> <li><input type="checkbox"/> first aid, safety, and PPE location</li> <li><input type="checkbox"/> sharp object, rebar, and scrap metal hazards</li> <li><input type="checkbox"/> latex gloves inner/nitrile gloves outer</li> <li><input type="checkbox"/> open pits, excavations, and trenching hazards</li> <li><input type="checkbox"/> excavation/trenching inspections/documentation</li> <li><input type="checkbox"/> full face respirators with proper cartridges</li> <li><input type="checkbox"/> upgrade to Level C at:</li> <li><input type="checkbox"/> work stoppage at:</li> <li><input type="checkbox"/> portable tool safety and awareness</li> <li><input checked="" type="checkbox"/> slips, trips, and falls</li> <li><input type="checkbox"/> strains and sprains</li> <li><input type="checkbox"/> anticipated visitors</li> <li><input type="checkbox"/> electrical ground fault</li> <li><input type="checkbox"/> public safety and fences</li> <li><input type="checkbox"/> excavator swing and loading</li> <li><input type="checkbox"/> orderly site and housekeeping</li> <li><input type="checkbox"/> smoking in designated areas</li> </ul> | <ul style="list-style-type: none"> <li><input type="checkbox"/> leather gloves for protection</li> <li><input type="checkbox"/> effects of the night before? Rain or snow?</li> <li><input checked="" type="checkbox"/> vibration related injuries</li> <li><input checked="" type="checkbox"/> noise hazards</li> <li><input type="checkbox"/> confined space entry</li> <li><input type="checkbox"/> hot work permits</li> <li><input type="checkbox"/> overhead utility locations cleared?</li> <li><input type="checkbox"/> all underground utilities cleared?</li> <li><input type="checkbox"/> equipment and machinery familiarization</li> <li><input type="checkbox"/> fire extinguisher locations</li> <li><input type="checkbox"/> eye wash station locations</li> <li><input type="checkbox"/> directions to hospital</li> <li><input type="checkbox"/> heat and cold stress</li> <li><input type="checkbox"/> decontamination steps</li> <li><input type="checkbox"/> review emergency protocol</li> <li><input type="checkbox"/> parking and laydown area</li> <li><input type="checkbox"/> vehicle backing up hazards</li> <li><input type="checkbox"/> accidents can be costly</li> <li><input checked="" type="checkbox"/> no horse play</li> <li><input type="checkbox"/> dust and vapor control</li> <li><input type="checkbox"/> refueling procedures</li> <li><input type="checkbox"/> flying debris hazards</li> <li><input type="checkbox"/> poison ivy/oak/sumac</li> </ul> |
|--|--|

**Other Discussion Items/Comments/Follow-up Actions:**

NAME (PRINT)	NAME (SIGNATURE)	COMPANY
<u>PAUL BARD</u>	<u>[Signature]</u>	<u>VRM</u>
<u>John Saylor</u>	<u>[Signature]</u>	<u>VRH</u>
<u>Rick Yetman</u>	<u>[Signature]</u>	<u>VRH</u>
_____	_____	_____
_____	_____	_____

UXO 7-Old Rifle Range Contractor Daily Report Photographs 21 APR 2014



Performing the final grade on 400 yard firing line



Spreading crushed stone on southern access road



Final grade of the 400 yard firing line



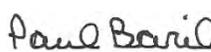
Final grade of the East Trap Range "A"



Final grade of the East Trap Range "B"



Final grade of the West Trap Range

<b>CONTRACTOR PRODUCTION REPORT</b> <small>(ATTACH ADDITIONAL SHEETS IF NECESSARY)</small>				DATE 22 April 2014	
CONTRACT NO N40083-11-D-0032-0007		TITLE AND LOCATION UXO 7 Old Rifle Range, Naval Support Activity Crane - Crane, Indiana		REPORT NO 037	
CONTRACTOR VRHabilis-KEMRON, LLC			SUPERINTENDENT Paul Baril		
AM WEATHER Clear		PM WEATHER Scattered clouds		MAX TEMP (F) 67	MIN TEMP (F) 56
WORK PERFORMED TODAY					
Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
	Old Rifle Range / Project oversight	VRHabilis	1	Superintendent	10
	Old Rifle Range / Project safety and quality control oversight	VRHabilis	1	SSHO/QC Manager	10
	Old Rifle Range / Earth moving machinery oversight and operation	VRHabilis	1	Equipment Supervisor/Operator	9.5
	Old Rifle Range / Earth moving machinery operation	VRHabilis	1	Equipment Operator	11
<b>JOB SAFETY</b>		WAS A JOB SAFETY MEETING HELD THIS DATE? <small>(If YES attach copy of the meeting minutes)</small>		TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CONT SHEETS	
		WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <small>(If YES attach copy of completed OSHA report)</small>		CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? <small>(If YES attach statement or checklist showing inspection performed.)</small>		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		TOTAL WORK HOURS FROM START OF CONSTRUCTION	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? <small>(If YES attach description of incident and proposed action.)</small>		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED				<input checked="" type="checkbox"/> SAFETY REQUIREMENTS HAVE BEEN MET.
	Conducted site safety meeting with all personnel present. Topics discussed and personnel present noted on Daily Safety Meeting Sign-in form.				
	Inspected erosion control measures. No discrepancies noted.				
	Conducted site safety inspection. No discrepancies noted.				
EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)					
Schedule Activity No.	Submittal #	Description of Equipment/Material Received			
CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.					
Schedule Activity No.	Owner	Description of Construction Equipment Used Today (including Make and Model)			Hours Used
	VRHabilis	Bobcat T320 Skidsteer (final hours – 1386)			0
	VRHabilis	Bobcat T300 Skidsteer – transported off site for maintenance.			0
	Certified Rent	Komatsu PC 138 US LC Excavator (final hours – 952.4)			4
	ATCO	Komatsu CD60R Tracked Dump Truck (final hours – 4740.9)			0
	MacAllister	D4 Caterpillar Bulldozer (final hours – 978.7)			1
Schedule Activity No.	REMARKS				
	Commenced the transportation and disposal offsite of the stockpiled non-treated hazardous lead soil staged adjacent to the 400 yard firing line. 202 tons was removed and transported to the Peoria Disposal Company (PDC) disposal site.				
	Commenced and completed 98% of the reseeded of grass at the 400 yard firing line and the East and West Trap Ranges.				
			22 April 2014		
CONTRACTOR/SUPERINTENDENT			DATE		

# CONTRACTOR QUALITY CONTROL REPORT

DATE 22 April 2014

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

REPORT NO 037

PHASE	CONTRACT NO N40083-11-D-0032-0007	CONTRACT TITLE UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana
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<b>PREPARATORY</b>	WAS PREPARATORY PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #

<b>INITIAL</b>	WAS INITIAL PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #

<b>FOLLOW-UP</b>	WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	WORK COMPLIES WITH SAFETY REQUIREMENTS? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present	
		<b>Definable Feature of Work:</b> Restoration.	
		Conducted Quality Control inspections on the final restoration and application of grass seed at the East and West Trap Ranges and the 400 yard firing line.	

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.	
Schedule Activity No.	Description
	All work conducted was completed in accordance with the Work Plan and the Accident Prevention Plan. No discrepancies were noted.



AUTHORIZED QC MANAGER AT SITE

22 April 2014  
DATE

## GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT	
Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER

DATE

# DAILY SAFETY MEETING

Project Name: UXO 7 Old Rifle and Trap Ranges

Date: 22 APRIL 2014

Location: Naval Support Activity Crane

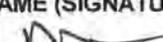
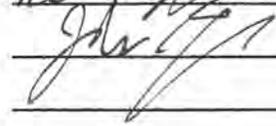
Presented by: RONALD S. MADDEN



**Check the Topics/Information Reviewed:**

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li><input type="checkbox"/> Daily work scope reviewed</li> <li><input type="checkbox"/> safety is everyone's responsibility</li> <li><input type="checkbox"/> site health and safety plan reviewed</li> <li><input checked="" type="checkbox"/> safety glasses, hard hat, safety boots ★</li> <li><input type="checkbox"/> employee Right-To- Know/MSDS location</li> <li><input type="checkbox"/> vehicle safety and driving/road conditions</li> <li><input type="checkbox"/> hazard analysis for all tasks or new technology</li> <li><input type="checkbox"/> chemical hazards -Lead</li> <li><input type="checkbox"/> first aid, safety, and PPE location</li> <li><input type="checkbox"/> sharp object, rebar, and scrap metal hazards</li> <li><input type="checkbox"/> latex gloves inner/nitrile gloves outer</li> <li><input type="checkbox"/> open pits, excavations, and trenching hazards</li> <li><input type="checkbox"/> excavation/trenching inspections/documentation</li> <li><input type="checkbox"/> full face respirators with proper cartridges</li> <li><input type="checkbox"/> upgrade to Level C at:</li> <li><input type="checkbox"/> work stoppage at:</li> <li><input type="checkbox"/> portable tool safety and awareness</li> <li><input type="checkbox"/> slips, trips, and falls</li> <li><input type="checkbox"/> strains and sprains</li> <li><input checked="" type="checkbox"/> anticipated visitors</li> <li><input type="checkbox"/> electrical ground fault</li> <li><input type="checkbox"/> public safety and fences</li> <li><input type="checkbox"/> excavator swing and loading</li> <li><input checked="" type="checkbox"/> orderly site and housekeeping</li> <li><input checked="" type="checkbox"/> smoking in designated areas</li> </ul> | <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> leather gloves for protection</li> <li><input type="checkbox"/> effects of the night before? Rain or snow?</li> <li><input type="checkbox"/> vibration related injuries</li> <li><input type="checkbox"/> noise hazards</li> <li><input type="checkbox"/> confined space entry</li> <li><input type="checkbox"/> hot work permits</li> <li><input type="checkbox"/> overhead utility locations cleared?</li> <li><input type="checkbox"/> all underground utilities cleared?</li> <li><input type="checkbox"/> equipment and machinery familiarization</li> <li><input type="checkbox"/> fire extinguisher locations</li> <li><input type="checkbox"/> eye wash station locations</li> <li><input type="checkbox"/> directions to hospital</li> <li><input type="checkbox"/> heat and cold stress</li> <li><input type="checkbox"/> decontamination steps</li> <li><input type="checkbox"/> review emergency protocol</li> <li><input type="checkbox"/> parking and laydown area</li> <li><input type="checkbox"/> vehicle backing up hazards</li> <li><input checked="" type="checkbox"/> accidents can be costly</li> <li><input checked="" type="checkbox"/> no horse play</li> <li><input type="checkbox"/> dust and vapor control</li> <li><input type="checkbox"/> refueling procedures</li> <li><input type="checkbox"/> flying debris hazards</li> <li><input type="checkbox"/> poison ivy/oak/sumac</li> </ul> |
|---|--|

**Other Discussion Items/Comments/Follow-up Actions:**

NAME (PRINT)	NAME (SIGNATURE)	COMPANY
<u>PAUL BARDAL</u>		<u>VRH</u>
<u>Rick K. Yerman</u>		<u>VRH</u>
<u>John Snyder</u>		<u>VRH</u>
_____	_____	_____
_____	_____	_____

UXO 7-Old Rifle Range Contractor Daily Report Photographs 22 APR 2014



Removing and shipping lead HAZ soil offsite



Sowing grass seed at the West Trap Range



Laying grass mats on slope at West Trap Range



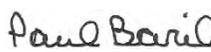
Blowing straw on grass seed at West Trap Range



Blowing straw over seed at the 400 yard firing line



TT conducts soil sampling at stockpile footprint

<b>CONTRACTOR PRODUCTION REPORT</b> (ATTACH ADDITIONAL SHEETS IF NECESSARY)				DATE 23 April 2014	
CONTRACT NO N40083-11-D-0032-0007		TITLE AND LOCATION UXO 7 Old Rifle Range, Naval Support Activity Crane - Crane, Indiana		REPORT NO 038	
CONTRACTOR VRHabilis-KEMRON, LLC			SUPERINTENDENT Paul Baril		
AM WEATHER Clear		PM WEATHER Clear		MAX TEMP (F) 63	MIN TEMP (F) 38
WORK PERFORMED TODAY					
Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
	Old Rifle Range / Project oversight	VRHabilis	1	Superintendent	11.75
	Old Rifle Range / Project safety and quality control oversight	VRHabilis	1	SSHO/QC Manager	10
	Old Rifle Range / Earth moving machinery oversight and operation	VRHabilis	1	Equipment Supervisor/Operator	11.75
	Old Rifle Range / Earth moving machinery operation	VRHabilis	1	Equipment Operator	11.75
<b>JOB SAFETY</b>		WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
		WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CONT SHEETS	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
				TOTAL WORK HOURS FROM START OF CONSTRUCTION	
Schedule Activity No.		LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED			<input checked="" type="checkbox"/> SAFETY REQUIREMENTS HAVE BEEN MET.
		Conducted site safety meeting with all personnel present. Topics discussed and personnel present noted on Daily Safety Meeting Sign-in form.			
		Inspected erosion control measures. No discrepancies noted.			
		Conducted site safety inspection. No discrepancies noted.			
EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)					
Schedule Activity No.	Submittal #	Description of Equipment/Material Received			
		40.53 tons of INDOT #53 crushed stone.			
CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.					
Schedule Activity No.	Owner	Description of Construction Equipment Used Today (including Make and Model)			Hours Used
	VRHabilis	Bobcat T320 Skidsteer – transported off site.			0
	VRHabilis	Bobcat T300 Skidsteer – transferred to the SWMU 17 staging yard.			1
	Certified Rent	Komatsu PC 138 US LC Excavator – final hours 954.6.			2.2
	ATCO	Komatsu CD60R Tracked Dump Truck – transported off site (final hours 4741.4).			0.5
	MacAllister	D4 Caterpillar Bulldozer – final hours 980.9.			2.2
Schedule Activity No.	REMARKS				
	Completed the transportation and disposal offsite of the stockpiled non-treated hazardous lead soil staged adjacent to the 400 yard firing line. 181 tons of soil was removed and transported to the Peoria Disposal Company (PDC) disposal site with the total manifested hazardous soil amounts equaling 383 tons.				
	40.53 tons of crushed stone was applied to and spread via bulldozer along the northern access range road.				
	Final project walk through and inspection conducted with the VRHK on site management team, Tetra Tech and the NSA Crane project oversight managers. All project objectives were noted as completed with the exception of one restoration item being the footprint area of the staged soils adjacent to the 400 yard firing line which requires reseeding. This single and final punch list item will be completed on 24 April 2014.				
	All VRHK equipment and materials have removed from the site. Currently, the rented D4 bulldozer and Komatsu 138 excavator remain onsite and are scheduled for pickup on 24 April 2014. The mobile latrine is scheduled for pickup on 25 April 2014.				
	 CONTRACTOR/SUPERINTENDENT			23 April 2014 DATE	

# CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 23 April 2014  
REPORT NO 038

PHASE CONTRACT NO N40083-11-D-0032-0007 CONTRACT TITLE UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana

<b>PREPARATORY</b>	WAS PREPARATORY PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #

<b>INITIAL</b>	WAS INITIAL PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #

<b>FOLLOW-UP</b>	WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	WORK COMPLIES WITH SAFETY REQUIREMENTS? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present	
		<b>Definable Feature of Work:</b> Restoration.	
		Conducted the Quality Control inspection on the final restoration of the northern access range road, the final removal of staged soils and the gross DECON of equipment used to transfer hazardous lead soils to disposal trucks.	

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.	
Schedule Activity No.	Description
	All work conducted was completed in accordance with the Work Plan and the Accident Prevention Plan. No discrepancies were noted.

  
 AUTHORIZED QC MANAGER AT SITE 23 April 2014  
 DATE

**GOVERNMENT QUALITY ASSURANCE REPORT** DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT	
Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER DATE

# DAILY SAFETY MEETING

Project Name: UXO 7 Old Rifle and Trap Ranges

Date: 23 APRIL 2014

Location: Naval Support Activity Crane

Presented by: RONALD S. MADDEN



**Check the Topics/Information Reviewed:**

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Daily work scope reviewed</li> <li><input checked="" type="checkbox"/> safety is everyone's responsibility</li> <li><input type="checkbox"/> site health and safety plan reviewed</li> <li><input type="checkbox"/> safety glasses, hard hat, safety boots</li> <li><input type="checkbox"/> employee Right-To- Know/MSDS location</li> <li><input type="checkbox"/> vehicle safety and driving/road conditions</li> <li><input type="checkbox"/> hazard analysis for all tasks or new technology</li> <li><input type="checkbox"/> chemical hazards -Lead</li> <li><input type="checkbox"/> first aid, safety, and PPE location</li> <li><input type="checkbox"/> sharp object, rebar, and scrap metal hazards</li> <li><input type="checkbox"/> latex gloves inner/nitrile gloves outer</li> <li><input type="checkbox"/> open pits, excavations, and trenching hazards</li> <li><input type="checkbox"/> excavation/trenching inspections/documentation</li> <li><input type="checkbox"/> full face respirators with proper cartridges</li> <li><input type="checkbox"/> upgrade to Level C at:</li> <li><input type="checkbox"/> work stoppage at:</li> <li><input type="checkbox"/> portable tool safety and awareness</li> <li><input checked="" type="checkbox"/> slips, trips, and falls</li> <li><input type="checkbox"/> strains and sprains</li> <li><input type="checkbox"/> anticipated visitors</li> <li><input type="checkbox"/> electrical ground fault</li> <li><input type="checkbox"/> public safety and fences</li> <li><input type="checkbox"/> excavator swing and loading</li> <li><input type="checkbox"/> orderly site and housekeeping</li> <li><input type="checkbox"/> smoking in designated areas</li> </ul> | <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> leather gloves for protection</li> <li><input type="checkbox"/> effects of the night before? Rain or snow?</li> <li><input type="checkbox"/> vibration related injuries</li> <li><input type="checkbox"/> noise hazards</li> <li><input type="checkbox"/> confined space entry</li> <li><input type="checkbox"/> hot work permits</li> <li><input type="checkbox"/> overhead utility locations cleared?</li> <li><input type="checkbox"/> all underground utilities cleared?</li> <li><input type="checkbox"/> equipment and machinery familiarization</li> <li><input type="checkbox"/> fire extinguisher locations</li> <li><input type="checkbox"/> eye wash station locations</li> <li><input type="checkbox"/> directions to hospital</li> <li><input type="checkbox"/> heat and cold stress</li> <li><input type="checkbox"/> decontamination steps</li> <li><input type="checkbox"/> review emergency protocol</li> <li><input type="checkbox"/> parking and laydown area</li> <li><input checked="" type="checkbox"/> vehicle backing up hazards</li> <li><input type="checkbox"/> accidents can be costly</li> <li><input type="checkbox"/> no horse play</li> <li><input type="checkbox"/> dust and vapor control</li> <li><input type="checkbox"/> refueling procedures</li> <li><input type="checkbox"/> flying debris hazards</li> <li><input type="checkbox"/> poison ivy/oak/sumac</li> </ul> |
|--|---|

**Other Discussion Items/Comments/Follow-up Actions:**

NAME (PRINT)	NAME (SIGNATURE)	COMPANY
<u>PAUL BARTZ</u>	<u>[Signature]</u>	<u>URHIC</u>
<u>Rick Yetman</u>	<u>[Signature]</u>	<u>VRH</u>
<u>Sam Shipler</u>	<u>[Signature]</u>	<u>URHIC</u>
_____	_____	_____
_____	_____	_____

UXO 7-Old Rifle Range Contractor Daily Report Photographs 23 APR 2014



Final removal and shipping of lead HAZ soil off site



Performing final gross DECON of equipment (1)



Performing final gross DECON of equipment (2)



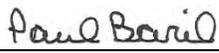
Transporting VRHabillis equipment off site



Final three equipment rental items on site



Former northern topsoil stockpile location

<b>CONTRACTOR PRODUCTION REPORT</b> <small>(ATTACH ADDITIONAL SHEETS IF NECESSARY)</small>				DATE 24 April 2014			
CONTRACT NO N40083-11-D-0032-0007		TITLE AND LOCATION UXO 7 Old Rifle Range, Naval Support Activity Crane - Crane, Indiana		REPORT NO 039			
CONTRACTOR VRHabilis-KEMRON, LLC			SUPERINTENDENT Paul Baril				
AM WEATHER Scattered Clouds		PM WEATHER Clear		MAX TEMP (F) 74	MIN TEMP (F) 45		
WORK PERFORMED TODAY							
Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS		
	Old Rifle Range / Project oversight	VRHabilis	1	Superintendent	5.25		
<b>JOB SAFETY</b>		WAS A JOB SAFETY MEETING HELD THIS DATE? <small>(If YES attach copy of the meeting minutes)</small>		<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CONT SHEETS	5.25
		WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <small>(If YES attach copy of completed OSHA report)</small>		<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	1808.75
		WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? <small>(If YES attach statement or checklist showing inspection performed.)</small>		<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION	1814
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? <small>(If YES attach description of incident and proposed action.)</small>		<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO				
Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED				<input checked="" type="checkbox"/> SAFETY REQUIREMENTS HAVE BEEN MET.		
	Inspected erosion control measures. No discrepancies noted.						
EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)							
Schedule Activity No.	Submittal #	Description of Equipment/Material Received					
CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.							
Schedule Activity No.	Owner	Description of Construction Equipment Used Today (including Make and Model)			Hours Used		
	Certified Rent	Komatsu PC 138 US LC Excavator – transported off site (final hours 954.6).			0		
	MacAllister	D4 Caterpillar Bulldozer – confirmed transfer from site on 25 April 2014 (final hours 980.9).			0		
Schedule Activity No.	REMARKS						
	Completed the reseeded of the staged soils footprint adjacent to the 400 yard firing line which was the single punch list item noted from the VRHK UXO 7 Contractor Production Report #38. All surface restoration has been completed.						
	All UXO 7 project objectives have been completed and all project personnel have DEMOBBED. All project equipment and materials have been removed from the site with the exception of the mobile latrine and the D4 Caterpillar Bulldozer; both have which have a confirmed removal date of Friday, 25 April 2014.						
	<b>This is the final Contractor Production Report for UXO 7.</b>						
				24 April 2014			
CONTRACTOR/SUPERINTENDENT				DATE			

# CONTRACTOR QUALITY CONTROL REPORT

DATE 24 April 2014

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

REPORT NO 039

PHASE	CONTRACT NO N40083-11-D-0032-0007	CONTRACT TITLE UXO 7 Old Rifle Range, Naval Support Activity, Crane, Indiana
-------	-----------------------------------	--

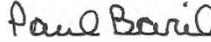
<b>PREPARATORY</b>	WAS PREPARATORY PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #

<b>INITIAL</b>	WAS INITIAL PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #

<b>FOLLOW-UP</b>	WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	WORK COMPLIES WITH SAFETY REQUIREMENTS? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present	
		<b>Definable Feature of Work:</b> Restoration.	
		Conducted the Quality Control inspection on the final restoration of the staged soils footprint adjacent to the 400 yard firing point.	

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO", Manuf. Rep On-Site, etc.)	
Schedule Activity No.	Description
	All work conducted was completed in accordance with the Work Plan and the Accident Prevention Plan. No discrepancies were noted.

  
 AUTHORIZED QC MANAGER AT SITE 24 April 2014  
 DATE

## GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT	
Schedule Activity No.	Description

\_\_\_\_\_  
 GOVERNMENT QUALITY ASSURANCE MANAGER DATE

UXO 7-Old Rifle Range Contractor Daily Report Photographs 24 APR 2014



Excavator staged to depart UXO 7 (1)



Excavator staged to depart UXO 7 (2)



Excavator departing UXO 7 (mobile latrine and D4 bulldozer in background scheduled to depart UXO 7 on 25 April 2014)



Final restoration of staged soils footprint

**APPENDIX C**

**EMAC OFFSITE DISPOSAL DOCUMENTATION**



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 003

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
33 Contaminated Soil	14-0213-031	----	BULK	<del>18.79</del> 18.87	Tons

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent      Signature: [Signature]      Shipment Date: 2/19/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	<u>DANA</u>	Name of Transporter	
Address		Address	
Driver Name	<u>Scotty Jones</u>	Driver Name	
Truck No. <u>33</u>	Telephone No. <u>339-3421</u>	Truck No.	Telephone No.

I hereby certify that the above named material was transported from the above listed location.

Signature: [Signature]      Date: 2-19-14

I hereby certify that the above named material was transported from the above listed location.

Signature: \_\_\_\_\_      Date: \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature]      Signature: [Signature]      Receipt Date: 2/19/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 004

UXO 7 (ORR)

GENERATOR					
Generator Name NSA Crane			Tel. No. 812-854-6160		
Address 300 Highway 361, Crane, IN 47522					
Generating Location 300 Highway 361, Crane, IN 47522					
Disposal Site Name Medora Landfill			Tel. No. 812-966-2017		
Disposal Site Address 546 S. CR 870 West Medora, IN 47260					
<i>For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)</i>					
Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
				20.42	
46 Contaminated Soil	14-0213-031	----	BULK	<del>20.33</del>	Tons
Special Handling and/or Additional Information					
GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.					
Print/Type Name		Signature		Shipment Date	
<i>Thomas J. Brent</i>		<i>Thomas J. Brent</i>		<u>2/20/14</u>	
TRANSPORTER					
Transporter 1			Transporter 2		
Name of Transporter			Name of Transporter		
Address			Address		
Driver Name			Driver Name		
<i>Keith Lentz</i>					
Truck No. <i>46</i>		Telephone No.	Truck No.		Telephone No.
I hereby certify that the above named material was transported from the above listed location.			I hereby certify that the above named material was transported from the above listed location.		
Signature <i>Keith B Lentz</i>		Date <u>2-20-14</u>	Signature		Date
DISPOSAL SITE					
Site Name Medora Landfill			Telephone No. 812-966-2017		
Address 546 S. CR 870 West Medora, IN 47260					
Discrepancies:					
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
Print Name		Signature		Receipt Date	
<i>Petter</i>		<i>[Signature]</i>		<u>2/20/14</u>	



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest # 005

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
32 Contaminated Soil	14-0213-031	----	BULK	22.19 <del>22.05</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brent	<i>Thomas J. Brent</i>	2/20/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	<i>Richard Dye</i>	Name of Transporter	
Address	<i>TANNA TRUCKING</i>	Address	
Driver Name	<i>Richard Dye</i>	Driver Name	
Truck No.	32	Truck No.	
Telephone No.	812-339-3421	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature	Date
<i>Rubal Elgin</i>	2-20-14

I hereby certify that the above named material was transported from the above listed location.

Signature	Date
-----------	------

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
<i>J. Lett</i>	<i>[Signature]</i>	2/20/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 006

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
33 Contaminated Soil	14-0213-031	----	BULK	20.55	Tons

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brent	<i>Thomas J. Brent</i>	2/20/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	HANNA	Name of Transporter	
Address		Address	
Driver Name (Print)	SCOTTY BYERS	Driver Name	
Truck No.	33	Truck No.	
Telephone No.		Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature: <i>Scotty Byers</i> Date: 2-20-14	I hereby certify that the above named material was transported from the above listed location. Signature: _____ Date: _____		

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
<i>Scotty Byers</i>	<i>Scotty Byers</i>	2/20/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 007

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
34 Contaminated Soil	14-0213-031	----	BULK	20.60 20.50	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent      Signature: [Signature]      Shipment Date: 2/20/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	<u>Hanna</u>	Name of Transporter	
Address		Address	
Driver Name	<u>Vincent Greer</u>	Driver Name	
Truck No. <u>34</u>	Telephone No.	Truck No.	Telephone No.
I hereby certify that the above named material was transported from the above listed location. Signature: <u>[Signature]</u> Date: <u>2-20-14</u>		I hereby certify that the above named material was transported from the above listed location. Signature: _____      Date: _____	

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature]      Signature: [Signature]      Receipt Date: 2/20/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 008

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
41 Contaminated Soil	14-0213-031	-----	BULK	18.56	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
<u>Thomas J. Brent</u>	<u>Thomas J. Brent</u>	<u>2/20/14</u>

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter		Name of Transporter	
Address		Address	
Driver Name	<u>Roger Andistry</u>	Driver Name	
Truck No.	<u>41</u>	Truck No.	
Telephone No.		Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature <u>Roger Andistry</u> Date <u>2-20-2014</u>		I hereby certify that the above named material was transported from the above listed location. Signature _____ Date _____	

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
<u>Byron Collins</u>	<u>Byron Collins</u>	<u>2-20-14</u>



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 009

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

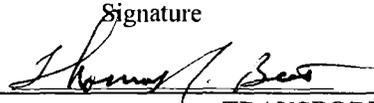
Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
				18.50	
82 Contaminated Soil	14-0213-031	----	BULK	<del>18.50</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name \_\_\_\_\_ Signature \_\_\_\_\_ Shipment Date \_\_\_\_\_

Thomas J. Brent

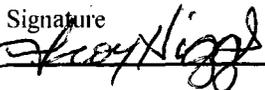


2/20/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter		Name of Transporter	
Address		Address	
Driver Name		Driver Name	
Truck No.	Telephone No.	Truck No.	Telephone No.

I hereby certify that the above named material was transported from the above listed location.

Signature  Date 2-20-14

I hereby certify that the above named material was transported from the above listed location.

Signature \_\_\_\_\_ Date \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name \_\_\_\_\_ Signature \_\_\_\_\_ Receipt Date \_\_\_\_\_




2/20/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 010

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
<u>85</u> Contaminated Soil	14-0213-031	----	BULK	<u>22.99</u>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
<u>Thomas J. Brent</u>	<u>Thomas J. Brent</u>	<u>2/20/14</u>

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter		Name of Transporter	
Address		Address	
Driver Name <u>Keith Powers</u>		Driver Name	
Truck No. <u>85</u>	Telephone No.	Truck No.	Telephone No.
I hereby certify that the above named material was transported from the above listed location. Signature <u>Keith Powers</u> Date <u>2-20-14</u>		I hereby certify that the above named material was transported from the above listed location. Signature _____ Date _____	

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
<u>Byron Collins</u>	<u>Byron Collins</u>	<u>2-20-14</u>



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 011

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units** in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
35 Contaminated Soil	14-0213-031	----	BULK	17.77	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brent	<i>Thomas J. Brent</i>	2/20/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Name of Transporter		Name of Transporter
Address	Address		Address
Driver Name	Driver Name		Driver Name
Truck No.	Telephone No.	Truck No.	Telephone No.
35			
I hereby certify that the above named material was transported from the above listed location.		I hereby certify that the above named material was transported from the above listed location.	
Signature	Date	Signature	Date
<i>Brend Hat</i>	2-20-14		

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
Byron Collins	<i>Byron Collins</i>	2-20-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 012

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
41 Contaminated Soil	14-0213-031	----	BULK	19.75 19.73	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: [Signature] Shipment Date: 2/20/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	<u>Anna Trucking</u>	Name of Transporter	
Address	<u>21111 Vernal Pike Bloomington, IN</u>	Address	
Driver Name	<u>Roger A. Aidi</u>	Driver Name	
Truck No.	<u>41</u>	Truck No.	
Telephone No.		Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature: <u>[Signature]</u> Date: <u>2-20-2014</u>	I hereby certify that the above named material was transported from the above listed location. Signature: _____ Date: _____		

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature] Signature: [Signature] Receipt Date: 2/20/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 013

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
				19.54	
46 Contaminated Soil	14-0213-031	----	BULK	19.55	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brent		2/20/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Hanna Trucking	Name of Transporter	
Address		Address	
Driver Name	Keith Lentz	Driver Name	
Truck No.	46	Truck No.	
Telephone No.		Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	I hereby certify that the above named material was transported from the above listed location.		
Signature	Keith B. Lentz	Signature	
Date	2-20-14	Date	

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
		2/20/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 014

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
32 Contaminated Soil	14-0213-031	----	BULK	18.65	Tons

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brent	<i>Thomas J. Brent</i>	2/20/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	<i>PHANTA</i>	Name of Transporter	
Address		Address	
Driver Name	<i>Richard Dye</i>	Driver Name	
Truck No. <i>32</i>	Telephone No.	Truck No.	Telephone No.

I hereby certify that the above named material was transported from the above listed location.

Signature	Date
<i>Richard Dye</i>	<i>2-20-14</i>

I hereby certify that the above named material was transported from the above listed location.

Signature	Date

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
<i>Hester</i>	<i>[Signature]</i>	<i>2/20/14</i>



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 015

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
33 Contaminated Soil	14-0213-031	----	BULK		Tons
				20.71	

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brent	<i>Thomas J. Brent</i>	2/20/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Hanna	Name of Transporter	
Address		Address	
Driver Name	SCOTTY PIERS	Driver Name	
Truck No.	33	Truck No.	
Telephone No.	812-339-342	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature: <i>Scotty Piers</i> Date: 2-20-14		I hereby certify that the above named material was transported from the above listed location. Signature: _____ Date: _____	

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
L. Curry	<i>[Signature]</i>	2-20-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 016

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
<b>34</b> Contaminated Soil	14-0213-031	----	BULK	21.84 21.76	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brent	<i>Thomas J. Brent</i>	2/20/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	<i>Hanna</i>	Name of Transporter	
Address		Address	
Driver Name	<i>Vincent E Geier</i>	Driver Name	
Truck No.	<i>34</i>	Truck No.	
Telephone No.	<i>812-339-3421</i>	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.  
Signature *W. E. S.* Date *2-20-14*

I hereby certify that the above named material was transported from the above listed location.  
Signature \_\_\_\_\_ Date \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
<i>J. P. [Signature]</i>	<i>[Signature]</i>	2/20/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 017

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
82 Contaminated Soil	14-0213-031	----	BULK	21.07	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brent	<i>Thomas J. Brent</i>	2/20/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Hanna	Name of Transporter	
Address	4672 W. Vernal Pike Bloomington 47404-9334	Address	
Driver Name	Troy Higgs	Driver Name	
Truck No.	82	Truck No.	
Telephone No.	812-339-3421	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	I hereby certify that the above named material was transported from the above listed location.		
Signature	<i>Troy Higgs</i>	Signature	
Date	2-20-14	Date	

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
Byron Collins	<i>Byron Collins</i>	2-20-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 018

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
35 Contaminated Soil	14-0213-031	----	BULK	18.69	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brent	<i>Thomas J. Brent</i>	2/20/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Hanna	Name of Transporter	
Address	4672 W Vernal Pike Bloomington	Address	
Driver Name	Brad West	Driver Name	
Truck No.	35	Truck No.	
Telephone No.	812-339-3421	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	I hereby certify that the above named material was transported from the above listed location.		
Signature	<i>Brad West</i>	Signature	
Date	2-20-14	Date	

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
Byron Collins	<i>Byron Collins</i>	2-20-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 019

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
<u>485</u> Contaminated Soil	14-0213-031	----	BULK	<u>19.26</u> <u>19.67</u>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
<u>Thomas J. Brent</u>	<u>Thomas J. Brent</u>	<u>2/20/14</u>

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	<u>Hanna</u>	Name of Transporter	
Address	<u>4672 Wivernel Pike Bloomington IN</u>	Address	
Driver Name	<u>Keith Powers</u>	Driver Name	
Truck No.	<u>85</u>	Truck No.	
Telephone No.	<u>812-339-3421</u>	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	I hereby certify that the above named material was transported from the above listed location.	Signature	Date
Signature	<u>Keith Powers</u>	Date	<u>2-20-14</u>

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
<u>Keith Powers</u>	<u>[Signature]</u>	<u>2/20/14</u>



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 020

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
46 Contaminated Soil	14-0213-031	----	BULK	21.00 <del>21.09</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brown		2/21/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Hanna Trucking	Name of Transporter	
Address	4672 West Vernal Pike, Bloomington, IN 47404	Address	
Driver Name	Keith B Lentz	Driver Name	
Truck No.	46	Truck No.	
Telephone No.	812-339-3421	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature Keith B. Lentz Date 2.21.14

I hereby certify that the above named material was transported from the above listed location.

Signature \_\_\_\_\_ Date \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
<u>J. Pfeiffer</u>		<u>2/21/14</u>



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 021

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
32 Contaminated Soil	14-0213-031	----	BULK	22.23	Tons

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brown		2/14/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Hanna Trucking	Name of Transporter	
Address	4672 West Vernal Pike, Bloomington, IN 47404	Address	
Driver Name	Richard Dye	Driver Name	
Truck No.	32	Truck No.	
Telephone No.	812-339-3421	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	I hereby certify that the above named material was transported from the above listed location.		
Signature		Signature	
Date	2-21-14	Date	

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
		2/14/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 022

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
33 Contaminated Soil	14-0213-031	----	BULK	22.18 <del>22.04</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brown		2/21/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Hanna Trucking	Name of Transporter	
Address	4672 West Vernal Pike, Bloomington, IN 47404	Address	
Driver Name	SCOTTY BYERS	Driver Name	
Truck No.	33	Truck No.	
Telephone No.	812-339-3421	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature	Date
	2-21-14

I hereby certify that the above named material was transported from the above listed location.

Signature	Date

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
		2/21/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 023

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
34 Contaminated Soil	14-0213-031	----	BULK	19.51 <del>19.37</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Boore      Signature: [Signature]      Shipment Date: 2/21/14

TRANSPORTER			
Transporter 1		Transporter 2	
Name of Transporter	Hanna Trucking	Name of Transporter	
Address	4672 West Vernal Pike, Bloomington, IN 47404	Address	
Driver Name	<u>Vincent E. Greiner</u>	Driver Name	
Truck No.	<u>34</u>	Truck No.	
Telephone No.	812-339-3421	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.		I hereby certify that the above named material was transported from the above listed location.	
Signature	<u>[Signature]</u>	Signature	
Date	<u>2-21-14</u>	Date	

DISPOSAL SITE	
Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature]      Signature: [Signature]      Receipt Date: 2/21/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest # 024

UXO 7 (ORR)

### GENERATOR

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
41 Contaminated Soil	14-0213-031	----	BULK	19.12 19.03	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brown		2/20/14

### TRANSPORTER

Transporter 1		Transporter 2	
Name of Transporter	Hanna Trucking	Name of Transporter	
Address	4672 West Vernal Pike, Bloomington, IN 47404	Address	
Driver Name	Roger Hardisty	Driver Name	
Truck No.	41	Truck No.	
Telephone No.	812-339-3421	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature	I hereby certify that the above named material was transported from the above listed location.	Date
			2-20-2014

### DISPOSAL SITE

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
		2/20/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 025

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
46 Contaminated Soil	14-0213-031	----	BULK	20.96 <del>20.68</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name

Signature

Shipment Date

Thomas J. BrentThomas J. Brent02/24/14

### TRANSPORTER

Transporter 1		Transporter 2	
Name of Transporter	Hanna Trucking	Name of Transporter	
Address	4672 West Vernal Pike, Bloomington, IN 47404	Address	
Driver Name	<u>Keith B Lentz</u>	Driver Name	
Truck No.	<u>460</u>	Truck No.	
Telephone No.	812-339-3421	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.		I hereby certify that the above named material was transported from the above listed location.	
Signature	<u>Keith B. Lentz</u>	Signature	
Date	<u>2-24-14</u>	Date	

### DISPOSAL SITE

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name

Signature

Receipt Date

J. LentzJ. Lentz2/24/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 026

UXO 7 (ORR)

GENERATOR					
Generator Name NSA Crane			Tel. No. 812-854-6160		
Address 300 Highway 361, Crane, IN 47522					
Generating Location 300 Highway 361, Crane, IN 47522					
Disposal Site Name Medora Landfill			Tel. No. 812-966-2017		
Disposal Site Address 546 S. CR 870 West Medora, IN 47260					
<i>For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)</i>					
Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
<u>32</u> Contaminated Soil	14-0213-031	----	BULK	<u>21.67</u> <del>21.41</del>	Tons
Special Handling and/or Additional Information					
GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.					
Print/Type Name <u>Thomas J. Brew</u>			Signature <u>Thomas J. Brew</u>		Shipment Date <u>02/24/14</u>
TRANSPORTER					
Transporter 1			Transporter 2		
Name of Transporter Hanna Trucking			Name of Transporter		
Address 4672 West Vernal Pike, Bloomington, IN 47404			Address		
Driver Name <u>Richard Dye</u>			Driver Name		
Truck No. <u>32</u>	Telephone No. 812-339-3421		Truck No.	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature <u>Richard Dye</u> Date <u>2-24-14</u>			I hereby certify that the above named material was transported from the above listed location. Signature _____ Date _____		
DISPOSAL SITE					
Site Name Medora Landfill			Telephone No. 812-966-2017		
Address 546 S. CR 870 West Medora, IN 47260					
Discrepancies:					
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
Print Name <u>[Signature]</u>		Signature <u>[Signature]</u>		Receipt Date <u>2/24/14</u>	



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 027

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
<u>33</u> Contaminated Soil	14-0213-031	-----	BULK	<u>22.04</u> <u>21.72</u>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name

Signature

Shipment Date

Thomas J. CrewThomas J. Crew02/24/14**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Hanna Trucking	Name of Transporter	
Address	4672 West Vernal Pike, Bloomington, IN 47404	Address	
Driver Name	<u>SCOTT BUERS</u>	Driver Name	
Truck No.	<u>33</u>	Truck No.	
Telephone No.	812-339-3421	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.		I hereby certify that the above named material was transported from the above listed location.	
Signature	<u>Scott Buers</u>	Signature	
Date	<u>2-24-14</u>	Date	

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name

Signature

Receipt Date

HatterHatter2/24/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 028

UXO 7 (ORR)

GENERATOR					
Generator Name NSA Crane			Tel. No. 812-854-6160		
Address 300 Highway 361, Crane, IN 47522					
Generating Location 300 Highway 361, Crane, IN 47522					
Disposal Site Name Medora Landfill			Tel. No. 812-966-2017		
Disposal Site Address 546 S. CR 870 West Medora, IN 47260					
For each waste below, provide the <b>Rumpke approval number</b> , the <b>total number of containers</b> , <b>container type</b> (i.e. drum, tote, bulk), <b>total quantity of waste</b> , and <b>units in tons (TONS), cubic yards (CY), or gallons (GAL)</b>					
Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
27 Contaminated Soil	14-0213-031	----	BULK	22.84 22.51	Tons
Special Handling and/or Additional Information					
GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.					
Print/Type Name <u>Thomas J. Brew</u>			Signature <u>[Signature]</u>		Shipment Date <u>02/24/14</u>
TRANSPORTER					
Transporter 1			Transporter 2		
Name of Transporter Hanna Trucking			Name of Transporter		
Address 4672 West Vernal Pike, Bloomington, IN 47404			Address		
Driver Name <u>Keith Richardson</u>			Driver Name		
Truck No. <u>27</u>		Telephone No. 812-339-3421	Truck No.		Telephone No.
I hereby certify that the above named material was transported from the above listed location. Signature <u>[Signature]</u> Date <u>2-24-14</u>			I hereby certify that the above named material was transported from the above listed location. Signature _____ Date _____		
DISPOSAL SITE					
Site Name Medora Landfill			Telephone No. 812-966-2017		
Address 546 S. CR 870 West Medora, IN 47260					
Discrepancies:					
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
Print Name <u>[Signature]</u>		Signature <u>[Signature]</u>		Receipt Date <u>2/24/14</u>	



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 029

UXO 7 (ORR)

GENERATOR			
Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
				21.75	
34 Contaminated Soil	14-0213-031	----	BULK	21.42	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brew Signature: [Signature] Shipment Date: 02/24/14

TRANSPORTER			
Transporter 1		Transporter 2	
Name of Transporter	Hanna Trucking	Name of Transporter	
Address	4672 West Vernal Pike, Bloomington, IN 47404	Address	
Driver Name	<u>Vince Seier</u>	Driver Name	
Truck No.	<u>34</u>	Truck No.	
Telephone No.	812-339-3421	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature: <u>[Signature]</u> Date: <u>2-24-14</u>	I hereby certify that the above named material was transported from the above listed location.	Signature: _____ Date: _____

DISPOSAL SITE	
Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature] Signature: [Signature] Receipt Date: 2/24/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 030

UXO 7 (ORR)

GENERATOR					
Generator Name	NSA Crane	Tel. No.		812-854-6160	
Address	300 Highway 361, Crane, IN 47522				
Generating Location	300 Highway 361, Crane, IN 47522				
Disposal Site Name	Medora Landfill	Tel. No.		812-966-2017	
Disposal Site Address	546 S. CR 870 West Medora, IN 47260				
For each waste below, provide the <b>Rumpke approval number</b> , the <b>total number of containers</b> , <b>container type</b> (i.e. drum, tote, bulk), <b>total quantity of waste</b> , and <b>units in tons (TONS), cubic yards (CY), or gallons (GAL)</b>					
Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
41 Contaminated Soil	14-0213-031	----	BULK	19.07 <del>18.82</del>	Tons
Special Handling and/or Additional Information					
GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.					
Print/Type Name <i>Thomas J. Brew</i>			Signature <i>Thomas J. Brew</i>		Shipment Date <i>02/24/14</i>
TRANSPORTER					
Transporter 1			Transporter 2		
Name of Transporter Hanna Trucking			Name of Transporter		
Address 4672 West Vernal Pike, Bloomington, IN 47404			Address		
Driver Name <i>Roger Hardisty</i>			Driver Name		
Truck No. <i>41</i>	Telephone No. 812-339-3421		Truck No.	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature <i>Roger Hardisty</i> Date <i>2-24-2014</i>			I hereby certify that the above named material was transported from the above listed location. Signature _____ Date _____		
DISPOSAL SITE					
Site Name Medora Landfill			Telephone No. 812-966-2017		
Address 546 S. CR 870 West Medora, IN 47260					
Discrepancies:					
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
Print Name <i>J. Hoff</i>		Signature <i>J. Hoff</i>		Receipt Date <i>2/24/14</i>	



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 031

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
82 Contaminated Soil	14-0213-031	-----	BULK	18.33 <del>18.30</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name

Signature

Shipment Date

Thomas J. Brent

Thomas Brent

02/24/14

### TRANSPORTER

Transporter 1	Transporter 2
Name of Transporter Hanna Trucking	Name of Transporter
Address 4672 West Vernal Pike, Bloomington, IN 47404	Address
Driver Name Troy Higgs	Driver Name
Truck No. 82 Telephone No. 812-339-3421	Truck No. Telephone No.

I hereby certify that the above named material was transported from the above listed location.

Signature

Date

Troy Higgs

2-24-14

I hereby certify that the above named material was transported from the above listed location.

Signature

Date

### DISPOSAL SITE

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name

Signature

Receipt Date

Hetter

[Signature]

2/24/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 032

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
35 Contaminated Soil	14-0213-031	----	BULK	18.91 <del>18.77</del>	Tons

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brent	<i>[Signature]</i>	02/24/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter Hanna Trucking		Name of Transporter	
Address 4672 West Vernal Pike, Bloomington, IN 47404		Address	
Driver Name Brad West		Driver Name	
Truck No. 35	Telephone No. 812-339-3421	Truck No.	Telephone No.
I hereby certify that the above named material was transported from the above listed location. Signature: <i>Brad West</i> Date: 2-24-14		I hereby certify that the above named material was transported from the above listed location. Signature: _____ Date: _____	

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
<i>[Signature]</i>	<i>[Signature]</i>	2/24/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 033

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Address	300 Highway 361, Crane, IN 47522
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Disposal Site Address	546 S. CR 870 West Medora, IN 47260

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
80 Contaminated Soil	14-0213-031	----	BULK	20.79 20.71	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brew      Signature: [Signature]      Shipment Date: 02/24/14

TRANSPORTER

Transporter 1		Transporter 2	
Name of Transporter	Hanna Trucking	Name of Transporter	
Address	4672 West Vernal Pike, Bloomington, IN 47404	Address	
Driver Name	<u>[Signature]</u>	Driver Name	
Truck No.	80	Truck No.	
Telephone No.	812-339-3421	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature: <u>[Signature]</u> Date: <u>2-24-14</u>	I hereby certify that the above named material was transported from the above listed location.	Signature: _____      Date: _____

DISPOSAL SITE

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature]      Signature: [Signature]      Receipt Date: 2/24/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 034

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
85 Contaminated Soil	14-0213-031	----	BULK	19.87	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name

Signature

Shipment Date

Thomas J. CrewThomas J. Crew02/24/14**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Hanna Trucking	Name of Transporter	
Address	4672 West Vernal Pike, Bloomington, IN 47404	Address	
Driver Name	<u>Keith Powers</u>	Driver Name	
Truck No.	<u>85</u>	Truck No.	
Telephone No.	812-339-3421	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature

Date

Keith Powers2-24-14

I hereby certify that the above named material was transported from the above listed location.

Signature

Date

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name

Signature

Receipt Date

Hecker[Signature]2/24/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 035

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
46 Contaminated Soil	14-0213-031	----	BULK	20.64 20.57	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name

Signature

Shipment Date

Thomas J. CrewThomas J. Crew02/24/14

### TRANSPORTER

Transporter 1		Transporter 2	
Name of Transporter	Hanna Trucking	Name of Transporter	
Address	4672 West Vernal Pike, Bloomington, IN 47404	Address	
Driver Name	<u>Keith B Lantz</u>	Driver Name	
Truck No.	<u>46</u>	Truck No.	
Telephone No.	812-339-3421	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.		I hereby certify that the above named material was transported from the above listed location.	
Signature	<u>Keith B. Lantz</u>	Signature	
Date	<u>2-24-14</u>	Date	

### DISPOSAL SITE

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name

Signature

Receipt Date

J. PfeifferJ. Pfeiffer2/24/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 036

UXO 7 (ORR)

GENERATOR					
Generator Name NSA Crane			Tel. No. 812-854-6160		
Address 300 Highway 361, Crane, IN 47522					
Generating Location 300 Highway 361, Crane, IN 47522					
Disposal Site Name Medora Landfill			Tel. No. 812-966-2017		
Disposal Site Address 546 S. CR 870 West Medora, IN 47260					
For each waste below, provide the <b>Rumpke approval number</b> , the <b>total number of containers</b> , <b>container type</b> (i.e. drum, tote, bulk), <b>total quantity of waste</b> , and <b>units in tons (TONS), cubic yards (CY), or gallons (GAL)</b>					
Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
<u>33</u> Contaminated Soil	14-0213-031	----	BULK	<u>22-30</u> <u>22.01</u>	Tons
Special Handling and/or Additional Information					
GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.					
Print/Type Name <u>Thomas J. Brew</u>			Signature <u>[Signature]</u>		Shipment Date <u>02/24/14</u>
TRANSPORTER					
Transporter 1			Transporter 2		
Name of Transporter Hanna Trucking			Name of Transporter		
Address 4672 West Vernal Pike, Bloomington, IN 47404			Address		
Driver Name <u>SCOTTY FLYERS</u>			Driver Name		
Truck No. <u>33</u>	Telephone No. 812-339-3421		Truck No.	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature <u>[Signature]</u> Date <u>2-24-14</u>			I hereby certify that the above named material was transported from the above listed location. Signature _____ Date _____		
DISPOSAL SITE					
Site Name Medora Landfill			Telephone No. 812-966-2017		
Address 546 S. CR 870 West Medora, IN 47260					
Discrepancies:					
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
Print Name <u>[Signature]</u>			Signature <u>[Signature]</u>		Receipt Date <u>2/24/14</u>



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 057

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
27 Contaminated Soil	14-0213-031	----	BULK	21.00 <del>20.88</del>	Tons

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: [Signature] Shipment Date: 02/24/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Hanna Trucking	Name of Transporter	
Address	4672 West Vernal Pike, Bloomington, IN 47404	Address	
Driver Name	<u>Keith Richardson</u>	Driver Name	
Truck No.	<u>27</u>	Truck No.	
Telephone No.	812-339-3421	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature: <u>Keith Richardson</u> Date: <u>2-24-14</u>	I hereby certify that the above named material was transported from the above listed location.	Signature: _____ Date: _____

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature] Signature: [Signature] Receipt Date: 2/24/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 038

UXO 7 (ORR)

GENERATOR					
Generator Name NSA Crane			Tel. No. 812-854-6160		
Address 300 Highway 361, Crane, IN 47522					
Generating Location 300 Highway 361, Crane, IN 47522					
Disposal Site Name Medora Landfill			Tel. No. 812-966-2017		
Disposal Site Address 546 S. CR 870 West Medora, IN 47260					
<i>For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)</i>					
Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
34 Contaminated Soil	14-0213-031	----	BULK	21.39	Tons
Special Handling and/or Additional Information					
GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.					
Print/Type Name <i>Thomas J. Brew</i>			Signature <i>Thomas J. Brew</i>		Shipment Date <i>02/24/14</i>
TRANSPORTER					
Transporter 1			Transporter 2		
Name of Transporter Hanna Trucking			Name of Transporter		
Address 4672 West Vernal Pike, Bloomington, IN 47404			Address		
Driver Name <i>Vince Green</i>			Driver Name		
Truck No. <i>34</i>	Telephone No. 812-339-3421		Truck No.	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature <i>[Signature]</i> Date <i>2-24-14</i>			I hereby certify that the above named material was transported from the above listed location. Signature _____ Date _____		
DISPOSAL SITE					
Site Name Medora Landfill			Telephone No. 812-966-2017		
Address 546 S. CR 870 West Medora, IN 47260					
Discrepancies:					
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
Print Name <i>Staffer</i>		Signature <i>[Signature]</i>		Receipt Date <i>2/24/14</i>	



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 039

UXO 7 (ORR)

GENERATOR					
Generator Name NSA Crane			Tel. No. 812-854-6160		
Address 300 Highway 361, Crane, IN 47522					
Generating Location 300 Highway 361, Crane, IN 47522					
Disposal Site Name Medora Landfill			Tel. No. 812-966-2017		
Disposal Site Address 546 S. CR 870 West Medora, IN 47260					
<i>For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)</i>					
Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
32 Contaminated Soil	14-0213-031	----	BULK	22.40 <del>22.22</del>	Tons
Special Handling and/or Additional Information					
GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.					
Print/Type Name <u>Thomas J. Crew</u>			Signature <u>[Signature]</u>		Shipment Date <u>02/24/14</u>
TRANSPORTER					
Transporter 1			Transporter 2		
Name of Transporter Hanna Trucking			Name of Transporter		
Address 4672 West Vernal Pike, Bloomington, IN 47404			Address		
Driver Name <u>Richard Dye</u>			Driver Name		
Truck No. <u>32</u>	Telephone No. 812-339-3421		Truck No.	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature <u>Richard Dye</u> Date <u>2-24-14</u>			I hereby certify that the above named material was transported from the above listed location. Signature _____ Date _____		
DISPOSAL SITE					
Site Name Medora Landfill			Telephone No. 812-966-2017		
Address 546 S. CR 870 West Medora, IN 47260					
Discrepancies:					
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
Print Name <u>[Signature]</u>			Signature <u>[Signature]</u>		Receipt Date <u>2/24/14</u>



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 040

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
41 Contaminated Soil	14-0213-031	----	BULK	22.05 <del>22.01</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name

Signature

Shipment Date

Thomas J. Brent

Thomas Brent

02/24/14

### TRANSPORTER

Transporter 1		Transporter 2	
Name of Transporter	Hanna Trucking	Name of Transporter	
Address	4672 West Vernal Pike, Bloomington, IN 47404	Address	
Driver Name	Roger Aardistx	Driver Name	
Truck No.	41	Truck No.	
Telephone No.	812-339-3421	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.		I hereby certify that the above named material was transported from the above listed location.	
Signature	Roger Aardistx	Signature	
Date	2-24-2014	Date	

### DISPOSAL SITE

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name

Signature

Receipt Date

K. Keff

[Signature]

2/24/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 041

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
82 Contaminated Soil	14-0213-031	----	BULK	21.64 21.77	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: [Signature] Shipment Date: 02/24/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Hanna Trucking	Name of Transporter	
Address	4672 West Vernal Pike, Bloomington, IN 47404	Address	
Driver Name	<u>Troy Higgs</u>	Driver Name	
Truck No.	<u>82</u>	Truck No.	
Telephone No.	812-339-3421	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature: [Signature] Date: 2-24-14

I hereby certify that the above named material was transported from the above listed location.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature] Signature: [Signature] Receipt Date: 2/24/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 042

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Address	
300 Highway 361, Crane, IN 47522	
Generating Location	
300 Highway 361, Crane, IN 47522	
Disposal Site Name	Medora Landfill
Disposal Site Address	
546 S. CR 870 West Medora, IN 47260	

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
Contaminated Soil	14-0213-031	----	BULK	21.03 <del>20.35</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brew      Signature: [Signature]      Shipment Date: 02/24/14

TRANSPORTER			
Transporter 1		Transporter 2	
Name of Transporter		Name of Transporter	
Hanna Trucking			
Address		Address	
4672 West Vernal Pike, Bloomington, IN 47404			
Driver Name		Driver Name	
<u>Brad West</u>			
Truck No.	Telephone No.	Truck No.	Telephone No.
	812-339-3421		
I hereby certify that the above named material was transported from the above listed location.		I hereby certify that the above named material was transported from the above listed location.	
Signature: <u>Brad West</u> Date: <u>2-24-14</u>		Signature: _____      Date: _____	

DISPOSAL SITE	
Site Name	Medora Landfill
Address	
546 S. CR 870 West Medora, IN 47260	
Telephone No.	
812-966-2017	

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature]      Signature: [Signature]      Receipt Date: 2/24/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 043

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
80 Contaminated Soil	14-0213-031	-----	BULK	18.86 18.92	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name

Signature

Shipment Date

Thomas J. Brent

02/24/14

### TRANSPORTER

Transporter 1		Transporter 2	
Name of Transporter	Hanna Trucking	Name of Transporter	
Address	4672 West Vernal Pike, Bloomington, IN 47404	Address	
Driver Name		Driver Name	
Truck No.	80	Truck No.	
Telephone No.	812-339-3421	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.		I hereby certify that the above named material was transported from the above listed location.	
Signature		Signature	
Date	2-24-14	Date	

### DISPOSAL SITE

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name

Signature

Receipt Date

2/24/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 044

UXO 7 (ORR)

GENERATOR					
Generator Name NSA Crane			Tel. No. 812-854-6160		
Address 300 Highway 361, Crane, IN 47522					
Generating Location 300 Highway 361, Crane, IN 47522					
Disposal Site Name Medora Landfill			Tel. No. 812-966-2017		
Disposal Site Address 546 S. CR 870 West Medora, IN 47260					
<i>For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)</i>					
Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
<b>85</b> Contaminated Soil	14-0213-031	----	BULK	22.31 22.53	Tons
Special Handling and/or Additional Information					
GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.					
Print/Type Name <i>Thomas J. Brent</i>			Signature <i>Thomas J. Brent</i>		Shipment Date <i>02/24/14</i>
TRANSPORTER					
Transporter 1			Transporter 2		
Name of Transporter Hanna Trucking			Name of Transporter		
Address 4672 West Vernal Pike, Bloomington, IN 47404			Address		
Driver Name <i>Keith Powers</i>			Driver Name		
Truck No. <i>85</i>	Telephone No. 812-339-3421		Truck No.	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.			I hereby certify that the above named material was transported from the above listed location.		
Signature <i>Keith Powers</i>		Date <i>2-24-14</i>	Signature		Date
DISPOSAL SITE					
Site Name Medora Landfill			Telephone No. 812-966-2017		
Address 546 S. CR 870 West Medora, IN 47260					
Discrepancies:					
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
Print Name <i>Stette</i>		Signature <i>[Signature]</i>		Receipt Date <i>2/24/14</i>	



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 045

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
46 Contaminated Soil	14-0213-031	----	BULK	19.12 18.98	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name \_\_\_\_\_ Signature \_\_\_\_\_ Shipment Date \_\_\_\_\_

*Thomas J. Bruce* *Thomas J. Bruce* 2/25/14

TRANSPORTER			
Transporter 1		Transporter 2	
Name of Transporter	Hanna Trucking	Name of Transporter	
Address	4672 West Vernal Pike, Bloomington, IN 47404	Address	
Driver Name	Keith B Lentz	Driver Name	
Truck No.	46	Truck No.	
Telephone No.	812-339-3421	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature _____ Date <u>2-25-14</u>	I hereby certify that the above named material was transported from the above listed location.	Signature _____ Date _____

DISPOSAL SITE	
Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name \_\_\_\_\_ Signature \_\_\_\_\_ Receipt Date \_\_\_\_\_

*Heiffer* *[Signature]* 2/25/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 046

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
32 Contaminated Soil	14-0213-031	----	BULK	19.80 19.64	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Bruce      Signature: [Signature]      Shipment Date: 2/25/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Hanna Trucking	Name of Transporter	
Address	4672 West Vernal Pike, Bloomington, IN 47404	Address	
Driver Name	<u>Richard J. [Signature]</u>	Driver Name	
Truck No.	<u>32</u>	Truck No.	
Telephone No.	812-339-3421	Telephone No.	

I hereby certify that the above named material was transported from the above listed location

Signature: [Signature]      Date: 2-25-14

I hereby certify that the above named material was transported from the above listed location.

Signature: \_\_\_\_\_      Date: \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature]      Signature: [Signature]      Receipt Date: 2/25/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 047

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units** in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
27 Contaminated Soil	14-0213-031	----	BULK	20.63	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste under Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Bress Signature: [Signature]

20.75

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Hanna Trucking	Name of Transporter	
Address	4672 West Vernal Pike, Bloomington, IN 47404	Address	
Driver Name	<u>Keith Richardson</u>	Driver Name	
Truck No.	27	Truck No.	
Telephone No.	812-339-3421	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature: <u>Keith Richardson</u> Date: <u>2-25-14</u>	I hereby certify that the above named material was transported from the above listed location. Signature: _____ Date: _____		

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: Byron Collins Signature: Byron Collins Receipt Date: 2-25-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 048

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
33 Contaminated Soil	14-0213-031	----	BULK	22.02	Tons

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brant	<i>Thomas J. Brant</i>	2/25/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Hanna Trucking	Name of Transporter	
Address	4672 West Vernal Pike, Bloomington, IN 47404	Address	
Driver Name	SCOTT BYERS	Driver Name	
Truck No.	33	Truck No.	
Telephone No.	812-339-3421	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature	Date
<i>Scott Byers</i>	2-25-14

I hereby certify that the above named material was transported from the above listed location.

Signature	Date

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
Byron Collins	<i>Byron Collins</i>	2-25-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 049

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
<b>34</b> Contaminated Soil	<b>14-0213-031</b>	----	<b>BULK</b>	<b>21.12</b> <b>20.90</b>	<b>Tons</b>

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas T. Bruce      Signature: [Signature]      Shipment Date: 2/25/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Hanna Trucking	Name of Transporter	
Address	4672 West Vernal Pike, Bloomington, IN 47404	Address	
Driver Name	<u>Vince Geier</u>	Driver Name	
Truck No.	<u>34</u>	Truck No.	
Telephone No.	812-339-3421	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature: <u>[Signature]</u> Date: <u>2-25-14</u>	I hereby certify that the above named material was transported from the above listed location. Signature: _____      Date: _____		

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature]      Signature: [Signature]      Receipt Date: 2/25/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 650

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
41 Contaminated Soil	14-0213-031	----	BULK	21.81	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brees	<i>Thomas J. Brees</i>	2/25/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Hanna Trucking	Name of Transporter	
Address	4672 West Vernal Pike, Bloomington, IN 47404	Address	
Driver Name	<i>Roger Handist</i>	Driver Name	
Truck No.	Telephone No. 812-339-3421	Truck No.	Telephone No.

I hereby certify that the above named material was transported from the above listed location.

Signature	Date
<i>Roger Handist</i>	2-25-2014

I hereby certify that the above named material was transported from the above listed location.

Signature	Date

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
Byron Collins	<i>Byron Collins</i>	2-25-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 051

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
<u>82</u> Contaminated Soil	14-0213-031	----	BULK	21.84	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Bicus      Signature: [Signature]      Shipment Date: 2/25/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Hanna Trucking	Name of Transporter	
Address	4672 West Vernal Pike, Bloomington, IN 47404	Address	
Driver Name	<u>Troy Higgs</u>	Driver Name	
Truck No.	<u>82</u>	Truck No.	
Telephone No.	812-339-3421	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature: [Signature]      Date: 2-25-14

I hereby certify that the above named material was transported from the above listed location.

Signature:      Date:     

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: Byron Collins      Signature: [Signature]      Receipt Date: 2-25-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 052

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
85 Contaminated Soil	14-0213-031	----	BULK	22.08	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Bruce	<i>Thomas J. Bruce</i>	2/25/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Hanna Trucking	Name of Transporter	
Address	4672 West Vernal Pike, Bloomington, IN 47404	Address	
Driver Name	Keith Powers	Driver Name	
Truck No.	85	Truck No.	
Telephone No.	812-339-3421	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature	I hereby certify that the above named material was transported from the above listed location.	Signature
	<i>Keith Powers</i>		
	Date		Date
	1-25-14		

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
Byron Collins	<i>Byron Collins</i>	2-25-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 053

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units** in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
35 Contaminated Soil	14-0213-031	-----	BULK	20.19	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name \_\_\_\_\_ Signature \_\_\_\_\_ Shipment Date \_\_\_\_\_

Thomas J. Bruce Thomas J. Bruce 2/25/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter Hanna Trucking		Name of Transporter	
Address 4672 West Vernal Pike, Bloomington, IN 47404		Address	
Driver Name <u>Brad West</u>		Driver Name	
Truck No. <u>35</u>	Telephone No. 812-339-3421	Truck No.	Telephone No.
I hereby certify that the above named material was transported from the above listed location. Signature <u>Brad West</u> Date <u>2-25-14</u>		I hereby certify that the above named material was transported from the above listed location. Signature _____ Date _____	

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name \_\_\_\_\_ Signature \_\_\_\_\_ Receipt Date \_\_\_\_\_  
Byron Collins Byron Collins 2-25-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 054

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
80 Contaminated Soil	14-0213-031	----	BULK	20.61	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Bruns      Signature: [Signature]      Shipment Date: 2/25/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Hanna Trucking	Name of Transporter	
Address	4672 West Vernal Pike, Bloomington, IN 47404	Address	
Driver Name	<u>[Signature]</u>	Driver Name	
Truck No.	80	Truck No.	
Telephone No.	812-339-3421	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature: [Signature]      Date: 2/25-14

I hereby certify that the above named material was transported from the above listed location.

Signature: \_\_\_\_\_      Date: \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature]      Signature: [Signature]      Receipt Date: 2/25/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 055

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
18 Contaminated Soil	14-0213-031	-----	BULK	20.77	Tons

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Bruce		2/25/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter		Name of Transporter	
Hanna Trucking			
Address		Address	
4672 West Vernal Pike, Bloomington, IN 47404			
Driver Name		Driver Name	
Anthony Carter			
Truck No.	Telephone No.	Truck No.	Telephone No.
18	812-339-3421		

I hereby certify that the above named material was transported from the above listed location.

Signature	Date
	2-25-14

I hereby certify that the above named material was transported from the above listed location.

Signature	Date

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
		2/25/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 056

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
33 Contaminated Soil	14-0213-031	----	BULK	20.63	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Bruce	<i>Thomas J. Bruce</i>	2/25/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Hanna Trucking	Name of Transporter	
Address	4672 West Vernal Pike, Bloomington, IN 47404	Address	
Driver Name	SCOTTY BUEHLS	Driver Name	
Truck No.	33	Truck No.	
Telephone No.	812-339-3421	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	I hereby certify that the above named material was transported from the above listed location.	Signature	Date
<i>Scotty Buehls</i>	<i>Scotty Buehls</i>		2-25-14

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
Byron Collins	<i>Byron Collins</i>	2-25-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 057

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
27 Contaminated Soil	14-0213-031	----	BULK	22.32	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name \_\_\_\_\_ Signature \_\_\_\_\_ Shipment Date \_\_\_\_\_

Thomas J. Brant Thomas J. Brant 2/25/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Hanna Trucking	Name of Transporter	
Address	4672 West Vernal Pike, Bloomington, IN 47404	Address	
Driver Name	<u>Keith Richardson</u>	Driver Name	
Truck No.	<u>27</u>	Truck No.	
Telephone No.	812-339-3421	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature Keith Richardson Date 2-25-14

I hereby certify that the above named material was transported from the above listed location.

Signature \_\_\_\_\_ Date \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name \_\_\_\_\_ Signature Byron Collins Receipt Date 2-25-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 058

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units** in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
46 Contaminated Soil	14-0213-031	-----	BULK	20.84	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Bruce	<i>Thomas J. Bruce</i>	2/25/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Hanna Trucking	Name of Transporter	
Address	4672 West Vernal Pike, Bloomington, IN 47404	Address	
Driver Name	Keith B. Lentz	Driver Name	
Truck No.	46	Truck No.	
Telephone No.	812-339-3421	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature: <i>Keith B. Lentz</i> Date: 2-25-14	I hereby certify that the above named material was transported from the above listed location.	Signature:                      Date:

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
Byron Collins	<i>Byron Collins</i>	2-25-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 059

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
32 Contaminated Soil	14-0213-031	----	BULK	22.22	Tons

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Bress      Signature: [Signature]      Shipment Date: 2-25-14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter Hanna Trucking		Name of Transporter	
Address 4672 West Vernal Pike, Bloomington, IN 47404		Address	
Driver Name <u>Richard Ditz</u>		Driver Name	
Truck No. 32	Telephone No. 812-339-3421	Truck No.	Telephone No.

I hereby certify that the above named material was transported from the above listed location.

Signature: [Signature]      Date: 2-25-14

I hereby certify that the above named material was transported from the above listed location.

Signature: \_\_\_\_\_      Date: \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: Byron Collins      Signature: [Signature]      Receipt Date: 2-25-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 060

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
34 Contaminated Soil	14-0213-031	-----	BULK	21.08	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name

Signature

Shipment Date

Thomas J. Bruce Thomas J. Bruce 2/25/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Hanna Trucking	Name of Transporter	
Address	4672 West Vernal Pike, Bloomington, IN 47404	Address	
Driver Name	<u>W. E. Seavey</u>	Driver Name	
Truck No.	34	Truck No.	
Telephone No.	812-339-3421	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature

Date 2-25-14

I hereby certify that the above named material was transported from the above listed location.

Signature

Date

W. E. Seavey

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name

Signature

Receipt Date

Byron Collins Byron Collins 2-25-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 61

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
46 Contaminated Soil	14-0213-031	----	BULK	17.97	Tons

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brew	<i>Thomas J. Brew</i>	2/28/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter Hanna Trucking		Name of Transporter	
Address 4672 West Vernal Pike, Bloomington, IN 47404		Address	
Driver Name Keith B Lentz		Driver Name	
Truck No. 46	Telephone No. 812-339-3421	Truck No.	Telephone No.

I hereby certify that the above named material was transported from the above listed location.

Signature <i>Keith B. Lentz</i>	Date 2-28-14
------------------------------------	-----------------

I hereby certify that the above named material was transported from the above listed location.

Signature	Date
-----------	------

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
Byron Collins	<i>Byron Collins</i>	2-28-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 62

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
<u>32</u> Contaminated Soil	14-0213-031	----	BULK	18.76	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
<u>Thomas J. Brew</u>	<u>Thomas J. Brew</u>	<u>2/28/14</u>

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter		Name of Transporter	
Hanna Trucking			
Address		Address	
4672 West Vernal Pike, Bloomington, IN 47404			
Driver Name		Driver Name	
<u>Richard Frie</u>			
Truck No.	Telephone No.	Truck No.	Telephone No.
<u>32</u>	812-339-3421		

I hereby certify that the above named material was transported from the above listed location.

Signature	Date
<u>Richard Frie</u>	<u>2-28-14</u>

I hereby certify that the above named material was transported from the above listed location.

Signature	Date

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
<u>L Curry</u>	<u>[Signature]</u>	<u>2-28-14</u>



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 63

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
<b>33</b> Contaminated Soil	14-0213-031	----	BULK	21.95	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
<u>Thomas J. Bress</u>	<u>Thomas J. Bress</u>	<u>2/28/14</u>

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Hanna Trucking	Name of Transporter	
Address	4672 West Vernal Pike, Bloomington, IN 47404	Address	
Driver Name	<u>SCOTT BYERLS</u>	Driver Name	
Truck No.	<u>33</u>	Truck No.	
Telephone No.	812-339-3421	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature	Date
<u>Scott Byerls</u>	<u>2-28-14</u>

I hereby certify that the above named material was transported from the above listed location.

Signature	Date

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
<u>L. Curry</u>	<u>[Signature]</u>	<u>2-28-14</u>



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 64

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
72 Contaminated Soil	14-0213-031	----	BULK	21.74	Tons

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brew	<i>Thomas J. Brew</i>	2/28/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter Hanna Trucking		Name of Transporter	
Address 4672 West Vernal Pike, Bloomington, IN 47404		Address	
Driver Name		Driver Name	
Truck No. 72	Telephone No. 812-339-3421	Truck No.	Telephone No.

I hereby certify that the above named material was transported from the above listed location.

Signature: *[Signature]* Date: 2-28-14

I hereby certify that the above named material was transported from the above listed location.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
Byron Collins	<i>Byron Collins</i>	2-28-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 065

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
27 Contaminated Soil	14-0213-031	----	BULK	19.87	Tons

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brew	<i>Thomas J. Brew</i>	2/28/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter Hanna Trucking		Name of Transporter	
Address 4672 West Vernal Pike, Bloomington, IN 47404		Address	
Driver Name <i>Keith Richardson</i>		Driver Name	
Truck No. 27	Telephone No. 812-339-3421	Truck No.	Telephone No.
I hereby certify that the above named material was transported from the above listed location. Signature <i>Keith Richardson</i> Date <i>2-28-14</i>		I hereby certify that the above named material was transported from the above listed location. Signature _____ Date _____	

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
Byron Collins	<i>Byron Collins</i>	2-28-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 66

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
34 Contaminated Soil	14-0213-031	----	BULK	19.51	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brent	<i>Thomas J. Brent</i>	2/28/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Hanna Trucking	Name of Transporter	
Address	4672 West Vernal Pike, Bloomington, IN 47404	Address	
Driver Name	Vince Geier	Driver Name	
Truck No.	34	Truck No.	
Telephone No.	812-339-3421	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature	I hereby certify that the above named material was transported from the above listed location.	Signature
	Date 2-28-14		Date

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
Byron Collins	<i>Byron Collins</i>	2-28-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 067

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
85 Contaminated Soil	14-0213-031	----	BULK	19.63 19.38	Tons

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brew	<i>Thomas J. Brew</i>	2/28/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter Hanna Trucking		Name of Transporter	
Address 4672 West Vernal Pike, Bloomington, IN 47404		Address	
Driver Name Keith Powers		Driver Name	
Truck No. 85	Telephone No. 812-339-3421	Truck No.	Telephone No.

I hereby certify that the above named material was transported from the above listed location.

Signature *Keith Powers* Date 2-28-14

I hereby certify that the above named material was transported from the above listed location.

Signature \_\_\_\_\_ Date \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
_____	_____	_____



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 068

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
41 Contaminated Soil	14-0213-031	-----	BULK	17.68	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name \_\_\_\_\_ Signature \_\_\_\_\_ Shipment Date \_\_\_\_\_

Thomas J. Breen

Thomas J. Breen

2/28/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Hanna Trucking	Name of Transporter	
Address	4672 West Vernal Pike, Bloomington, IN 47404	Address	
Driver Name	Kevin Nordstrom	Driver Name	
Truck No.	41	Truck No.	
Telephone No.	812-339-3421	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature \_\_\_\_\_

Date 2-28-14

I hereby certify that the above named material was transported from the above listed location.

Signature \_\_\_\_\_

Date \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name \_\_\_\_\_

Signature \_\_\_\_\_

Receipt Date \_\_\_\_\_

Byron Collins

Byron Collins

2-28-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 069

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
18 Contaminated Soil	14-0213-031	----	BULK	17.3	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
<u>Thomas J. Brew</u>	<u>Thomas J. Brew</u>	<u>2/28/14</u>

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Hanna Trucking	Name of Transporter	
Address	4672 West Vernal Pike, Bloomington, IN 47404	Address	
Driver Name	<u>Tony Carter</u>	Driver Name	
Truck No.	<u>18</u>	Truck No.	
Telephone No.	812-339-3421	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	I hereby certify that the above named material was transported from the above listed location.		
Signature	<u>Tony Carter</u>	Signature	
Date	<u>2-28-14</u>	Date	

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
<u>Byron Collins</u>	<u>Byron Collins</u>	<u>2-28-14</u>



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 070

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
<b>35</b> Contaminated Soil	14-0213-031	----	BULK	17.24	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name \_\_\_\_\_ Signature \_\_\_\_\_ Shipment Date \_\_\_\_\_

*Thomas J. Brew*      *Thomas J. Brew*      2/28/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter Hanna Trucking		Name of Transporter	
Address 4672 West Vernal Pike, Bloomington, IN 47404		Address	
Driver Name <b>Brad</b> <i>west</i>		Driver Name	
Truck No. <b>35</b>	Telephone No. 812-339-3421	Truck No.	Telephone No.
I hereby certify that the above named material was transported from the above listed location. Signature <i>Brad West</i> Date <u>2-28-14</u>		I hereby certify that the above named material was transported from the above listed location. Signature _____      Date _____	

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name \_\_\_\_\_ Signature \_\_\_\_\_ Receipt Date \_\_\_\_\_

*Byron Collins*      *Byron Collins*      2-28-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 071

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
80 Contaminated Soil	14-0213-031	----	BULK	18.62	Tons

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brew      Signature: Thomas J. Brew      Shipment Date: 2/28/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter Hanna Trucking		Name of Transporter	
Address 4672 West Vernal Pike, Bloomington, IN 47404		Address	
Driver Name <u>Randy Holtzsch</u>		Driver Name	
Truck No. 80	Telephone No. 812-339-3421	Truck No.	Telephone No.
I hereby certify that the above named material was transported from the above listed location. Signature: <u>RSK</u> Date: <u>2-28-14</u>		I hereby certify that the above named material was transported from the above listed location. Signature:      Date:	

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: Byron Collins      Signature: Byron Collins      Receipt Date: 2-28-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 072

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
<u>82</u> Contaminated Soil	14-0213-031	-----	BULK	<u>18.7</u>	Tons

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name \_\_\_\_\_ Signature \_\_\_\_\_ Shipment Date \_\_\_\_\_

Thomas J. Brew Thomas J. Brew 2/28/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Hanna Trucking	Name of Transporter	
Address	4672 West Vernal Pike, Bloomington, IN 47404	Address	
Driver Name	<u>Roy Higgs</u>	Driver Name	
Truck No.	<u>82</u>	Truck No.	
Telephone No.	812-339-3421	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature Roy Higgs Date 2-28-14

I hereby certify that the above named material was transported from the above listed location.

Signature \_\_\_\_\_ Date \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name Byron Collins Signature Byron Collins Receipt Date 2-28-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 073

UXO 7 (ORR)

GENERATOR						
Generator Name NSA Crane			Tel. No. 812-854-6160			
Address 300 Highway 361, Crane, IN 47522						
Generating Location 300 Highway 361, Crane, IN 47522						
Disposal Site Name Medora Landfill			Tel. No. 812-966-2017			
Disposal Site Address 546 S. CR 870 West Medora, IN 47260						
<i>For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)</i>						
Waste Description	Rumpke Approval No.	Containers		Amount		
		No.	Type	Total Quantity	Units	
46 Contaminated Soil	14-0213-031	----	BULK	17.43 <del>19.37</del>	Tons	
Special Handling and/or Additional Information						
GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.						
Print/Type Name <u>Thomas J. Brew</u>			Signature <u>Thomas J. Brew</u>		Shipment Date <u>2/28/14</u>	
TRANSPORTER						
Transporter 1			Transporter 2			
Name of Transporter Hanna Trucking			Name of Transporter			
Address 4672 West Vernal Pike, Bloomington, IN 47404			Address			
Driver Name <u>Keith B Lentz</u>			Driver Name			
Truck No. <u>46</u>	Telephone No. 812-339-3421		Truck No.	Telephone No.		
I hereby certify that the above named material was transported from the above listed location. Signature <u>Keith B Lentz</u> Date <u>2-28-14</u>			I hereby certify that the above named material was transported from the above listed location. Signature _____ Date _____			
DISPOSAL SITE						
Site Name Medora Landfill			Telephone No. 812-966-2017			
Address 546 S. CR 870 West Medora, IN 47260						
Discrepancies:						
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.						
Print Name <u>Hester</u>			Signature <u>[Signature]</u>		Receipt Date <u>2/28/14</u>	



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 074

UXO 7 (ORR)

GENERATOR					
Generator Name NSA Crane			Tel. No. 812-854-6160		
Address 300 Highway 361, Crane, IN 47522					
Generating Location 300 Highway 361, Crane, IN 47522					
Disposal Site Name Medora Landfill			Tel. No. 812-966-2017		
Disposal Site Address 546 S. CR 870 West Medora, IN 47260					
For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)					
Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
32 Contaminated Soil	14-0213-031	----	BULK	19.79 <del>19.78</del>	Tons
Special Handling and/or Additional Information					
GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.					
Print/Type Name <u>Thomas J. Brew</u>		Signature <u>Thomas J. Brew</u>		Shipment Date <u>2/28/14</u>	
TRANSPORTER					
Transporter 1			Transporter 2		
Name of Transporter Hanna Trucking			Name of Transporter		
Address 4672 West Vernal Pike, Bloomington, IN 47404			Address		
Driver Name <u>Richard Dye</u>			Driver Name		
Truck No. <u>32</u>	Telephone No. 812-339-3421		Truck No.	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature <u>Richard Dye</u> Date <u>2-28-14</u>			I hereby certify that the above named material was transported from the above listed location. Signature _____ Date _____		
DISPOSAL SITE					
Site Name Medora Landfill			Telephone No. 812-966-2017		
Address 546 S. CR 870 West Medora, IN 47260					
Discrepancies:					
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
Print Name <u>Reffer</u>		Signature <u>[Signature]</u>		Receipt Date <u>2/28/14</u>	



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 075

UXO 7 (ORR)

GENERATOR						
Generator Name NSA Crane				Tel. No. 812-854-6160		
Address 300 Highway 361, Crane, IN 47522						
Generating Location 300 Highway 361, Crane, IN 47522						
Disposal Site Name Medora Landfill				Tel. No. 812-966-2017		
Disposal Site Address 546 S. CR 870 West Medora, IN 47260						
For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)						
Waste Description	Rumpke Approval No.	Containers		Amount		
		No.	Type	Total Quantity	Units	
33 Contaminated Soil	14-0213-031	----	BULK	21.87 <del>21.55</del>	Tons	
Special Handling and/or Additional Information						
GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.						
Print/Type Name			Signature		Shipment Date	
Thomas J. Breun			Thomas J. Breun		2/28/17	
TRANSPORTER						
Transporter 1			Transporter 2			
Name of Transporter Hanna Trucking			Name of Transporter			
Address 4672 West Vernal Pike, Bloomington, IN 47404			Address			
Driver Name SCOTTY BYERS			Driver Name			
Truck No. 33		Telephone No. 812-339-3421	Truck No.		Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature: Scotty Byers Date: 2/28/17			I hereby certify that the above named material was transported from the above listed location. Signature: _____ Date: _____			
DISPOSAL SITE						
Site Name Medora Landfill			Telephone No. 812-966-2017			
Address 546 S. CR 870 West Medora, IN 47260						
Discrepancies:						
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.						
Print Name Kester			Signature Kester		Receipt Date 2/28/17	



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 076

UXO 7 (ORR)

GENERATOR					
Generator Name NSA Crane			Tel. No. 812-854-6160		
Address 300 Highway 361, Crane, IN 47522					
Generating Location 300 Highway 361, Crane, IN 47522					
Disposal Site Name Medora Landfill			Tel. No. 812-966-2017		
Disposal Site Address 546 S. CR 870 West Medora, IN 47260					
<i>For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)</i>					
Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
72 Contaminated Soil	14-0213-031	-----	BULK	19.60 19.04	Tons
Special Handling and/or Additional Information					
GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.					
Print/Type Name <u>Thomas J. Breinin</u>			Signature <u>[Signature]</u>		Shipment Date <u>2/28/14</u>
TRANSPORTER					
Transporter 1			Transporter 2		
Name of Transporter Hanna Trucking			Name of Transporter		
Address 4672 West Vernal Pike, Bloomington, IN 47404			Address		
Driver Name			Driver Name		
Truck No. <u>72</u>	Telephone No. 812-339-3421		Truck No.	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature <u>[Signature]</u> Date <u>2-28-14</u>			I hereby certify that the above named material was transported from the above listed location. Signature _____ Date _____		
DISPOSAL SITE					
Site Name Medora Landfill			Telephone No. 812-966-2017		
Address 546 S. CR 870 West Medora, IN 47260					
Discrepancies:					
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
Print Name <u>[Signature]</u>			Signature <u>[Signature]</u>		Receipt Date <u>2/28/14</u>



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 077

UXO 7 (ORR)

GENERATOR					
Generator Name NSA Crane			Tel. No. 812-854-6160		
Address 300 Highway 361, Crane, IN 47522					
Generating Location 300 Highway 361, Crane, IN 47522					
Disposal Site Name Medora Landfill			Tel. No. 812-966-2017		
Disposal Site Address 546 S. CR 870 West Medora, IN 47260					
<i>For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)</i>					
Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
27 Contaminated Soil	14-0213-031	----	BULK	19.17 19.2	Tons
Special Handling and/or Additional Information					
GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.					
Print/Type Name <u>Thomas J. Brennan</u>			Signature <u>[Signature]</u>		Shipment Date <u>2/28/14</u>
TRANSPORTER					
Transporter 1			Transporter 2		
Name of Transporter Hanna Trucking			Name of Transporter		
Address 4672 West Vernal Pike, Bloomington, IN 47404			Address		
Driver Name <u>Keith Richardson</u>			Driver Name		
Truck No. <u>27</u>	Telephone No. 812-339-3421		Truck No.	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature <u>[Signature]</u> Date <u>2-28-14</u>			I hereby certify that the above named material was transported from the above listed location. Signature _____ Date _____		
DISPOSAL SITE					
Site Name Medora Landfill			Telephone No. 812-966-2017		
Address 546 S. CR 870 West Medora, IN 47260					
Discrepancies:					
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
Print Name <u>[Signature]</u>		Signature <u>[Signature]</u>		Receipt Date <u>2/28/14</u>	



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 078

UXO 7 (ORR)

GENERATOR					
Generator Name NSA Crane			Tel. No. 812-854-6160		
Address 300 Highway 361, Crane, IN 47522					
Generating Location 300 Highway 361, Crane, IN 47522					
Disposal Site Name Medora Landfill			Tel. No. 812-966-2017		
Disposal Site Address 546 S. CR 870 West Medora, IN 47260					
For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)					
Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
34 Contaminated Soil	14-0213-031	----	BULK	20.6 20.11	Tons
Special Handling and/or Additional Information					
GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.					
Print/Type Name <u>Thomas J. Brown</u>			Signature <u>[Signature]</u>		Shipment Date <u>2-28-14</u>
TRANSPORTER					
Transporter 1			Transporter 2		
Name of Transporter Hanna Trucking			Name of Transporter		
Address 4672 West Vernal Pike, Bloomington, IN 47404			Address		
Driver Name <u>Mike Golen</u>			Driver Name		
Truck No. <u>34</u>	Telephone No. 812-339-3421		Truck No.	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature <u>[Signature]</u> Date <u>2-28-14</u>			I hereby certify that the above named material was transported from the above listed location. Signature _____ Date _____		
DISPOSAL SITE					
Site Name Medora Landfill			Telephone No. 812-966-2017		
Address 546 S. CR 870 West Medora, IN 47260					
Discrepancies:					
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
Print Name <u>[Signature]</u>		Signature <u>[Signature]</u>		Receipt Date <u>2/28/14</u>	



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 079

UXO 7 (ORR)

GENERATOR					
Generator Name NSA Crane			Tel. No. 812-854-6160		
Address 300 Highway 361, Crane, IN 47522					
Generating Location 300 Highway 361, Crane, IN 47522					
Disposal Site Name Medora Landfill			Tel. No. 812-966-2017		
Disposal Site Address 546 S. CR 870 West Medora, IN 47260					
<i>For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)</i>					
Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
41 Contaminated Soil	14-0213-031	-----	BULK	20.13 20.11	Tons
Special Handling and/or Additional Information					
GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.					
Print/Type Name <u>Thomas J. Brewer</u>			Signature <u>[Signature]</u>		Shipment Date <u>2/28/14</u>
TRANSPORTER					
Transporter 1			Transporter 2		
Name of Transporter Hanna Trucking			Name of Transporter		
Address 4672 West Vernal Pike, Bloomington, IN 47404			Address		
Driver Name <u>[Signature]</u>			Driver Name		
Truck No. 41	Telephone No. 812-339-3421		Truck No.	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature <u>[Signature]</u> Date <u>2-28-2014</u>			I hereby certify that the above named material was transported from the above listed location. Signature _____ Date _____		
DISPOSAL SITE					
Site Name Medora Landfill			Telephone No. 812-966-2017		
Address 546 S. CR 870 West Medora, IN 47260					
Discrepancies:					
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
Print Name <u>[Signature]</u>		Signature <u>[Signature]</u>		Receipt Date <u>2/28/14</u>	



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 080

UXO 7 (ORR)

GENERATOR					
Generator Name	NSA Crane			Tel. No. 812-854-6160	
Address	300 Highway 361, Crane, IN 47522				
Generating Location	300 Highway 361, Crane, IN 47522				
Disposal Site Name	Medora Landfill			Tel. No. 812-966-2017	
Disposal Site Address	546 S. CR 870 West Medora, IN 47260				
<i>For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)</i>					
Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
85 Contaminated Soil	14-0213-031	----	BULK	22-83 23.22	Tons
Special Handling and/or Additional Information					
GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.					
Print/Type Name			Signature		Shipment Date
Thomas J. Breier			Thomas J. Breier		2/28/14
TRANSPORTER					
Transporter 1			Transporter 2		
Name of Transporter			Name of Transporter		
Hanna Trucking					
Address			Address		
4672 West Vernal Pike, Bloomington, IN 47404					
Driver Name			Driver Name		
Keith Powers					
Truck No.	Telephone No.		Truck No.	Telephone No.	
85	812-339-3421				
I hereby certify that the above named material was transported from the above listed location.			I hereby certify that the above named material was transported from the above listed location.		
Signature		Date	Signature		Date
Keith Powers		2-28-14			
DISPOSAL SITE					
Site Name	Medora Landfill				
Address	546 S. CR 870 West Medora, IN 47260			Telephone No. 812-966-2017	
Discrepancies:					
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
Print Name		Signature		Receipt Date	
J. Heister		[Signature]		2/28/14	



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 081

UXO 7 (ORR)

GENERATOR					
Generator Name	NSA Crane			Tel. No. 812-854-6160	
Address	300 Highway 361, Crane, IN 47522				
Generating Location	300 Highway 361, Crane, IN 47522				
Disposal Site Name	Medora Landfill			Tel. No. 812-966-2017	
Disposal Site Address	546 S. CR 870 West Medora, IN 47260				
For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)					
Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
18 Contaminated Soil	14-0213-031	----	BULK	22.17 22.33	Tons
Special Handling and/or Additional Information					
GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.					
Print/Type Name		Signature		Shipment Date	
<i>Thomas J. Brown</i>		<i>Henry L. Burt</i>		2/28/14	
TRANSPORTER					
Transporter 1			Transporter 2		
Name of Transporter			Name of Transporter		
Hanna Trucking					
Address			Address		
4672 West Vernal Pike, Bloomington, IN 47404					
Driver Name			Driver Name		
<i>Tony Carter</i>					
Truck No.	Telephone No.	Truck No.	Telephone No.		
18	812-339-3421				
I hereby certify that the above named material was transported from the above listed location.			I hereby certify that the above named material was transported from the above listed location.		
Signature		Date	Signature		Date
<i>[Signature]</i>		2-28-14			
DISPOSAL SITE					
Site Name	Medora Landfill				
Address	546 S. CR 870 West Medora, IN 47260			Telephone No. 812-966-2017	
Discrepancies:					
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
Print Name		Signature		Receipt Date	
<i>Steffen</i>		<i>[Signature]</i>		2/28/14	



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 682

UXO 7 (ORR)

GENERATOR					
Generator Name NSA Crane			Tel. No. 812-854-6160		
Address 300 Highway 361, Crane, IN 47522					
Generating Location 300 Highway 361, Crane, IN 47522					
Disposal Site Name Medora Landfill			Tel. No. 812-966-2017		
Disposal Site Address 546 S. CR 870 West Medora, IN 47260					
<i>For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)</i>					
Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
<u>82</u> Contaminated Soil	14-0213-031	-----	BULK	<u>19.14</u> <del>19.19</del>	Tons
Special Handling and/or Additional Information					
GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.					
Print/Type Name <u>Thomas J. Brewer</u>		Signature <u>[Signature]</u>		Shipment Date <u>2/28/14</u>	
TRANSPORTER					
Transporter 1			Transporter 2		
Name of Transporter Hanna Trucking			Name of Transporter		
Address 4672 West Vernal Pike, Bloomington, IN 47404			Address		
Driver Name <u>TROY HIGGS</u>			Driver Name		
Truck No. <u>82</u>		Telephone No. 812-339-3421	Truck No.	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature <u>[Signature]</u> Date <u>2-28-14</u>			I hereby certify that the above named material was transported from the above listed location. Signature _____ Date _____		
DISPOSAL SITE					
Site Name Medora Landfill			Telephone No. 812-966-2017		
Address 546 S. CR 870 West Medora, IN 47260					
Discrepancies:					
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
Print Name <u>[Signature]</u>		Signature <u>[Signature]</u>		Receipt Date <u>2/28/14</u>	



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 083

UXO 7 (ORR)

GENERATOR					
Generator Name NSA Crane			Tel. No. 812-854-6160		
Address 300 Highway 361, Crane, IN 47522					
Generating Location 300 Highway 361, Crane, IN 47522					
Disposal Site Name Medora Landfill			Tel. No. 812-966-2017		
Disposal Site Address 546 S. CR 870 West Medora, IN 47260					
For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)					
Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
35 Contaminated Soil	14-0213-031	---	BULK	21.7 2160	Tons
Special Handling and/or Additional Information					
GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.					
Print/Type Name <u>Thomas J. Brevin</u>			Signature <u>[Signature]</u>		Shipment Date <u>2/28/14</u>
TRANSPORTER					
Transporter 1			Transporter 2		
Name of Transporter <u>Hanna Trucking</u>			Name of Transporter		
Address <u>4672 West Vernal Pike, Bloomington, IN 47404</u>			Address		
Driver Name <u>Brad West</u>			Driver Name		
Truck No. <u>35</u>	Telephone No. <u>812-339-3421</u>		Truck No.	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature <u>Brad West</u> Date <u>2-28-14</u>			I hereby certify that the above named material was transported from the above listed location. Signature _____ Date _____		
DISPOSAL SITE					
Site Name Medora Landfill			Telephone No. 812-966-2017		
Address 546 S. CR 870 West Medora, IN 47260					
Discrepancies:					
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
Print Name <u>[Signature]</u>			Signature <u>[Signature]</u>		Receipt Date <u>2/28/14</u>



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 084

UXO 7 (ORR)

GENERATOR					
Generator Name	NSA Crane			Tel. No. 812-854-6160	
Address	300 Highway 361, Crane, IN 47522				
Generating Location	300 Highway 361, Crane, IN 47522				
Disposal Site Name	Medora Landfill			Tel. No. 812-966-2017	
Disposal Site Address	546 S. CR 870 West Medora, IN 47260				
For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)					
Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
<u>80</u> Contaminated Soil	14-0213-031	----	BULK	<u>20.23</u> <del>20.34</del>	Tons
Special Handling and/or Additional Information					
GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.					
Print/Type Name		Signature		Shipment Date	
<u>Thomas J. Brown</u>		<u>Henry P. Bunk</u>		<u>2/28/14</u>	
TRANSPORTER					
Transporter 1			Transporter 2		
Name of Transporter			Name of Transporter		
Hanna Trucking					
Address			Address		
4672 West Vernal Pike, Bloomington, IN 47404					
Driver Name			Driver Name		
<u>Paul Boltzsch</u>					
Truck No.		Telephone No.		Truck No.	
<u>80</u>		812-339-3421			
I hereby certify that the above named material was transported from the above listed location.			I hereby certify that the above named material was transported from the above listed location.		
Signature		Date		Signature	
<u>P. Bunk</u>		<u>2-28-14</u>			
DISPOSAL SITE					
Site Name	Medora Landfill			Telephone No. 812-966-2017	
Address	546 S. CR 870 West Medora, IN 47260				
Discrepancies:					
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
Print Name		Signature		Receipt Date	
<u>Stoffer</u>		<u>[Signature]</u>		<u>2/28/14</u>	

65840

Manifest #: 085



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

UXO 7 (ORR)

GENERATOR			
Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
56 Contaminated Soil	14-0213-031	----	BULK	18.62	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent  
 Signature: *Thomas J. Brent*  
 Shipment Date: 3/4/14

### TRANSPORTER

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<i>Bruce Robertson</i>	Driver Name	
Truck No.	56	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature: <i>Bruce Robertson</i> Date: 3-4-2014	I hereby certify that the above named material was transported from the above listed location. Signature: _____ Date: _____		

### DISPOSAL SITE

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: L. Curry  
 Signature: *L. Curry*  
 Receipt Date: 3-4-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 086

UXO 7 (ORR)

### GENERATOR

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
49 Contaminated Soil	14-0213-031	----	BULK	18.49	Tons
					18.93

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: Thomas J. Brent Shipment Date: 3/4/14

### TRANSPORTER

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>Jimmys Waldrip</u>	Driver Name	
Truck No.	<u>49</u>	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature: <u>Jimmys Waldrip</u> Date: <u>3.4.14</u>	I hereby certify that the above named material was transported from the above listed location.	Signature: _____ Date: _____

### DISPOSAL SITE

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: L. Curry Signature: [Signature] Receipt Date: 3-4-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

66560  
27520

Manifest #: 087

UXO 7 (ORR)

### GENERATOR

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
51 Contaminated Soil	14-0213-031	-----	BULK	19.33	Tons
					19.52

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brust      Signature: Thomas J. Brust      Shipment Date: 3/4/14

### TRANSPORTER

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Gary Clark	Driver Name	
Truck No.	51	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature: <u>Gary Clark</u> Date: <u>Mar. 4, 14</u>	I hereby certify that the above named material was transported from the above listed location.	Signature: _____      Date: _____

### DISPOSAL SITE

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: J. Ketter      Signature: [Signature]      Receipt Date: 3/4/14

63520



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 088

UXO 7 (ORR)

### GENERATOR

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
24 Contaminated Soil	14-0213-031	----	BULK	18.38	Tons
					18.4

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brust	<i>Thomas J. Brust</i>	3/4/14

### TRANSPORTER

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Clarence Hamm	Driver Name	
Truck No.	24	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	I hereby certify that the above named material was transported from the above listed location.		
Signature	<i>C. Hamm</i>	Signature	
Date	3-4-14	Date	

### DISPOSAL SITE

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
L. Curry	<i>L. Curry</i>	3-4-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 089

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
27 Contaminated Soil	14-0213-031	-----	BULK	<del>1922</del> 1896	Tons
				18-96	

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brust Signature: [Signature] Shipment Date: 3/4/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Robert L. Yalder	Driver Name	
Truck No.	27	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature: <u>[Signature]</u> Date: <u>3-4-14</u>	I hereby certify that the above named material was transported from the above listed location.	Signature: _____ Date: _____

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature] Signature: [Signature] Receipt Date: 3/4/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

65500

Manifest #: 090

UXO 7 (ORR)

### GENERATOR

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
26 Contaminated Soil	14-0213-031	----	BULK	18.18	Tons
					18.04

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brust      Signature: [Signature]      Shipment Date: 3/4/14

### TRANSPORTER

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Chris Hen	Driver Name	
Truck No.	26	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature: <u>[Signature]</u> Date: <u>3-4-14</u>		I hereby certify that the above named material was transported from the above listed location. Signature: _____      Date: _____	

### DISPOSAL SITE

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: L. Curry      Signature: [Signature]      Receipt Date: 3-4-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 091

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
54 Contaminated Soil	14-0213-031	----	BULK	19.41	Tons
					19.39

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brust Signature: Thomas J. Brust Shipment Date: 3/4/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>ROBERT M Summitt</u>	Driver Name	
Truck No.	<u>54</u>	Truck No.	
Telephone No.	812-332-0403	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature: Robert M Summitt Date: 3/4/14

I hereby certify that the above named material was transported from the above listed location.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: X L. Curry Signature: L. Curry Receipt Date: 3-4-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 092

UXO 7 (ORR)

### GENERATOR

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
138 Contaminated Soil	14-0213-031	-----	BULK	21.90	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brust		3/4/14

### TRANSPORTER

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Doug Hanna	Driver Name	
Truck No.	138	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature	I hereby certify that the above named material was transported from the above listed location.	Date
	Doug Hanna		3-4-14

### DISPOSAL SITE

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
		3/4/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 093

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
53 Contaminated Soil	14-0213-031	----	BULK	22.42	Tons
					22.77

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brust		3/4/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	CARL DAVIS	Driver Name	
Truck No.	53	Truck No.	
Telephone No.	812-332-0403	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature	Date
	3/4/14

I hereby certify that the above named material was transported from the above listed location.

Signature	Date

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
L. Curry		3-4-14

64462

Manifest #: 094



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

UXO 7 (ORR)

### GENERATOR

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
52 Contaminated Soil	14-0213-031	----	BULK	20.95	Tons
					20.57

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brust	<i>Thomas J. Brust</i>	3/4/14

### TRANSPORTER

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	CURTIS L. DECKARD	Driver Name	
Truck No.	52	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature <i>Curtis L. Deckard</i>	I hereby certify that the above named material was transported from the above listed location.	Signature
	Date 3/4/14		Date

### DISPOSAL SITE

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
L. Curry	<i>L. Curry</i>	3-4-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 095

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
51 Contaminated Soil	14-0213-031	----	BULK	21.29 <del>21.61</del>	Tons

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brew Signature: [Signature] Shipment Date: 3/4/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>Gar P/ork</u>	Driver Name	
Truck No.	<u>51</u>	Truck No.	
Telephone No.	812-332-0403	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature: [Signature] Date: 3-4-14

I hereby certify that the above named material was transported from the above listed location.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature] Signature: [Signature] Receipt Date: 3/4/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 096

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
24 Contaminated Soil	14-0213-031	----	BULK	18.75	Tons
					18.5

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brust Signature: Thomas J. Brust Shipment Date: 3/4/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Clarence Hamm	Driver Name	
Truck No.	24	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature: <u>Clarence Hamm</u> Date: <u>3-4-14</u>	I hereby certify that the above named material was transported from the above listed location.	Signature: _____ Date: _____

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: L. Curry Signature: [Signature] Receipt Date: 3-4-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 097

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
56 Contaminated Soil	14-0213-031	----	BULK	21.90 <del>21.48</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brant		3/4/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name		Driver Name	
Truck No.	56	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature  Date 3-4-2014	I hereby certify that the above named material was transported from the above listed location.	Signature _____ Date _____

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
		3/4/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 098

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
49 Contaminated Soil	14-0213-031	----	BULK	19.39	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brust Signature: [Signature] Shipment Date: 3/4/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>Jimmy Waldrip</u>	Driver Name	
Truck No.	<u>49</u>	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature: <u>[Signature]</u> Date: <u>3-4-14</u>	I hereby certify that the above named material was transported from the above listed location.	Signature: _____ Date: _____

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Per [Signature] Signature: [Signature] Receipt Date: 3/4/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 099

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
138 Contaminated Soil	14-0213-031	----	BULK	22.02 21.80	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name \_\_\_\_\_ Signature \_\_\_\_\_ Shipment Date \_\_\_\_\_

Thomas J. Brent

Thomas J. Brent

3/4/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Doug Hanna	Driver Name	
Truck No.	138	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.		I hereby certify that the above named material was transported from the above listed location.	
Signature	Doug Hanna	Signature	
Date	3-4-14	Date	

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name

J. Ketter

Signature

[Signature]

Receipt Date

3/4/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 100

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
27 Contaminated Soil	14-0213-031	-----	BULK	16.87 15.65	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brant Signature: Thomas J. Brant Shipment Date: 3/4/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>Robert L. Yalow</u>	Driver Name	
Truck No.	<u>27</u>	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature: <u>R. Yalow</u> Date: <u>3-4-14</u>	I hereby certify that the above named material was transported from the above listed location.	Signature: _____ Date: _____

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: J. Hettler Signature: [Signature] Receipt Date: 3/4/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 101

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

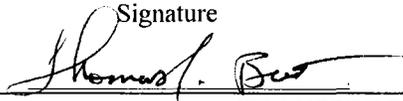
Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
				19.50	
54 Contaminated Soil	14-0213-031	----	BULK	19.57	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

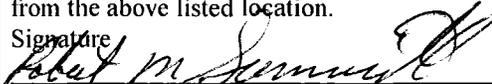
Print/Type Name \_\_\_\_\_ Signature \_\_\_\_\_ Shipment Date \_\_\_\_\_

Thomas J. Brent



3/4/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	ROBERT M SUMMITH	Driver Name	
Truck No.	54	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.		I hereby certify that the above named material was transported from the above listed location.	
Signature		Signature	
Date	3/4/14	Date	

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

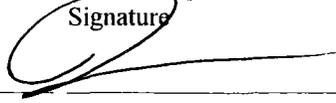
Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name

Signature

Receipt Date

3/4/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 102

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
				15.95	
26 Contaminated Soil	14-0213-031	----	BULK	<del>15.84</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brust Signature: [Signature] Shipment Date: 3/4/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name		Driver Name	
Truck No.	26	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature: <u>[Signature]</u> Date: <u>3-4-14</u>	I hereby certify that the above named material was transported from the above listed location.	Signature: _____ Date: _____

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature] Signature: [Signature] Receipt Date: 3/4/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 103

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
53 Contaminated Soil	14-0213-031	----	BULK	21.65 21.53	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brass Signature: [Signature] Shipment Date: 3/4/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>CARL DAVIS</u>	Driver Name	
Truck No.	<u>53</u>	Truck No.	Telephone No.
	Telephone No. 812-332-0403		
I hereby certify that the above named material was transported from the above listed location.	Signature: <u>[Signature]</u> Date: <u>3/4/14</u>	I hereby certify that the above named material was transported from the above listed location.	Signature: _____ Date: _____

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: J. Reiff Signature: [Signature] Receipt Date: 3/4/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 104

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
52 Contaminated Soil	14-0213-031	-----	BULK	21.91	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brust Signature: Thomas J. Brust Shipment Date: 3/4/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>CURTIS L. DEWARD</u>	Driver Name	
Truck No.	52	Truck No.	
Telephone No.	812-332-0403	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature: [Signature] Date: 3/4/14

I hereby certify that the above named material was transported from the above listed location.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature] Signature: [Signature] Receipt Date: 3/4/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 105

UXO 7 (ORR)

### GENERATOR

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
24 Contaminated Soil	14-0213-031	----	BULK	18.59	Tons
					(17.75)

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brew      Signature: [Signature]      Shipment Date: 3/5/14

### TRANSPORTER

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>Cherence Hamm</u>	Driver Name	
Truck No.	<u>24</u>	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature: <u>[Signature]</u> Date: <u>3-5-13</u>	I hereby certify that the above named material was transported from the above listed location.	Signature: _____      Date: _____

### DISPOSAL SITE

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: L. Curry      Signature: [Signature]      Receipt Date: 3-5-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 106

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
51 Contaminated Soil	14-0213-031	----	BULK	18.62	Tons
					18.52

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brew	<i>Thomas J. Brew</i>	3/5/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	GARY CLARK	Driver Name	
Truck No.	51	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature	I hereby certify that the above named material was transported from the above listed location.	Signature
	<i>Gar P...</i>		
	Date		Date
	3-5-14		

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
L. Curry	<i>L. Curry</i>	3-5-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 107

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
				19.85	
56 Contaminated Soil	14-0213-031	----	BULK	19.77	Tons

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name \_\_\_\_\_ Signature \_\_\_\_\_ Shipment Date \_\_\_\_\_

Thomas J. Brent Thomas J. Brent 3/5/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>Brian Robertson</u>	Driver Name	
Truck No.	56	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature <u>Brian Robertson</u> Date <u>3-5-14</u>	I hereby certify that the above named material was transported from the above listed location.	Signature _____ Date _____

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name \_\_\_\_\_ Signature \_\_\_\_\_ Receipt Date \_\_\_\_\_

J. Hetter [Signature] 3/5/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 108

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
138 Contaminated Soil	14-0213-031	----	BULK	22.11	Tons
					22.24

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name \_\_\_\_\_ Signature \_\_\_\_\_ Shipment Date 3/5/14

Thomas J. Brent Thomas J. Brent

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>DOUG HANNA</u>	Driver Name	
Truck No.	<u>138</u>	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.		I hereby certify that the above named material was transported from the above listed location.	
Signature	<u>Doug Hanna</u>	Signature	
Date	<u>3-5-14</u>	Date	

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name L. Curry Signature \_\_\_\_\_ Receipt Date 3-5-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 109

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
11 Contaminated Soil	14-0213-031	----	BULK	13.61 <del>13.43</del>	Tons

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brent		3/5/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Jimmy Wadrip	Driver Name	
Truck No.	11	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature  Date 3-5-14	I hereby certify that the above named material was transported from the above listed location.	Signature _____ Date _____

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
		3/5/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 110

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
27 Contaminated Soil	14-0213-031	----	BULK	16.28 <del>16.09</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: Thomas J. Brent Shipment Date: 3/5/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Robert YAUER	Driver Name	
Truck No.	27	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature: <u>Robert Yauer</u> Date: <u>3-5-14</u>	I hereby certify that the above named material was transported from the above listed location. Signature: _____ Date: _____		

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: Steffen Signature: \_\_\_\_\_ Receipt Date: 3/5/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 111

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
54 Contaminated Soil	14-0213-031	----	BULK	14-38 14.26	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: Thomas J. Brent Shipment Date: 3/5/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>ROBERT M SUMMERT</u>	Driver Name	
Truck No.	<u>54</u>	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature: <u>Robert M Summert</u> Date: <u>3/5/14</u>	I hereby certify that the above named material was transported from the above listed location. Signature: _____ Date: _____		

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: Sheffer Signature: [Signature] Receipt Date: 3/5/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 112

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
<b>53</b> Contaminated Soil	14-0213-031	----	BULK	16.63 16.42	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent      Signature: Thomas J. Brent      Shipment Date: 3/5/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>CARL DAVIS</u>	Driver Name	
Truck No.	<u>53</u>	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature: <u>Carl Davis</u> Date: <u>3/5/14</u>		I hereby certify that the above named material was transported from the above listed location. Signature:      Date:	

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: Heffer      Signature: [Signature]      Receipt Date: 3/5/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 113

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
45 Contaminated Soil	14-0213-031	----	BULK	13.56 <del>13.47</del>	Tons

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent      Signature: Thomas J. Brent      Shipment Date: 3/5/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>Robert N. Farlow</u>	Driver Name	
Truck No.	45	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature: <u>Robert N. Farlow</u> Date: <u>3-5-14</u>	I hereby certify that the above named material was transported from the above listed location.	Signature: _____      Date: _____

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: Reutter      Signature: [Signature]      Receipt Date: 3/5/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 114

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
				12.29	
26 Contaminated Soil	14-0213-031	----	BULK	12.47	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brew      Signature: Thomas J. Brew      Shipment Date: 3/5/14

### TRANSPORTER

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Chris Head	Driver Name	
Truck No.	26	Truck No.	
Telephone No.	812-332-0403	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature: [Signature]      Date: 3-5-14

I hereby certify that the above named material was transported from the above listed location.

Signature: \_\_\_\_\_      Date: \_\_\_\_\_

### DISPOSAL SITE

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: Decker      Signature: [Signature]      Receipt Date: 3/5/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 115

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
24 Contaminated Soil	14-0213-031	----	BULK	18.85 <del>19.79</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: Thomas J. Brent Shipment Date: 3/5/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Clarence Hamm	Driver Name	
Truck No.	24	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature: <u>C. Aol</u> Date: <u>3-5-14</u>	I hereby certify that the above named material was transported from the above listed location.	Signature: _____ Date: _____

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: J. Pfeiffer Signature: \_\_\_\_\_ Receipt Date: 3/5/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 116

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
51 Contaminated Soil	14-0213-031	----	BULK	21.23 <del>21.39</del>	Tons

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: [Signature] Shipment Date: 3/5/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>GARY CLARK</u>	Driver Name	
Truck No.	<u>51</u>	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature: <u>[Signature]</u> Date: <u>3-5-14</u>		I hereby certify that the above named material was transported from the above listed location. Signature: _____ Date: _____	

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: J. Hecker Signature: [Signature] Receipt Date: 3/5/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 117

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
<b>138</b> Contaminated Soil	<b>14-0213-031</b>	----	<b>BULK</b>	<b>19.99</b> <del>19.96</del>	<b>Tons</b>

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
<i>Thomas J. Brent</i>	<i>Thomas J. Brent</i>	<u>3/5/14</u>

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<i>Doug Hanna</i>	Driver Name	
Truck No.	<b>138</b>	Truck No.	Telephone No.
	812-332-0403		
I hereby certify that the above named material was transported from the above listed location.	I hereby certify that the above named material was transported from the above listed location.		
Signature	Date	Signature	Date
<i>Doug Hanna</i>	<u>3-5-14</u>		

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
<i>J. Heffer</i>	<i>[Signature]</i>	<u>3/5/14</u>



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 118

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
56 Contaminated Soil	14-0213-031	----	BULK	16.35 <del>16.39</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name \_\_\_\_\_ Signature \_\_\_\_\_ Shipment Date \_\_\_\_\_

*Thomas J. Brent* *Thomas J. Brent* 3/5/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<i>Brad Robertson</i>	Driver Name	
Truck No.	56	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature <i>Brad Robertson</i> Date <u>3-5-14</u>	I hereby certify that the above named material was transported from the above listed location.	Signature _____ Date _____

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name *Steffen* Signature \_\_\_\_\_ Receipt Date 3/5/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 119

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
11 Contaminated Soil	14-0213-031	-----	BULK	16.80 <del>16.89</del>	Tons

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brew		3/5/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter		Name of Transporter	
Young Trucking			
Address		Address	
8262 E State Road 45, Unionville, IN 47468			
Driver Name		Driver Name	
Jimmy Waldrip			
Truck No.	Telephone No.	Truck No.	Telephone No.
11	812-332-0403		

I hereby certify that the above named material was transported from the above listed location.

Signature Date 3-5-14

I hereby certify that the above named material was transported from the above listed location.

Signature \_\_\_\_\_ Date \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
		3/5/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 120

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
27 Contaminated Soil	14-0213-031	----	BULK	1445 208 14.40	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: Thomas J. Brent Shipment Date: 3/5/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Robert Yader	Driver Name	
Truck No.	27	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature: <u>R. Yader</u> Date: <u>3-5-14</u>	I hereby certify that the above named material was transported from the above listed location.	Signature: _____ Date: _____

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature] Signature: [Signature] Receipt Date: 3/5/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 121

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
54 Contaminated Soil	14-0213-031	----	BULK	19.33 <del>19.44</del>	Tons

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brent		3/5/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	ROBERT M SUMMITT	Driver Name	
Truck No.	54	Truck No.	
Telephone No.	812-332-0403	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature	Date
	3/5/14

I hereby certify that the above named material was transported from the above listed location.

Signature	Date

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
Steffen		3/5/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 122

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
53 Contaminated Soil	14-0213-031	----	BULK	18.33 <del>19.21</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name \_\_\_\_\_ Signature \_\_\_\_\_ Shipment Date 3/5/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	CARL DAVIS	Driver Name	
Truck No.	53	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature _____ Date <u>3/5/14</u>		I hereby certify that the above named material was transported from the above listed location. Signature _____ Date _____	

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name \_\_\_\_\_ Signature \_\_\_\_\_ Receipt Date 3/5/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 123

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
<b>45</b> Contaminated Soil	14-0213-031	----	BULK	16.95 <del>16.97</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent      Signature: [Signature]      Shipment Date: 3/5/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter Young Trucking		Name of Transporter	
Address 8262 E State Road 45, Unionville, IN 47468		Address	
Driver Name <u>Robert N Galloway</u>		Driver Name	
Truck No. <u>45</u>	Telephone No. 812-332-0403	Truck No.	Telephone No.

I hereby certify that the above named material was transported from the above listed location.

Signature: [Signature]      Date: 3/5/14

I hereby certify that the above named material was transported from the above listed location.

Signature: \_\_\_\_\_      Date: \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature]      Signature: [Signature]      Receipt Date: 3/5/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 124

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
<u>26</u> Contaminated Soil	14-0213-031	----	BULK	<u>12.33</u>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
<u>Thomas J. Brent</u>	<u>Thomas J. Brent</u>	<u>3/5/14</u>

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>Chris Herz</u>	Driver Name	
Truck No.	<u>26</u>	Truck No.	
Telephone No.	812-332-0403	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature [Signature] Date 3-4-14

I hereby certify that the above named material was transported from the above listed location.

Signature \_\_\_\_\_ Date \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
<u>[Signature]</u>	<u>[Signature]</u>	<u>3/5/14</u>



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 125

UXO 7 (ORR)

GENERATOR					
Generator Name NSA Crane			Tel. No. 812-854-6160		
Address 300 Highway 361, Crane, IN 47522					
Generating Location 300 Highway 361, Crane, IN 47522					
Disposal Site Name Medora Landfill			Tel. No. 812-966-2017		
Disposal Site Address 546 S. CR 870 West Medora, IN 47260					
<i>For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)</i>					
Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
<u>18</u> Contaminated Soil	14-0213-031	----	BULK	<u>19.08</u> <u>19.13</u>	Tons
Special Handling and/or Additional Information					
GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.					
Print/Type Name <u>Thomas J. Brent</u>			Signature <u>[Signature]</u>		Shipment Date <u>3/12/14</u>
TRANSPORTER					
Transporter 1			Transporter 2		
Name of Transporter Young Trucking			Name of Transporter		
Address 8262 E State Road 45, Unionville, IN 47468			Address		
Driver Name <u>Doug Hanna</u>			Driver Name		
Truck No. <u>18</u>	Telephone No. 812-332-0403		Truck No.	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature <u>Doug Hanna</u> Date <u>3-12-14</u>			I hereby certify that the above named material was transported from the above listed location. Signature _____ Date _____		
DISPOSAL SITE					
Site Name Medora Landfill			Telephone No. 812-966-2017		
Address 546 S. CR 870 West Medora, IN 47260					
Discrepancies:					
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
Print Name <u>[Signature]</u>		Signature <u>[Signature]</u>		Receipt Date <u>3/12/14</u>	



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 126

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
				16.69	
<b>44</b> Contaminated Soil	14-0213-031	----	BULK	<del>16.69</del>	Tons

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
<u>Thomas J. Brens</u>	<u>Thomas J. Brens</u>	<u>3/12/14</u>

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>Gary Patrick</u>	Driver Name	
Truck No.	<u>44</u>	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature <u>Gary Patrick</u> Date <u>3-12-14</u>	I hereby certify that the above named material was transported from the above listed location.	Signature _____ Date _____

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
<u>J. Kuttler</u>	<u>[Signature]</u>	<u>3/12/14</u>



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 127

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
11 Contaminated Soil	14-0213-031	-----	BULK	19.49 <del>19.68</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brews      Signature: [Signature]      Shipment Date: 3/12/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>Chris Hew</u>	Driver Name	
Truck No.	<u>11</u>	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature: <u>[Signature]</u> Date: <u>3-12-14</u>	I hereby certify that the above named material was transported from the above listed location.	Signature: _____      Date: _____

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature]      Signature: [Signature]      Receipt Date: 3/12/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 128

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
				17.22	
19 Contaminated Soil	14-0213-031	----	BULK	16.81	Tons

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent      Signature: [Signature]      Shipment Date: 3/12/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter Young Trucking		Name of Transporter	
Address 8262 E State Road 45, Unionville, IN 47468		Address	
Driver Name <u>Robert Yaden</u>		Driver Name	
Truck No. <u>19</u>	Telephone No. 812-332-0403	Truck No.	Telephone No.
I hereby certify that the above named material was transported from the above listed location. Signature: <u>[Signature]</u> Date: <u>3-11-14</u>		I hereby certify that the above named material was transported from the above listed location. Signature: _____      Date: _____	

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature]      Signature: [Signature]      Receipt Date: 3/4/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 129

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
52 Contaminated Soil	14-0213-031	----	BULK	20.22 20.73	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: [Signature] Shipment Date: 3/12/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>Brad Robertson</u>	Driver Name	
Truck No.	52	Truck No.	
Telephone No.	812-332-0403	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature: [Signature] Date: 3-12-14

I hereby certify that the above named material was transported from the above listed location.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature] Signature: [Signature] Receipt Date: 3/12/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 130

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
49 Contaminated Soil	14-0213-031	----	BULK	17.50	Tons
					17.5

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brew Signature: Thomas J. Brew Shipment Date: 3/13/14

TRANSPORTER			
Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>Jimmy Waldrip</u>	Driver Name	
Truck No.	<u>49</u>	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.		I hereby certify that the above named material was transported from the above listed location.	
Signature	<u>Jimmy Waldrip</u>	Signature	
Date	<u>3-13-14</u>	Date	

DISPOSAL SITE	
Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: L. Curry Signature: [Signature] Receipt Date: 3-13-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 131

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
56 Contaminated Soil	14-0213-031	----	BULK	21.06	Tons
					(21.1)

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brew	<i>Thomas J. Brew</i>	3/13/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<i>Bruce Robertson</i>	Driver Name	
Truck No.	56	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	I hereby certify that the above named material was transported from the above listed location.		
Signature	<i>Bruce Robertson</i>	Signature	
Date	3-13-14	Date	

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
L. Curie	<i>[Signature]</i>	3-13-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 132

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
42 Contaminated Soil	14-0213-031	----	BULK	15.73	Tons
					15.84

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brent	<i>Thomas J. Brent</i>	3/13/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Max Skinner	Driver Name	
Truck No. 42	Telephone No. 812-332-0403	Truck No.	Telephone No.

I hereby certify that the above named material was transported from the above listed location.

Signature	Date
<i>[Signature]</i>	3-13-14

I hereby certify that the above named material was transported from the above listed location.

Signature	Date

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
L. Curry	<i>[Signature]</i>	3-13-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 133

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
17 Contaminated Soil	14-0213-031	----	BULK	14.81	Tons

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brew		3/13/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Clarence Hamm	Driver Name	
Truck No.	17	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature  Date 3-13-14	I hereby certify that the above named material was transported from the above listed location.	Signature _____ Date _____

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
		3/13/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 134

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
50 Contaminated Soil	14-0213-031	----	BULK	17.44 17.04	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name \_\_\_\_\_ Signature \_\_\_\_\_ Shipment Date 3/13/14

Thomas J. Brew Thomas J. Brew

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>Jim Gillaspay</u>	Driver Name	
Truck No.	<u>50</u>	Truck No.	
Telephone No.	812-332-0403	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature Jim Gillaspay Date 3-13-14

I hereby certify that the above named material was transported from the above listed location.

Signature \_\_\_\_\_ Date \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name \_\_\_\_\_ Signature \_\_\_\_\_ Receipt Date 3/13/14

J. Hutto \_\_\_\_\_ 3/13/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 135

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
19 Contaminated Soil	14-0213-031	-----	BULK	18.39 <del>18.19</del>	Tons

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brewer		3/13/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Sebat Yadav	Driver Name	
Truck No.	19	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature	Date 3-13-14	I hereby certify that the above named material was transported from the above listed location. Signature	Date

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
		3/13/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 136

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
49 Contaminated Soil	14-0213-031	----	BULK	18.05 18.03	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brew Signature: Thomas J. Brew Shipment Date: 3/13/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>Jimmy Waldrip</u>	Driver Name	
Truck No.	<u>49</u>	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature: <u>Jimmy Waldrip</u> Date: <u>3-13-14</u>	I hereby certify that the above named material was transported from the above listed location.	Signature: _____ Date: _____

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: J. Pfeiffer Signature: [Signature] Receipt Date: 3/13/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 137

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
<u>42</u> Contaminated Soil	14-0213-031	----	BULK	<del>20.32</del> <u>20.34</u>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
<u>Thomas J. Brew</u>	<u>Thomas J. Brew</u>	<u>3/13/14</u>

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>MAX SKINNER</u>	Driver Name	
Truck No.	<u>42</u>	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Date	I hereby certify that the above named material was transported from the above listed location.	Date
Signature	<u>3-13-14</u>	Signature	

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
<u>J. Pfeffer</u>	<u>[Signature]</u>	<u>3/13/14</u>



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 138

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
56 Contaminated Soil	14-0213-031	----	BULK	22.67 22.76	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name

Signature

Shipment Date

Thomas J. Brew

Thomas J. Brew

3/13/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Brad Roberts	Driver Name	
Truck No.	56	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.		I hereby certify that the above named material was transported from the above listed location.	
Signature	Brad Roberts	Signature	
Date	3-13-14	Date	

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name

Signature

Receipt Date

J. Heffer

[Signature]

3/13/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 139

UXO 7 (ORR)

GENERATOR					
Generator Name NSA Crane			Tel. No. 812-854-6160		
Address 300 Highway 361, Crane, IN 47522					
Generating Location 300 Highway 361, Crane, IN 47522					
Disposal Site Name Medora Landfill			Tel. No. 812-966-2017		
Disposal Site Address 546 S. CR 870 West Medora, IN 47260					
<i>For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)</i>					
Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
18 Contaminated Soil	14-0213-031	----	BULK	19.07 <del>19.08</del>	Tons
Special Handling and/or Additional Information					
GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.					
Print/Type Name <i>Thomas J. Brew</i>			Signature <i>Thomas J. Brew</i>		Shipment Date <i>03/14/14</i>
TRANSPORTER					
Transporter 1			Transporter 2		
Name of Transporter Young Trucking			Name of Transporter		
Address 8262 E State Road 45, Unionville, IN 47468			Address		
Driver Name <i>DOUG HANNA</i>			Driver Name		
Truck No. <i>18</i>		Telephone No. 812-332-0403	Truck No.	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature <i>Doug Hanna</i> Date <i>3-14-14</i>			I hereby certify that the above named material was transported from the above listed location. Signature _____ Date _____		
DISPOSAL SITE					
Site Name Medora Landfill			Telephone No. 812-966-2017		
Address 546 S. CR 870 West Medora, IN 47260					
Discrepancies:					
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
Print Name <i>J. Hester</i>			Signature <i>[Signature]</i>		Receipt Date <i>3/14/14</i>



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 140

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
42 Contaminated Soil	14-0213-031	----	BULK	15-83 15.90	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brew	<i>Thomas J. Brew</i>	03/14/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<i>Max Skinner</i>	Driver Name	
Truck No.	42	Truck No.	
Telephone No.	812-332-0403	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature: *[Signature]* Date: 3-14-14

I hereby certify that the above named material was transported from the above listed location.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
<i>[Signature]</i>	<i>[Signature]</i>	3/14/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 141

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
54 Contaminated Soil	14-0213-031	----	BULK	20.39 20.63	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name \_\_\_\_\_ Signature \_\_\_\_\_ Shipment Date \_\_\_\_\_

Thomas J. Brew *Thomas J. Brew* 03/14/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter Young Trucking		Name of Transporter	
Address 8262 E State Road 45, Unionville, IN 47468		Address	
Driver Name <i>Robert M. Summitt</i>		Driver Name	
Truck No. 54	Telephone No. 812-332-0403	Truck No.	Telephone No.
I hereby certify that the above named material was transported from the above listed location. Signature <i>Robert M. Summitt</i> Date 3/14/2014		I hereby certify that the above named material was transported from the above listed location. Signature _____ Date _____	

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name *J. Kettle* Signature *J. Kettle* Receipt Date 3/14/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 142

UXO 7 (ORR)

GENERATOR			
Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
50 Contaminated Soil	14-0213-031	----	BULK	16.62 <del>16.49</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brew      Signature: [Signature]      Shipment Date: 03/14/14

TRANSPORTER			
Transporter 1		Transporter 2	
Name of Transporter		Name of Transporter	
Young Trucking			
Address		Address	
8262 E State Road 45, Unionville, IN 47468			
Driver Name		Driver Name	
Jim Gillaspay			
Truck No.	Telephone No.	Truck No.	Telephone No.
50	812-332-0403		
I hereby certify that the above named material was transported from the above listed location.		I hereby certify that the above named material was transported from the above listed location.	
Signature	Date	Signature	Date
[Signature]	3-14-14		

DISPOSAL SITE	
Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature]      Signature: [Signature]      Receipt Date: 3/14/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 143

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
52 Contaminated Soil	14-0213-031	-----	BULK	19.30 17.90	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name \_\_\_\_\_ Signature \_\_\_\_\_ Shipment Date \_\_\_\_\_

Thomas J. Brew *Thomas J. Brew* 03/14/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	CURTIS L. DECLAWD	Driver Name	
Truck No.	52	Truck No.	
Telephone No.	812-332-0403	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature *Curtis L. Declawd* Date 3/14/14

I hereby certify that the above named material was transported from the above listed location.

Signature \_\_\_\_\_ Date \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name *J. Hoff* Signature \_\_\_\_\_ Receipt Date 3/14/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 144

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
45 Contaminated Soil	14-0213-031	----	BULK	19.38 19.54	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brew	<i>Thomas J. Brew</i>	03/14/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<i>Chris Ferrell</i>	Driver Name	
Truck No.	45	Truck No.	Telephone No.
	812-332-0403		
I hereby certify that the above named material was transported from the above listed location.	Signature	I hereby certify that the above named material was transported from the above listed location.	Signature
	<i>Thomas J. Brew</i>		
	Date		Date

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
<i>J. Brew</i>	<i>[Signature]</i>	3/14/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 145

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
55 Contaminated Soil	14-0213-031	----	BULK	14.53	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brew	<i>Thomas J. Brew</i>	03/14/14

### TRANSPORTER

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Adam Harris	Driver Name	
Truck No.	55	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature <i>Adam Harris</i>	Date	3/14/14
I hereby certify that the above named material was transported from the above listed location.	Signature	Date	

### DISPOSAL SITE

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
<i>J. Pette</i>	<i>[Signature]</i>	3/14/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 146

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Address	
300 Highway 361, Crane, IN 47522	
Generating Location	
300 Highway 361, Crane, IN 47522	
Disposal Site Name	Medora Landfill
Disposal Site Address	
546 S. CR 870 West Medora, IN 47260	

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
				16.39	
49 Contaminated Soil	14-0213-031	----	BULK	16.39	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name

Signature

Shipment Date

Thomas J. BrewThomas J. Brew03/14/14

### TRANSPORTER

Transporter 1		Transporter 2	
Name of Transporter		Name of Transporter	
Young Trucking			
Address		Address	
8262 E State Road 45, Unionville, IN 47468			
Driver Name		Driver Name	
<u>Jimmy Waldrip</u>			
Truck No.	Telephone No.	Truck No.	Telephone No.
49	812-332-0403		
I hereby certify that the above named material was transported from the above listed location.		I hereby certify that the above named material was transported from the above listed location.	
Signature	Date	Signature	Date
<u>Jimmy Waldrip</u>	<u>3-14-14</u>		

### DISPOSAL SITE

Site Name	Medora Landfill
Address	
546 S. CR 870 West Medora, IN 47260	
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name

Signature

Receipt Date

Keith[Signature]3/14/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 147

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
<u>17</u> Contaminated Soil	14-0213-031	----	BULK	13.91 <del>13.68</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brew	<i>Thomas J. Brew</i>	03/14/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Clarence Hamm	Driver Name	
Truck No.	<u>17</u>	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature	I hereby certify that the above named material was transported from the above listed location.	Date
	<i>C. Hamm</i>		3-14-13

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
<i>J. Fedt</i>	<i>[Signature]</i>	3/14/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 148

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
11 Contaminated Soil	14-0213-031	----	BULK	15.44 <del>15.54</del>	Tons

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brew		03/14/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Chris Head	Driver Name	
Truck No.	11	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature	I hereby certify that the above named material was transported from the above listed location.	Signature
	Date 3-14-14		Date

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
		3/14/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 149

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Address	
300 Highway 361, Crane, IN 47522	
Generating Location	
300 Highway 361, Crane, IN 47522	
Disposal Site Name	Medora Landfill
Disposal Site Address	
546 S. CR 870 West Medora, IN 47260	

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
				14.17	
19 Contaminated Soil	14-0213-031	----	BULK	14.17	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name \_\_\_\_\_ Signature \_\_\_\_\_ Shipment Date \_\_\_\_\_

Thomas J. Brew *Thomas J. Brew* 03/14/14

### TRANSPORTER

Transporter 1		Transporter 2	
Name of Transporter		Name of Transporter	
Young Trucking			
Address		Address	
8262 E State Road 45, Unionville, IN 47468			
Driver Name		Driver Name	
Robert Yader			
Truck No.	Telephone No.	Truck No.	Telephone No.
19	812-332-0403		
I hereby certify that the above named material was transported from the above listed location.		I hereby certify that the above named material was transported from the above listed location.	
Signature	Date	Signature	Date
<i>R. Yader</i>	3-14-14		

### DISPOSAL SITE

Site Name	Medora Landfill
Address	
546 S. CR 870 West Medora, IN 47260	
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name \_\_\_\_\_ Signature \_\_\_\_\_ Receipt Date \_\_\_\_\_

*R. Yader* *[Signature]* 3/14/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 150

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Address	300 Highway 361, Crane, IN 47522
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Disposal Site Address	546 S. CR 870 West Medora, IN 47260

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
56 Contaminated Soil	14-0213-031	----	BULK	16.51 <del>16.59</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brew      Signature: [Signature]      Shipment Date: 03/14/14

TRANSPORTER	
Transporter 1	Transporter 2
Name of Transporter Young Trucking	Name of Transporter
Address 8262 E State Road 45, Unionville, IN 47468	Address
Driver Name <u>[Signature]</u>	Driver Name
Truck No. <u>56</u> Telephone No. <u>812-332-0403</u>	Truck No.      Telephone No.
I hereby certify that the above named material was transported from the above listed location. Signature: <u>[Signature]</u> Date: <u>3-14-14</u>	I hereby certify that the above named material was transported from the above listed location. Signature      Date

DISPOSAL SITE	
Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature]      Signature: [Signature]      Receipt Date: 3/14/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 151

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
				1758	
50 Contaminated Soil	14-0213-031	----	BULK	17.56	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name

Signature

Shipment Date

Thomas J. Brew

03/14/14

### TRANSPORTER

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	JIM GILLASPY	Driver Name	
Truck No.	50	Truck No.	
Telephone No.	812-332-0403	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature

Date 3-14-14

I hereby certify that the above named material was transported from the above listed location.

Signature

Date

### DISPOSAL SITE

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name

J. Hoff

Signature

Receipt Date

3/14/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 152

UXO 7 (ORR)

GENERATOR					
Generator Name NSA Crane			Tel. No. 812-854-6160		
Address 300 Highway 361, Crane, IN 47522					
Generating Location 300 Highway 361, Crane, IN 47522					
Disposal Site Name Medora Landfill			Tel. No. 812-966-2017		
Disposal Site Address 546 S. CR 870 West Medora, IN 47260					
For each waste below, provide the <b>Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)</b>					
Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
<b>45</b> Contaminated Soil	14-0213-031	----	BULK	18.29 <del>18.6</del>	Tons
Special Handling and/or Additional Information					
GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.					
Print/Type Name <i>Thomas J. Brew</i>			Signature <i>Thomas J. Brew</i>		Shipment Date <i>03/14/14</i>
TRANSPORTER					
Transporter 1			Transporter 2		
Name of Transporter Young Trucking			Name of Transporter		
Address 8262 E State Road 45, Unionville, IN 47468			Address		
Driver Name <i>Rob Ferran</i>			Driver Name		
Truck No. <b>45</b>	Telephone No. 812-332-0403		Truck No.	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature <i>Robert N G</i> Date <i>3-14-14</i>			I hereby certify that the above named material was transported from the above listed location. Signature _____ Date _____		
DISPOSAL SITE					
Site Name Medora Landfill			Telephone No. 812-966-2017		
Address 546 S. CR 870 West Medora, IN 47260					
Discrepancies:					
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
Print Name <i>J. P. [Signature]</i>		Signature <i>[Signature]</i>		Receipt Date <i>3/14/14</i>	



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 153

UXO 7 (ORR)

GENERATOR					
Generator Name NSA Crane			Tel. No. 812-854-6160		
Address 300 Highway 361, Crane, IN 47522					
Generating Location 300 Highway 361, Crane, IN 47522					
Disposal Site Name Medora Landfill			Tel. No. 812-966-2017		
Disposal Site Address 546 S. CR 870 West Medora, IN 47260					
For each waste below, provide the <b>Rumpke approval number</b> , the <b>total number of containers</b> , <b>container type</b> (i.e. drum, tote, bulk), <b>total quantity of waste</b> , and <b>units in tons (TONS), cubic yards (CY), or gallons (GAL)</b>					
Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
52 Contaminated Soil	14-0213-031	----	BULK	18.12 <del>18.82</del>	Tons
Special Handling and/or Additional Information					
GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.					
Print/Type Name <i>Thomas J. Brew</i>		Signature <i>Thomas J. Brew</i>		Shipment Date <i>03/14/14</i>	
TRANSPORTER					
Transporter 1			Transporter 2		
Name of Transporter Young Trucking			Name of Transporter		
Address 8262 E State Road 45, Unionville, IN 47468			Address		
Driver Name <i>WIGGS L. DECARO</i>			Driver Name		
Truck No. <i>52</i>	Telephone No. 812-332-0403		Truck No.	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature <i>Ge 2-Daniel</i> Date <i>3/14/14</i>			I hereby certify that the above named material was transported from the above listed location. Signature _____ Date _____		
DISPOSAL SITE					
Site Name Medora Landfill			Telephone No. 812-966-2017		
Address 546 S. CR 870 West Medora, IN 47260					
Discrepancies:					
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
Print Name <i>Heff</i>		Signature <i>[Signature]</i>		Receipt Date <i>3/14/14</i>	



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 154

UXO 7 (ORR)

GENERATOR					
Generator Name NSA Crane			Tel. No. 812-854-6160		
Address 300 Highway 361, Crane, IN 47522					
Generating Location 300 Highway 361, Crane, IN 47522					
Disposal Site Name Medora Landfill			Tel. No. 812-966-2017		
Disposal Site Address 546 S. CR 870 West Medora, IN 47260					
<i>For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)</i>					
Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
42 Contaminated Soil	14-0213-031	----	BULK	14.05 14.22	Tons
Special Handling and/or Additional Information					
GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.					
Print/Type Name <i>Thomas J. Brew</i>		Signature <i>Thomas J. Brew</i>		Shipment Date <u>03/14/14</u>	
TRANSPORTER					
Transporter 1			Transporter 2		
Name of Transporter Young Trucking			Name of Transporter		
Address 8262 E State Road 45, Unionville, IN 47468			Address		
Driver Name <i>Map Skinner</i>			Driver Name		
Truck No. <u>42</u>	Telephone No. 812-332-0403		Truck No.	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature <i>[Signature]</i> Date <u>3-14-14</u>			I hereby certify that the above named material was transported from the above listed location. Signature _____ Date _____		
DISPOSAL SITE					
Site Name Medora Landfill			Telephone No. 812-966-2017		
Address 546 S. CR 870 West Medora, IN 47260					
Discrepancies:					
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
Print Name <i>[Signature]</i>		Signature <i>[Signature]</i>		Receipt Date <u>3/14/14</u>	



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 155

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
55 Contaminated Soil	14-0213-031	----	BULK	15.88 <del>15.56</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brew      Signature: [Signature]      Shipment Date: 03/14/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Adam Harris	Driver Name	
Truck No.	55	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature: <u>[Signature]</u> Date: <u>3/14/14</u>		I hereby certify that the above named material was transported from the above listed location. Signature: _____      Date: _____	

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature]      Signature: [Signature]      Receipt Date: 3/14/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 156

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
54 Contaminated Soil	14-0213-031	----	BULK	18.52 <del>18.79</del>	Tons

## Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brown		03/14/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter		Name of Transporter	
Young Trucking			
Address		Address	
8262 E State Road 45, Unionville, IN 47468			
Driver Name		Driver Name	
ROBERT SUMMITT			
Truck No.	Telephone No.	Truck No.	Telephone No.
	812-332-0403		
I hereby certify that the above named material was transported from the above listed location.		I hereby certify that the above named material was transported from the above listed location.	
Signature	Date	Signature	Date
	03/14/2014		

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

## Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
Pfeffer		3/14/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 157

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units** in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
				17.08	
18 Contaminated Soil	14-0213-031	-----	BULK	<del>17.22</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brew	<i>Thomas J. Brew</i>	03/14/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Doug Hanna	Driver Name	
Truck No.	18	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature: <i>Doug Hanna</i> Date: 3-14-14	I hereby certify that the above named material was transported from the above listed location.	Signature: _____ Date: _____

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
<i>J. Pratt</i>	<i>[Signature]</i>	3/14/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 158

UXO 7 (ORR)

GENERATOR					
Generator Name	NSA Crane			Tel. No. 812-854-6160	
Address	300 Highway 361, Crane, IN 47522				
Generating Location	300 Highway 361, Crane, IN 47522				
Disposal Site Name	Medora Landfill			Tel. No. 812-966-2017	
Disposal Site Address	546 S. CR 870 West Medora, IN 47260				
<i>For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)</i>					
Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
11 Contaminated Soil	14-0213-031	----	BULK	14.70 <del>16.01</del>	Tons
Special Handling and/or Additional Information					
GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.					
Print/Type Name		Signature		Shipment Date	
Thomas J. Brew				03/14/14	
TRANSPORTER					
Transporter 1			Transporter 2		
Name of Transporter			Name of Transporter		
Young Trucking					
Address			Address		
8262 E State Road 45, Unionville, IN 47468					
Driver Name			Driver Name		
Chris Aew					
Truck No.	Telephone No.		Truck No.	Telephone No.	
11	812-332-0403				
I hereby certify that the above named material was transported from the above listed location.			I hereby certify that the above named material was transported from the above listed location.		
Signature		Date	Signature		Date
		3-14-14			
DISPOSAL SITE					
Site Name	Medora Landfill				
Address	546 S. CR 870 West Medora, IN 47260			Telephone No. 812-966-2017	
Discrepancies:					
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
Print Name		Signature		Receipt Date	
				3/14/14	



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 159

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
49 Contaminated Soil	14-0213-031	----	BULK	15.47 <del>15.59</del>	Tons

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brew	<i>Thomas J. Brew</i>	03/14/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<i>Jimmy Waldrip</i>	Driver Name	
Truck No.	49	Truck No.	
Telephone No.	812-332-0403	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature: *Jimmy Waldrip* Date: *3-14-14*

I hereby certify that the above named material was transported from the above listed location.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
<i>Pleth</i>	<i>[Signature]</i>	3/14/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 160

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
17 Contaminated Soil	14-0213-031	----	BULK	16.72 <del>16.61</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brew      Signature: [Signature]      Shipment Date: 03/14/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Clarence Hamm	Driver Name	
Truck No.	17	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature: <u>[Signature]</u> Date: <u>3-14-13</u>	I hereby certify that the above named material was transported from the above listed location.	Signature: _____      Date: _____

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature]      Signature: [Signature]      Receipt Date: 3/14/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 161

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
19 Contaminated Soil	14-0213-031	----	BULK	16.48 <del>16.52</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brew Signature: Thomas J. Brew Shipment Date: 03/14/14

### TRANSPORTER

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Robert YADEN	Driver Name	
Truck No.	19	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature: <u>Robert Yaden</u> Date: <u>3-14-14</u>	I hereby certify that the above named material was transported from the above listed location.	Signature: _____ Date: _____

### DISPOSAL SITE

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: Robert Yaden Signature: [Signature] Receipt Date: 3/14/14

J. Pfeiffer



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 162

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
56 Contaminated Soil	14-0213-031	----	BULK	17.83 <del>18.04</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brent		03/14/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name		Driver Name	
Truck No.	56	Truck No.	
Telephone No.	812-332-0403	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.	I hereby certify that the above named material was transported from the above listed location.
Signature	Signature
Date 3-14-14	Date

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
		3/14/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 163

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units** in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
				14.64	
42 Contaminated Soil	14-0213-031	----	BULK	44.70	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brant		3/17/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	MAX SKINNER	Driver Name	
Truck No.	42	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature 	I hereby certify that the above named material was transported from the above listed location.	Signature 
	Date 3-17-14		Date

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
		3/17/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 164

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
486 Contaminated Soil	14-0213-031	-----	BULK	15.61	Tons
				15.74	

MOCKE

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brent		3/17/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Larry Armes	Driver Name	
Truck No.	486	Truck No.	
Telephone No.	812-332-0403	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.	I hereby certify that the above named material was transported from the above listed location.
Signature 	Signature
Date 3/17/14	Date

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.		
Print Name	Signature	Receipt Date
		3/17/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 165

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units** in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
<u>22</u> Contaminated Soil	14-0213-031	----	BULK	17.82 17.81	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent      Signature: [Signature]      Shipment Date: 3/17/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>CHALL DAVIS</u>	Driver Name	
Truck No.	<u>22</u>	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature: <u>[Signature]</u> Date: <u>3/17/14</u>		I hereby certify that the above named material was transported from the above listed location. Signature: _____      Date: _____	

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature]      Signature: [Signature]      Receipt Date: 3/17/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 166

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
18 Contaminated Soil	14-0213-031	----	BULK	16.05 16.01	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent      Signature: [Signature]      Shipment Date: 3/17/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>DOUG HANNA</u>	Driver Name	
Truck No.	<u>18</u>	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature: <u>[Signature]</u> Date: <u>3-17-14</u>		I hereby certify that the above named material was transported from the above listed location. Signature: _____      Date: _____	

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature]      Signature: [Signature]      Receipt Date: 3/17/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 167

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
49 Contaminated Soil	14-0213-031	-----	BULK	16.20 16.68	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name \_\_\_\_\_ Signature \_\_\_\_\_ Shipment Date \_\_\_\_\_

*Thomas J. Brent* *Thomas J. Brent* 3/17/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<i>Jimmy Wabrip</i>	Driver Name	
Truck No.	<u>49</u>	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature <i>Jimmy Wabrip</i> Date <u>3-17-14</u>	I hereby certify that the above named material was transported from the above listed location.	Signature _____ Date _____

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name \_\_\_\_\_ Signature \_\_\_\_\_ Receipt Date \_\_\_\_\_

*Wabrip* *Wabrip* 3/17/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 168

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
				19.17	
56 Contaminated Soil	14-0213-031	----	BULK	19.23	Tons

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name \_\_\_\_\_ Signature \_\_\_\_\_ Shipment Date \_\_\_\_\_

Thomas J. Brent

Thomas J. Brent

3/17/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Brad Robertson	Driver Name	
Truck No.	56	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature _____ Date 3-17-14		I hereby certify that the above named material was transported from the above listed location. Signature _____ Date _____	

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name

Signature

Receipt Date

Plett

3/17/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 169

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
19 Contaminated Soil	14-0213-031	-----	BULK	15.60 15.92	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: [Signature] Shipment Date: 3/17/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Robert YADGA	Driver Name	
Truck No.	19	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature: <u>[Signature]</u> Date: <u>3-17-14</u>	I hereby certify that the above named material was transported from the above listed location.	Signature: _____ Date: _____

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature] Signature: [Signature] Receipt Date: 3/17/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 170

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
50 Contaminated Soil	14-0213-031	-----	BULK	16.22	Tons
				16.36	

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name \_\_\_\_\_ Signature \_\_\_\_\_ Shipment Date \_\_\_\_\_

Thomas J. Brant Thomas J. Brant 3/17/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter Young Trucking		Name of Transporter	
Address 8262 E State Road 45, Unionville, IN 47468		Address	
Driver Name <u>Jim Gillaspay</u>		Driver Name	
Truck No. <u>50</u>	Telephone No. 812-332-0403	Truck No.	Telephone No.

I hereby certify that the above named material was transported from the above listed location.

Signature Jim Gillaspay Date 3-17-14

I hereby certify that the above named material was transported from the above listed location.

Signature \_\_\_\_\_ Date \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name \_\_\_\_\_ Signature \_\_\_\_\_ Receipt Date \_\_\_\_\_

Skatt [Signature] 3/17/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 171

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units** in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
11 Contaminated Soil	14-0213-031	----	BULK	16.78 <del>16.9</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: [Signature] Shipment Date: 3/17/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>Chris Herd</u>	Driver Name	
Truck No.	11	Truck No.	
Telephone No.	812-332-0403	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature: [Signature] Date: 3-17-14

I hereby certify that the above named material was transported from the above listed location.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature] Signature: [Signature] Receipt Date: 3/17/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 172

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, container type (i.e. drum, tote, bulk), **total quantity of waste**, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
54 Contaminated Soil	14-0213-031	----	BULK	19.92	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: [Signature] Shipment Date: 3/17/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter Young Trucking		Name of Transporter	
Address 8262 E State Road 45, Unionville, IN 47468		Address	
Driver Name <u>Robert Summitt</u>		Driver Name	
Truck No. 54	Telephone No. 812-332-0403	Truck No.	Telephone No.

I hereby certify that the above named material was transported from the above listed location.

Signature: [Signature] Date: 3/12/14

I hereby certify that the above named material was transported from the above listed location.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature] Signature: [Signature] Receipt Date: 3/17/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 173

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units** in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
52 Contaminated Soil	14-0213-031	-----	BULK	20.76	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name \_\_\_\_\_ Signature \_\_\_\_\_ Shipment Date 3/17/14

Thomas J. Brent Thomas J. Brent

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>CURTIS L. DECKARD</u>	Driver Name	
Truck No.	<u>52</u>	Truck No.	
Telephone No.	812-332-0403	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature Curtis L. Deckard

Date 3/17/14

I hereby certify that the above named material was transported from the above listed location.

Signature \_\_\_\_\_

Date \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name \_\_\_\_\_

Signature [Signature]

Signature \_\_\_\_\_

Signature [Signature]

Receipt Date 3/17/14

Receipt Date 3/17/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 174

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
<b>55</b> Contaminated Soil	14-0213-031	----	BULK	19.71 <del>19.79</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent      Signature: [Signature]      Shipment Date: 3/17/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>Adam Harris</u>	Driver Name	
Truck No.	<u>55</u>	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature: <u>[Signature]</u> Date: <u>3/17/14</u>	I hereby certify that the above named material was transported from the above listed location.	Signature:      Date:

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature]      Signature: [Signature]      Receipt Date: 3/17/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 175

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
48 Contaminated Soil	14-0213-031	----	BULK	16.52 46.46	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name \_\_\_\_\_ Signature \_\_\_\_\_ Shipment Date \_\_\_\_\_

Thomas J. Brent

Thomas J. Brent

3/17/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Larry Aimes	Driver Name	
Truck No.	48	Truck No.	
Telephone No.	812-332-0403	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature \_\_\_\_\_ Date 3/17/14

I hereby certify that the above named material was transported from the above listed location.

Signature \_\_\_\_\_ Date \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name \_\_\_\_\_ Signature \_\_\_\_\_ Receipt Date \_\_\_\_\_

A. Hett

[Signature]

3/17/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 176

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
42 Contaminated Soil	14-0213-031	----	BULK	15.46 <del>15.59</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent      Signature: [Signature]      Shipment Date: 3/17/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>Max Skinner</u>	Driver Name	
Truck No.	<u>42</u>	Truck No.	
Telephone No.	812-332-0403	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature: [Signature]      Date: 3-17-14

I hereby certify that the above named material was transported from the above listed location.

Signature: \_\_\_\_\_      Date: \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature]      Signature: [Signature]      Receipt Date: 3/17/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 177

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
<u>22</u> Contaminated Soil	14-0213-031	----	BULK	<del>18.87</del> 18.84	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
<u>Thomas J. Brant</u>	<u>Thomas J. Brant</u>	<u>3/17/14</u>

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>CARL DAVIS</u>	Driver Name	
Truck No.	<u>22</u>	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature <u>Carl Davis</u> Date <u>3/17/14</u>	I hereby certify that the above named material was transported from the above listed location.	Signature                      Date

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
<u>Platt</u>	<u>[Signature]</u>	<u>3/17/14</u>



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 178

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
18 Contaminated Soil	14-0213-031	----	BULK	18.54 <u>18.44</u>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brent		3/17/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Doug Hanna	Driver Name	
Truck No.	18	Truck No.	Telephone No.
	812-332-0403		

I hereby certify that the above named material was transported from the above listed location.

Signature	Date
	3-17-14

I hereby certify that the above named material was transported from the above listed location.

Signature	Date

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
		3/17/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 179

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
49 Contaminated Soil	14-0213-031	----	BULK	17.34 17.07	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: Thomas J. Brent Shipment Date: 3/17/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>Jimmy Waldrip</u>	Driver Name	
Truck No.	49	Truck No.	
Telephone No.	812-332-0403	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature: Jimmy Waldrip Date: 3-17-14

I hereby certify that the above named material was transported from the above listed location.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature] Signature: [Signature] Receipt Date: 3/17/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 180

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
56 Contaminated Soil	14-0213-031	-----	BULK	18.65 18.77	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brant Signature: Thomas J. Brant Shipment Date: 3/17/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter Young Trucking		Name of Transporter	
Address 8262 E State Road 45, Unionville, IN 47468		Address	
Driver Name <u>Bruce Robertson</u>		Driver Name	
Truck No. 56	Telephone No. 812-332-0403	Truck No.	Telephone No.
I hereby certify that the above named material was transported from the above listed location. Signature: <u>Bruce Robertson</u> Date: <u>3-17-14</u>		I hereby certify that the above named material was transported from the above listed location. Signature: _____ Date: _____	

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: J. Heiter Signature: [Signature] Receipt Date: 3/17/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 181

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
11 Contaminated Soil	14-0213-031	----	BULK	16.52 <del>16.74</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brant      Signature: [Signature]      Shipment Date: 3/17/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>Chris Hew</u>	Driver Name	
Truck No.	11	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature: <u>[Signature]</u> Date: <u>3-17-14</u>	I hereby certify that the above named material was transported from the above listed location. Signature: _____      Date: _____		

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature]      Signature: [Signature]      Receipt Date: 3/17/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 182

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
19 Contaminated Soil	14-0213-031	----	BULK	17-81 17.66	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brent		3/17/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Robert Yaden	Driver Name	
Truck No.	19	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.		I hereby certify that the above named material was transported from the above listed location.	
Signature		Signature	
Date	3-17-14	Date	

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
		3/17/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 183

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
<b>50</b> Contaminated Soil	<b>14-0213-031</b>	----	<b>BULK</b>	<b>17.10</b> <b>17.01</b>	<b>Tons</b>

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name

Signature

Shipment Date

*Thomas J. Brent**Thomas J. Brent**3/17/14***TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter Young Trucking		Name of Transporter	
Address 8262 E State Road 45, Unionville, IN 47468		Address	
Driver Name <i>Jim Gillaspay</i>		Driver Name	
Truck No. <b>50</b>	Telephone No. 812-332-0403	Truck No.	Telephone No.
I hereby certify that the above named material was transported from the above listed location. Signature <i>Jim Gillaspay</i> Date <i>3-17-14</i>		I hereby certify that the above named material was transported from the above listed location. Signature _____ Date _____	

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name

Signature

Receipt Date

*[Signature]**[Signature]**3/17/14*



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 184

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
54 Contaminated Soil	14-0213-031	----	BULK	17.38 47.66	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brant	<i>Thomas J. Brant</i>	3/17/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	ROBERT SUMMITT	Driver Name	
Truck No.	54	Truck No.	
Telephone No.	812-332-0403	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.	I hereby certify that the above named material was transported from the above listed location.
Signature: <i>Robert Summitt</i>	Signature
Date: 3/17/14	Date

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
<i>J. Pfeiffer</i>	<i>[Signature]</i>	3/17/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 185

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
				20.69	
52 Contaminated Soil	14-0213-031	----	BULK	21.37	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name

Signature

Shipment Date

Thomas J. Brent

3/17/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name		Driver Name	
Truck No.	52	Truck No.	
Telephone No.	812-332-0403	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature

Date 3/17/14

I hereby certify that the above named material was transported from the above listed location.

Signature

Date

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name

Signature

Receipt Date

3/17/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 186

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
55 Contaminated Soil	14-0213-031	----	BULK	20-28 <del>20-37</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent      Signature: [Signature]      Shipment Date: 3/17/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Adam Harris	Driver Name	
Truck No.	55	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature: <u>[Signature]</u> Date: <u>3/17/16</u>		I hereby certify that the above named material was transported from the above listed location. Signature: _____      Date: _____	

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature]      Signature: [Signature]      Receipt Date: 3/17/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 187

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
48 Contaminated Soil	14-0213-031	----	BULK	17.74 17.66	Tons

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brent		3/18/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Larry Armes	Driver Name	
Truck No.	48	Truck No.	
Telephone No.	812-332-0403	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature Date 3/18/14

I hereby certify that the above named material was transported from the above listed location.

Signature \_\_\_\_\_ Date \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
		3/18/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 188

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
				20.55 mcy 20.76	
56 Contaminated Soil	14-0213-031	----	BULK	21.05	Tons

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: [Signature] Shipment Date: 3/18/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>[Signature]</u>	Driver Name	
Truck No.	56	Truck No.	
Telephone No.	812-332-0403	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature: [Signature] Date: 3-18-14

I hereby certify that the above named material was transported from the above listed location.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature] Signature: [Signature] Receipt Date: 3/18/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 189

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
19 Contaminated Soil	14-0213-031	----	BULK	19.51 <del>19.40</del>	Tons

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brent	<i>Thomas J. Brent</i>	3/18/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Robert Yaden	Driver Name	
Truck No.	19	Truck No.	
Telephone No.	812-332-0403	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature	<i>Robert Yaden</i>	Date	3-18-14
-----------	---------------------	------	---------

I hereby certify that the above named material was transported from the above listed location.

Signature		Date	
-----------	--	------	--

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
J. Pfeiffer	<i>J. Pfeiffer</i>	3/18/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 190

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
22 Contaminated Soil	14-0213-031	----	BULK	21-81 21.78	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brent		3/18/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter Young Trucking		Name of Transporter	
Address 8262 E State Road 45, Unionville, IN 47468		Address	
Driver Name CARL DAVIS		Driver Name	
Truck No. 22	Telephone No. 812-332-0403	Truck No.	Telephone No.

I hereby certify that the above named material was transported from the above listed location.

Signature Date 3/18/14

I hereby certify that the above named material was transported from the above listed location.

Signature \_\_\_\_\_ Date \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
		3/18/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 191

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units** in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
				19.79	
49 Contaminated Soil	14-0213-031	----	BULK	19.75	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: [Signature] Shipment Date: 3/18/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter Young Trucking		Name of Transporter	
Address 8262 E State Road 45, Unionville, IN 47468		Address	
Driver Name <u>Jimmy Waldrip</u>		Driver Name	
Truck No. <u>49</u>	Telephone No. 812-332-0403	Truck No.	Telephone No.
I hereby certify that the above named material was transported from the above listed location. Signature: <u>[Signature]</u> Date: <u>3-18-14</u>		I hereby certify that the above named material was transported from the above listed location. Signature: _____ Date: _____	

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature] Signature: [Signature] Receipt Date: 3/18/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 192

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
55 Contaminated Soil	14-0213-031	----	BULK	20.70 <del>20.63</del>	Tons

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent      Signature: [Signature]      Shipment Date: 3/18/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter Young Trucking		Name of Transporter	
Address 8262 E State Road 45, Unionville, IN 47468		Address	
Driver Name Adam Harris		Driver Name	
Truck No. 55	Telephone No. 812-332-0403	Truck No.	Telephone No.
I hereby certify that the above named material was transported from the above listed location. Signature: <u>[Signature]</u> Date: <u>3/18/14</u>		I hereby certify that the above named material was transported from the above listed location. Signature: _____      Date: _____	

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature]      Signature: [Signature]      Receipt Date: 3/18/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 193

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
54 Contaminated Soil	14-0213-031	----	BULK	22.56 22.79	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: [Signature] Shipment Date: 3/18/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>CURTIS L. DECOARD</u>	Driver Name	
Truck No.	54	Truck No.	
Telephone No.	812-332-0403	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature: [Signature] Date: 3/18/14

I hereby certify that the above named material was transported from the above listed location.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature] Signature: [Signature] Receipt Date: 3/18/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 194

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
11 Contaminated Soil	14-0213-031	----	BULK	18.97 <del>19.19</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brent		3/18/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Chris Haw	Driver Name	
Truck No.	11	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	I hereby certify that the above named material was transported from the above listed location.		
Signature		Signature	
Date	3-18-14	Date	

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
		3/18/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 195

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
42 Contaminated Soil	14-0213-031	-----	BULK	17.34 17.42	Tons

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent      Signature: [Signature]      Shipment Date: 3/18/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter Young Trucking		Name of Transporter	
Address 8262 E State Road 45, Unionville, IN 47468		Address	
Driver Name <u>Mr. Skinner</u>		Driver Name	
Truck No. <u>42</u>	Telephone No. 812-332-0403	Truck No.	Telephone No.

I hereby certify that the above named material was transported from the above listed location.

Signature: [Signature]      Date: 3-18-14

I hereby certify that the above named material was transported from the above listed location.

Signature: \_\_\_\_\_      Date: \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature]      Signature: [Signature]      Receipt Date: 3/18/14

62120



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 196

UXO 7 (ORR)

### GENERATOR

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
33 Contaminated Soil	14-0213-031	----	BULK	17.71 77.69	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent      Signature: [Signature]      Shipment Date: 3/18/14

### TRANSPORTER

Transporter 1		Transporter 2	
Name of Transporter Young Trucking		Name of Transporter	
Address 8262 E State Road 45, Unionville, IN 47468		Address	
Driver Name <u>ROBERT SUMMITT</u>		Driver Name	
Truck No. <u>33</u>	Telephone No. 812-332-0403	Truck No.	Telephone No.

I hereby certify that the above named material was transported from the above listed location.

Signature: [Signature]      Date: 3/18/14

I hereby certify that the above named material was transported from the above listed location.

Signature: \_\_\_\_\_      Date: \_\_\_\_\_

### DISPOSAL SITE

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature]      Signature: [Signature]      Receipt Date: 3/18/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 197

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
45 Contaminated Soil	14-0213-031	-----	BULK	21.22 21.76	Tons

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: [Signature] Shipment Date: 3/18/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>Bob Ferron</u>	Driver Name	
Truck No.	45	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature: <u>[Signature]</u> Date: <u>3-18-14</u>	I hereby certify that the above named material was transported from the above listed location.	Signature: _____ Date: _____

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature] Signature: [Signature] Receipt Date: 3/18/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 198

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
18 Contaminated Soil	14-0213-031	----	BULK	19.82 <del>19.47</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: [Signature] Shipment Date: 3/18/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>DOUG HANNA</u>	Driver Name	
Truck No.	<u>18</u>	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature: <u>[Signature]</u> Date: <u>3-18-14</u>	I hereby certify that the above named material was transported from the above listed location.	Signature: _____ Date: _____

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature] Signature: [Signature] Receipt Date: 3/18/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 199

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
				18.04	
48 Contaminated Soil	14-0213-031	----	BULK	<del>17.98</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: [Signature] Shipment Date: 3/18/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>Larry Armes</u>	Driver Name	
Truck No.	Telephone No. 812-332-0403	Truck No.	Telephone No.

I hereby certify that the above named material was transported from the above listed location.

Signature: [Signature] Date: 3/18/14

I hereby certify that the above named material was transported from the above listed location.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature] Signature: [Signature] Receipt Date: 3/18/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 200

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
19 Contaminated Soil	14-0213-031	----	BULK	19.28	Tons
					19.34

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brew Signature: [Signature] Shipment Date: 3/18/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter Young Trucking		Name of Transporter	
Address 8262 E State Road 45, Unionville, IN 47468		Address	
Driver Name Robert Vaden		Driver Name	
Truck No. 19	Telephone No. 812-332-0403	Truck No.	Telephone No.
I hereby certify that the above named material was transported from the above listed location. Signature: <u>R. Galt</u> Date: <u>3-18-14</u>		I hereby certify that the above named material was transported from the above listed location. Signature: _____ Date: _____	

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: L. Curry Signature: [Signature] Receipt Date: 3-18-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 201

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
56 Contaminated Soil	14-0213-031	----	BULK	21.98	Tons
					21.82

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: [Signature] Shipment Date: 3/18/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>[Signature]</u>	Driver Name	
Truck No.	56	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature: <u>[Signature]</u> Date: <u>3-18-14</u>	I hereby certify that the above named material was transported from the above listed location.	Signature: _____ Date: _____

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: L. Curry Signature: [Signature] Receipt Date: 3-18-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 202

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
<u>22</u> Contaminated Soil	14-0213-031	----	BULK	<u>20.78</u>	Tons
					<u>20.71</u>

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: Thomas J. Brent Shipment Date: 3/18/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>CARL DAVIS</u>	Driver Name	
Truck No.	<u>22</u>	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature: <u>[Signature]</u> Date: <u>3/18/14</u>	I hereby certify that the above named material was transported from the above listed location.	Signature: _____ Date: _____

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: H. Curry Signature: [Signature] Receipt Date: 3-18-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 203

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
49 Contaminated Soil	14-0213-031	----	BULK	19.04	Tons
					18.95

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brew Signature: Thomas J. Brew Shipment Date: 3/18/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>Jimmy Wadrip</u>	Driver Name	
Truck No.	49	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature: <u>Jimmy Wadrip</u> Date: <u>3-18-14</u>	I hereby certify that the above named material was transported from the above listed location.	Signature: _____ Date: _____

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: L. Curry Signature: [Signature] Receipt Date: 3-18-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 204

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
55 Contaminated Soil	14-0213-031	----	BULK	18.53	Tons
					18.71

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brent	<i>Thomas J. Brent</i>	3/18/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Adam Harris	Driver Name	
Truck No.	55	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature <i>Adam Harris</i>	Date 3/18/14	I hereby certify that the above named material was transported from the above listed location.
	Signature	Date	Signature

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
L. Curry	<i>L. Curry</i>	3-18-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 205

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
11 Contaminated Soil	14-0213-031	----	BULK	18.92	Tons
					18.66

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: [Signature] Shipment Date: 3/18/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Chris Head	Driver Name	
Truck No.	11	Truck No.	
Telephone No.	812-332-0403	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature: [Signature] Date: 3-18-14

I hereby certify that the above named material was transported from the above listed location.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: L. Curry Signature: [Signature] Receipt Date: 3-18-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 206

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
54 Contaminated Soil	14-0213-031	----	BULK	21.89 <del>22.22</del>	Tons

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brent		3/18/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	CURTIS L. DECKARD	Driver Name	
Truck No.	54	Truck No.	
Telephone No.	812-332-0403	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.	I hereby certify that the above named material was transported from the above listed location.
Signature:	Signature:
Date: 3/18/14	Date:

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
		3/18/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 207

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units** in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
42 Contaminated Soil	14-0213-031	----	BULK	17.81 <del>17.98</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent      Signature: [Signature]      Shipment Date: 3/18/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	MAX SKINNER	Driver Name	
Truck No.	42	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature: <u>[Signature]</u> Date: <u>3-18-14</u>	I hereby certify that the above named material was transported from the above listed location.	Signature: _____      Date: _____

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature]      Signature: [Signature]      Receipt Date: 3/18/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 208

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
33 Contaminated Soil	14-0213-031	----	BULK	17.85 17.93	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: [Signature] Shipment Date: 3/18/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>ROBERT SUMMITT</u>	Driver Name	
Truck No. <u>33</u>	Telephone No. 812-332-0403	Truck No.	Telephone No.

I hereby certify that the above named material was transported from the above listed location.

Signature: [Signature] Date: 3/18/2014

I hereby certify that the above named material was transported from the above listed location.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature] Signature: [Signature] Receipt Date: 3/18/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 209

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
45 Contaminated Soil	14-0213-031	----	BULK	20.06 20.13	Tons

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brent		3/18/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Bob Fenner	Driver Name	
Truck No.	Telephone No. 812-332-0403	Truck No.	Telephone No.

I hereby certify that the above named material was transported from the above listed location.

Signature	Date
	3-18-14

I hereby certify that the above named material was transported from the above listed location.

Signature	Date

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
J. Hett		3/18/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 210

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
18 Contaminated Soil	14-0213-031	----	BULK	18.78 <del>18.95</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brent		3/18/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Doug Hanna	Driver Name	
Truck No.	18	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	I hereby certify that the above named material was transported from the above listed location.		
Signature	Date	Signature	Date
	3-18-14		

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
		3/18/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 211

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
48 Contaminated Soil	14-0213-031	----	BULK	17.26 17.37	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name \_\_\_\_\_ Signature \_\_\_\_\_ Shipment Date \_\_\_\_\_

Thomas J. Brent *Thomas J. Brent* 3/18/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Larry Ames	Driver Name	
Truck No.	48	Truck No.	
Telephone No.	812-332-0403	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature *Larry Ames* Date 3/18/14

I hereby certify that the above named material was transported from the above listed location.

Signature \_\_\_\_\_ Date \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name *J. Hutt* Signature \_\_\_\_\_ Receipt Date 3/18/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 212

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
19 Contaminated Soil	14-0213-031	----	BULK	17.41 17.50	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: [Signature] Shipment Date: 3/18/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter Young Trucking		Name of Transporter	
Address 8262 E State Road 45, Unionville, IN 47468		Address	
Driver Name <u>Robert Yaden</u>		Driver Name	
Truck No. 19	Telephone No. 812-332-0403	Truck No.	Telephone No.
I hereby certify that the above named material was transported from the above listed location. Signature: <u>[Signature]</u> Date: <u>3-18-14</u>		I hereby certify that the above named material was transported from the above listed location. Signature: _____ Date: _____	

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature] Signature: [Signature] Receipt Date: 3/18/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 213

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
22 Contaminated Soil	14-0213-031	----	BULK	20.20 <del>20.39</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name

Signature

Shipment Date

Thomas J. Brent

3/18/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Carl Davis	Driver Name	
Truck No.	22	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.		I hereby certify that the above named material was transported from the above listed location.	
Signature		Signature	
Date	3/18/14	Date	

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name

Signature

Receipt Date

3/18/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 214

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units** in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
<u>49</u> Contaminated Soil	14-0213-031	----	BULK	17.74 <del>17.92</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: [Signature] Shipment Date: 3/18/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter Young Trucking		Name of Transporter	
Address 8262 E State Road 45, Unionville, IN 47468		Address	
Driver Name <u>Jimmy Waldrip</u>		Driver Name	
Truck No. <u>49</u>	Telephone No. 812-332-0403	Truck No.	Telephone No.

I hereby certify that the above named material was transported from the above listed location.

Signature: [Signature] Date: 3-18-14

I hereby certify that the above named material was transported from the above listed location.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature] Signature: [Signature] Receipt Date: 3/18/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 215

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
56 Contaminated Soil	14-0213-031	----	BULK	18.71 <del>18.97</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brew		3/18/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name		Driver Name	
Truck No.	56	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature  Date 3-18-14	I hereby certify that the above named material was transported from the above listed location.	Signature _____ Date _____

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
		3/18/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 216

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
42 Contaminated Soil	14-0213-031	----	BULK	18.21	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brent		3/19/14

### TRANSPORTER

Transporter 1	Transporter 2
Name of Transporter	Name of Transporter
Young Trucking	
Address	Address
8262 E State Road 45, Unionville, IN 47468	
Driver Name	Driver Name
Walt Skinner	
Truck No.	Truck No.
42	
Telephone No.	Telephone No.
812-332-0403	

I hereby certify that the above named material was transported from the above listed location.

Signature	Date
	3-19-14

I hereby certify that the above named material was transported from the above listed location.

Signature	Date

### DISPOSAL SITE

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
		3/19/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 217

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Address	
300 Highway 361, Crane, IN 47522	
Generating Location	
300 Highway 361, Crane, IN 47522	
Disposal Site Name	Medora Landfill
Disposal Site Address	
546 S. CR 870 West Medora, IN 47260	

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
56 Contaminated Soil	14-0213-031	----	BULK	21.71 21.80	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent      Signature: [Signature]      Shipment Date: 3/19/14

TRANSPORTER			
Transporter 1		Transporter 2	
Name of Transporter		Name of Transporter	
Young Trucking			
Address		Address	
8262 E State Road 45, Unionville, IN 47468			
Driver Name		Driver Name	
<u>[Signature]</u>			
Truck No.	Telephone No.	Truck No.	Telephone No.
	812-332-0403		
I hereby certify that the above named material was transported from the above listed location.		I hereby certify that the above named material was transported from the above listed location.	
Signature: <u>[Signature]</u> Date: <u>3-19-14</u>		Signature: _____      Date: _____	

DISPOSAL SITE	
Site Name	Medora Landfill
Address	
546 S. CR 870 West Medora, IN 47260	
Telephone No.	
812-966-2017	

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature]      Signature: [Signature]      Receipt Date: 3/19/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 218

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units** in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
18 Contaminated Soil	14-0213-031	----	BULK	17.65 17.69	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent      Signature: [Signature]      Shipment Date: 3/19/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>DOUG HANNA</u>	Driver Name	
Truck No.	<u>18</u>	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature: <u>[Signature]</u> Date: <u>3-19-14</u>	I hereby certify that the above named material was transported from the above listed location.	Signature: _____      Date: _____

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature]      Signature: [Signature]      Receipt Date: 3/19/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 219

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
19 Contaminated Soil	14-0213-031	----	BULK	18.80	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent      Signature: [Signature]      Shipment Date: 3/19/14

TRANSPORTER			
Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Robert Yaden	Driver Name	
Truck No.	19	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature: <u>[Signature]</u> Date: <u>3-19-14</u>		I hereby certify that the above named material was transported from the above listed location. Signature: _____      Date: _____	

DISPOSAL SITE	
Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature]      Signature: [Signature]      Receipt/Date: 3/19/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 220

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
33 Contaminated Soil	14-0213-031	----	BULK	18.16	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: [Signature] Shipment Date: 3/19/14

TRANSPORTER	
Transporter 1	Transporter 2
Name of Transporter	Name of Transporter
Young Trucking	
Address	Address
8262 E State Road 45, Unionville, IN 47468	
Driver Name	Driver Name
<u>Robert Summit</u>	
Truck No.	Telephone No.
33	812-332-0403

I hereby certify that the above named material was transported from the above listed location. Signature: [Signature] Date: 3/19/2014

DISPOSAL SITE	
Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate. Print Name: [Signature] Signature: [Signature] Receipt Date: 3/19/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 221

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
54 Contaminated Soil	14-0213-031	----	BULK	20.27 20.52	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name

Signature

Shipment Date

Thomas J. Brent

3/19/14

### TRANSPORTER

Transporter 1	Transporter 2
Name of Transporter	Name of Transporter
Young Trucking	
Address	Address
8262 E State Road 45, Unionville, IN 47468	
Driver Name	Driver Name
CURTIS L. DECKARD	
Truck No.	Truck No.
54	
Telephone No.	Telephone No.
812-332-0403	

I hereby certify that the above named material was transported from the above listed location.

Signature

Date

3/19/14

I hereby certify that the above named material was transported from the above listed location.

Signature

Date

### DISPOSAL SITE

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name

Signature

Receipt Date

3/19/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 222

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
22 Contaminated Soil	14-0213-031	----	BULK	20.12 20.03	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brent		3/19/14

### TRANSPORTER

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	CARL DAVIS	Driver Name	
Truck No.	22	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	I hereby certify that the above named material was transported from the above listed location.		
Signature		Signature	
Date	3/19/14	Date	

### DISPOSAL SITE

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
J. P. Kuffo		3/19/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 223

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
49 Contaminated Soil	14-0213-031	----	BULK	19.80 <del>19.80</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent  
Signature: *Thomas J. Brent*  
Shipment Date: 3/19/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Jimmy Wabdrif	Driver Name	
Truck No.	49	Truck No.	
Telephone No.	812-332-0403	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature: *Jimmy Wabdrif*  
Date: 3-19-14

I hereby certify that the above named material was transported from the above listed location.

Signature: \_\_\_\_\_  
Date: \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: *[Signature]*  
Signature: *[Signature]*  
Receipt Date: 3/19/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 224

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
42 Contaminated Soil	14-0213-031	-----	BULK	15.50 15.69	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent  
Signature: *Thomas J. Brent*  
Shipment Date: 3/19/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<i>Mark Skinner</i>	Driver Name	
Truck No.	42	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature: <i>[Signature]</i> Date: 3-19-14		I hereby certify that the above named material was transported from the above listed location. Signature: _____ Date: _____	

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: *[Signature]*  
Signature: *[Signature]*  
Receipt Date: 3/19/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 225

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
18 Contaminated Soil	14-0213-031	----	BULK	16.93 17.02	Tons

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brent	<i>Thomas J. Brent</i>	3/19/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Doug Hanna	Driver Name	
Truck No.	18	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature: <i>Doug Hanna</i>	I hereby certify that the above named material was transported from the above listed location.	Signature: _____
	Date: 3-19-14		Date: _____

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
<i>J. Peck</i>	<i>[Signature]</i>	3/19/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 226

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units** in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
56 Contaminated Soil	14-0213-031	-----	BULK	19.45 <del>19.61</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent  
Signature: *Thomas J. Brent*  
Shipment Date: 3/19/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<i>Burt Roberts</i>	Driver Name	
Truck No.	56	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature: <i>Burt Roberts</i> Date: 3-19-14		I hereby certify that the above named material was transported from the above listed location. Signature: _____ Date: _____	

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: *J. Hetter*  
Signature: *[Signature]*  
Receipt Date: 3/19/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 227

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units** in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
19 Contaminated Soil	14-0213-031	----	BULK	18.01 <del>18.02</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brent	<i>Thomas J. Brent</i>	3/19/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Robert Yacon	Driver Name	
Truck No.	19	Truck No.	Telephone No.
	812-332-0403		
I hereby certify that the above named material was transported from the above listed location.	I hereby certify that the above named material was transported from the above listed location.	Signature	Date
<i>R. Yacon</i>	<i>R. Yacon</i>		3-19-14

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
<i>Heffer</i>	<i>[Signature]</i>	3/19/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 228

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
				19.21	
45 Contaminated Soil	14-0213-031	----	BULK	19.26	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brent		3/19/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name		Driver Name	
Truck No.	45	Truck No.	
Telephone No.	812-332-0403	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature:   
Date: 3-19-14

I hereby certify that the above named material was transported from the above listed location.

Signature: \_\_\_\_\_  
Date: \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
		3/19/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 229

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
				16.96	
33 Contaminated Soil	14-0213-031	----	BULK	17.01	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name

Signature

Shipment Date

Thomas J. Brent

3/19/14

### TRANSPORTER

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	ROBERT SUMMITT	Driver Name	
Truck No.	33	Truck No.	
Telephone No.	812-332-0403	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature

Date

3/19/2014

I hereby certify that the above named material was transported from the above listed location.

Signature

Date

### DISPOSAL SITE

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name

Signature

Receipt Date

3/19/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest # 230

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
54 Contaminated Soil	14-0213-031	----	BULK	21.71 22.02	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name

Signature

Shipment Date

Thomas J. Brent

3/19/14

### TRANSPORTER

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	CURTIS DECKARD	Driver Name	
Truck No.	54	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.		I hereby certify that the above named material was transported from the above listed location.	
Signature		Signature	
Date	3/19/14	Date	

### DISPOSAL SITE

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name

Signature

Receipt Date

3/19/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 231

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
22 Contaminated Soil	14-0213-031	----	BULK	17.71 <del>17.79</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name

Signature

Shipment Date

Thomas J. Brent

3/19/14

### TRANSPORTER

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	CARL DAVIS	Driver Name	
Truck No.	22	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature	I hereby certify that the above named material was transported from the above listed location.	Signature
	Date 3/19/14		Date

### DISPOSAL SITE

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name

Signature

Receipt Date

3/19/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 232

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
49 Contaminated Soil	14-0213-031	----	BULK	18.57	Tons
					18.45

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: [Signature] Shipment Date: 3/19/14

TRANSPORTER			
Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>Jimmy Waldrop</u>	Driver Name	
Truck No.	<u>49</u>	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.		I hereby certify that the above named material was transported from the above listed location.	
Signature	<u>[Signature]</u>	Signature	
Date	<u>3-19-14</u>	Date	

DISPOSAL SITE	
Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: L. Curry Signature: [Signature] Receipt Date: 3-19-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 233

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
42 Contaminated Soil	14-0213-031	----	BULK	15.94	Tons
					15.72

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent      Signature: [Signature]      Shipment Date: 3/19/14

### TRANSPORTER

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>MIA SKINNER</u>	Driver Name	
Truck No.	<u>42</u>	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature: <u>[Signature]</u> Date: <u>3-19-14</u>	I hereby certify that the above named material was transported from the above listed location.	Signature: _____      Date: _____

### DISPOSAL SITE

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: L Curry      Signature: [Signature]      Receipt Date: 3-19-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 234

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
18 Contaminated Soil	14-0213-031	----	BULK	18.47	Tons
					18.29

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name \_\_\_\_\_ Signature \_\_\_\_\_ Shipment Date \_\_\_\_\_

Thomas J. Brent

3/19/14

### TRANSPORTER

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Doug Hanna	Driver Name	
Truck No.	18	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.		I hereby certify that the above named material was transported from the above listed location.	
Signature		Signature	
Date	3-19-14	Date	

### DISPOSAL SITE

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name

L Curry

Signature

Receipt Date

3-19-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 235

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
19 Contaminated Soil	14-0213-031	----	BULK	15.72	Tons
					15.6

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name

Signature

Shipment Date

Thomas J. Brent

3/19/14

### TRANSPORTER

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Robert Yaden	Driver Name	
Truck No.	19	Truck No.	
Telephone No.	812-332-0403	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature

Date

3-19-14

I hereby certify that the above named material was transported from the above listed location.

Signature

Date

### DISPOSAL SITE

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name

L. Curry

Signature

Receipt Date

3-19-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 236

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
56 Contaminated Soil	14-0213-031	----	BULK	19.65	Tons
					19.41

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent  
Signature: *Thomas J. Brent*  
Shipment Date: 3/19/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter Young Trucking		Name of Transporter	
Address 8262 E State Road 45, Unionville, IN 47468		Address	
Driver Name <i>Bruce Roberts</i>		Driver Name	
Truck No. 56	Telephone No. 812-332-0403	Truck No.	Telephone No.

I hereby certify that the above named material was transported from the above listed location.

Signature: *Bruce Roberts* Date: 3-19-14

I hereby certify that the above named material was transported from the above listed location.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: L. Curry  
Signature: *L. Curry*  
Receipt Date: 3-19-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 237

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
45 Contaminated Soil	14-0213-031	----	BULK	16.81	Tons
					16.67

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brent		3/19/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Rob Ferran	Driver Name	
Truck No.	45	Truck No.	
Telephone No.	812-332-0403	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature	Date
	3-19-14

I hereby certify that the above named material was transported from the above listed location.

Signature	Date

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
L. Carr		3-19-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 238

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

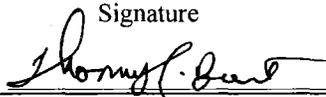
Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
56 Contaminated Soil	14-0213-031	----	BULK	90.97 21.06	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

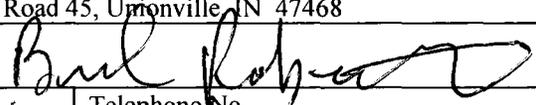
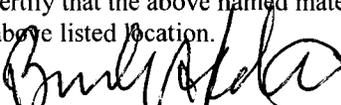
Print/Type Name \_\_\_\_\_ Signature \_\_\_\_\_ Shipment Date \_\_\_\_\_

Thomas J. Brent



3/20/14

### TRANSPORTER

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name		Driver Name	
Truck No.	56	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.		I hereby certify that the above named material was transported from the above listed location.	
Signature		Signature	
Date	3-20-14	Date	

### DISPOSAL SITE

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

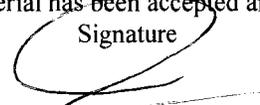
Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name



Signature



Receipt Date

3/20/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 239

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
45 Contaminated Soil	14-0213-031	----	BULK	18.28	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent      Signature: [Signature]      Shipment Date: 3/20/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter Young Trucking		Name of Transporter	
Address 8262 E State Road 45, Unionville, IN 47468		Address	
Driver Name <u>Bob Ferran</u>		Driver Name	
Truck No. <u>45</u>	Telephone No. 812-332-0403	Truck No.	Telephone No.

I hereby certify that the above named material was transported from the above listed location.  
Signature: [Signature]      Date: 3-20-14

I hereby certify that the above named material was transported from the above listed location.  
Signature: \_\_\_\_\_      Date: \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature]      Signature: [Signature]      Receipt Date: 3/20/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 240

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
50 Contaminated Soil	14-0213-031	----	BULK	17.29	Tons

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: [Signature] Shipment Date: 3/20/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter Young Trucking		Name of Transporter	
Address 8262 E State Road 45, Unionville, IN 47468		Address	
Driver Name <u>Jim Gillaspay</u>		Driver Name	
Truck No. <u>50</u>	Telephone No. 812-332-0403	Truck No.	Telephone No.
I hereby certify that the above named material was transported from the above listed location. Signature: <u>[Signature]</u> Date: <u>3-20-14</u>		I hereby certify that the above named material was transported from the above listed location. Signature: _____ Date: _____	

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature] Signature: [Signature] Receipt Date: 3/20/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 241

UXO 7 (ORR)

GENERATOR					
Generator Name NSA Crane			Tel. No. 812-854-6160		
Address 300 Highway 361, Crane, IN 47522					
Generating Location 300 Highway 361, Crane, IN 47522					
Disposal Site Name Medora Landfill			Tel. No. 812-966-2017		
Disposal Site Address 546 S. CR 870 West Medora, IN 47260					
For each waste below, provide the <b>Rumpke approval number</b> , the <b>total number of containers</b> , <b>container type</b> (i.e. drum, tote, bulk), <b>total quantity of waste</b> , and <b>units in tons (TONS), cubic yards (CY), or gallons (GAL)</b>					
Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
18 Contaminated Soil	14-0213-031	----	BULK	19.44 <del>19.49</del>	Tons
Special Handling and/or Additional Information					
GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.					
Print/Type Name <u>Thomas J. Brent</u>			Signature <u>[Signature]</u>		Shipment Date <u>3/20/14</u>
TRANSPORTER					
Transporter 1			Transporter 2		
Name of Transporter Young Trucking			Name of Transporter		
Address 8262 E State Road 45, Unionville, IN 47468			Address		
Driver Name <u>DOUG HANNA</u>			Driver Name		
Truck No. <u>18</u>	Telephone No. 812-332-0403		Truck No.	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature <u>[Signature]</u> Date <u>3-20-14</u>			I hereby certify that the above named material was transported from the above listed location. Signature _____ Date _____		
DISPOSAL SITE					
Site Name Medora Landfill			Telephone No. 812-966-2017		
Address 546 S. CR 870 West Medora, IN 47260					
Discrepancies:					
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
Print Name <u>[Signature]</u>			Signature <u>[Signature]</u>		Receipt Date <u>3/20/14</u>



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 242

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
<u>33</u> Contaminated Soil	14-0213-031	----	BULK	<u>16.18</u> <del>16.17</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: [Signature] Shipment Date: 3/20/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter Young Trucking		Name of Transporter	
Address 8262 E State Road 45, Unionville, IN 47468		Address	
Driver Name <u>ROBERT SUMMITT</u>		Driver Name	
Truck No. <u>33</u>	Telephone No. 812-332-0403	Truck No.	Telephone No.

I hereby certify that the above named material was transported from the above listed location.

Signature: [Signature] Date: 3/20/2014

I hereby certify that the above named material was transported from the above listed location.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature] Signature: [Signature] Receipt Date: 3/20/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 243

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
11 Contaminated Soil	14-0213-031	----	BULK	17.89 18.07	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: [Signature] Shipment Date: 3/20/14

### TRANSPORTER

Transporter 1	Transporter 2
Name of Transporter Young Trucking	Name of Transporter
Address 8262 E State Road 45, Unionville, IN 47468	Address
Driver Name <u>Chris Head</u>	Driver Name
Truck No. <u>11</u> Telephone No. 812-332-0403	Truck No. Telephone No.
I hereby certify that the above named material was transported from the above listed location. Signature: <u>[Signature]</u> Date: <u>3-20-14</u>	I hereby certify that the above named material was transported from the above listed location. Signature: _____ Date: _____

### DISPOSAL SITE

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature] Signature: [Signature] Receipt Date: 3/20/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 244

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
54 Contaminated Soil	14-0213-031	----	BULK	20.16 <del>20.40</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: [Signature] Shipment Date: 3/20/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>CURTIS L. DECAIRD</u>	Driver Name	
Truck No.	54	Truck No.	
Telephone No.	812-332-0403	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature: [Signature] Date: 3/20/14

I hereby certify that the above named material was transported from the above listed location.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature] Signature: [Signature] Receipt Date: 3/20/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 245

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
19 Contaminated Soil	14-0213-031	----	BULK	17.98 17.92	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: [Signature] Shipment Date: 3/20/14

TRANSPORTER			
Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>Robert Y. [Signature]</u>	Driver Name	
Truck No.	19	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.		I hereby certify that the above named material was transported from the above listed location.	
Signature	<u>[Signature]</u>	Signature	
Date	<u>3-20-14</u>	Date	

DISPOSAL SITE	
Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature] Signature: [Signature] Receipt Date: 3/20/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 246

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
55 Contaminated Soil	14-0213-031	----	BULK	18.62 <del>18.61</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: [Signature] Shipment Date: 3/20/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter Young Trucking		Name of Transporter	
Address 8262 E State Road 45, Unionville, IN 47468		Address	
Driver Name <u>Adam Harris</u>		Driver Name	
Truck No. <u>55</u>	Telephone No. 812-332-0403	Truck No.	Telephone No.
I hereby certify that the above named material was transported from the above listed location. Signature: <u>[Signature]</u> Date: <u>3/20/14</u>		I hereby certify that the above named material was transported from the above listed location. Signature: _____ Date: _____	

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature] Signature: [Signature] Receipt Date: 3/20/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 247

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
				18.53	
<u>22</u> Contaminated Soil	14-0213-031	----	BULK	<u>18.57</u>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: [Signature] Shipment Date: 3/20/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>CARL DAVIS</u>	Driver Name	
Truck No.	<u>22</u>	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature: <u>[Signature]</u> Date: <u>3/20/14</u>	I hereby certify that the above named material was transported from the above listed location. Signature: _____ Date: _____		

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.  
Print Name: [Signature] Signature: [Signature] Receipt Date: 3/20/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 248

64080

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
Contaminated Soil	14-0213-031	-----	BULK	17.83	Tons
				17.98	

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: [Signature] Shipment Date: 3/20/14

TRANSPORTER			
Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>Jimmy Wabrip</u>	Driver Name	
Truck No.	Telephone No. 812-332-0403	Truck No.	Telephone No.
I hereby certify that the above named material was transported from the above listed location.		I hereby certify that the above named material was transported from the above listed location.	
Signature	<u>[Signature]</u> Date <u>3-20-14</u>	Signature	Date

DISPOSAL SITE	
Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature] Signature: [Signature] Receipt Date: 3/20/14

62100031



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 249

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
56 Contaminated Soil	14-0213-031	----	BULK	19.77 <del>19.98</del>	Tons

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent      Signature: *Thomas J. Brent*      Shipment Date: 3/20/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter Young Trucking		Name of Transporter	
Address 8262 E State Road 45, Unionville, IN 47468		Address	
Driver Name <u><i>Paul Roberts</i></u>		Driver Name	
Truck No. <u>56</u>	Telephone No. 812-332-0403	Truck No.	Telephone No.
I hereby certify that the above named material was transported from the above listed location. Signature: <u><i>Paul Roberts</i></u> Date: <u>3-20-14</u>		I hereby certify that the above named material was transported from the above listed location. Signature: _____      Date: _____	

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: *J. P. [unclear]*      Signature: *[unclear]*      Receipt Date: 3/20/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 250

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
				18.33	
45 Contaminated Soil	14-0213-031	----	BULK	<del>18.42</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: [Signature] Shipment Date: 3/20/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter Young Trucking		Name of Transporter	
Address 8262 E State Road 45, Unionville, IN 47468		Address	
Driver Name <u>Bob Gerwin</u>		Driver Name	
Truck No. <u>45</u>	Telephone No. 812-332-0403	Truck No.	Telephone No.
I hereby certify that the above named material was transported from the above listed location. Signature: <u>[Signature]</u> Date: <u>3-20-14</u>		I hereby certify that the above named material was transported from the above listed location. Signature: _____ Date: _____	

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature] Signature: [Signature] Receipt Date: 3/20/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 251

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
50 Contaminated Soil	14-0213-031	----	BULK	15.15 <del>15.14</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: [Signature] Shipment Date: 3/20/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter Young Trucking		Name of Transporter	
Address 8262 E State Road 45, Unionville, IN 47468		Address	
Driver Name <u>JIM GILLASPY</u>		Driver Name	
Truck No.	Telephone No. 812-332-0403	Truck No.	Telephone No.
I hereby certify that the above named material was transported from the above listed location. Signature: <u>[Signature]</u> Date: <u>3-20-14</u>		I hereby certify that the above named material was transported from the above listed location. Signature: _____ Date: _____	

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature] Signature: [Signature] Receipt Date: 3/20/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 252

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
18 Contaminated Soil	14-0213-031	----	BULK	18.70 <del>18.80</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: [Signature] Shipment Date: 3/20/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>DOUG HANNA</u>	Driver Name	
Truck No.	<u>18</u>	Truck No.	
Telephone No.	812-332-0403	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature: [Signature] Date: 3-20-14

I hereby certify that the above named material was transported from the above listed location.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature] Signature: [Signature] Receipt Date: 3/20/14

60520



## NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 253

UXO 7 (ORR)

## GENERATOR

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
34 Contaminated Soil	14-0213-031	----	BULK	16.86	Tons
					16.84

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name

Signature

Shipment Date

Thomas J. Brent

3/20/14

## TRANSPORTER

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	David Epeards	Driver Name	
Truck No.	34	Truck No.	
Telephone No.	812-332-0403	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature

Date

3-20-14

I hereby certify that the above named material was transported from the above listed location.

Signature

Date

## DISPOSAL SITE

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name

Signature

Receipt Date

L. Curry

3-20-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 254

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
33 Contaminated Soil	14-0213-031	----	BULK	17.12	Tons
					17.07

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: [Signature] Shipment Date: 3/20/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter Young Trucking		Name of Transporter	
Address 8262 E State Road 45, Unionville, IN 47468		Address	
Driver Name <u>ROBERT SUMMITT</u>		Driver Name	
Truck No. <u>33</u>	Telephone No. 812-332-0403	Truck No.	Telephone No.

I hereby certify that the above named material was transported from the above listed location.

Signature: [Signature] Date: 3/20/2014

I hereby certify that the above named material was transported from the above listed location.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: L. Curry Signature: [Signature] Receipt Date: 3-20-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 255

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Address	
300 Highway 361, Crane, IN 47522	
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Disposal Site Address	
546 S. CR 870 West Medora, IN 47260	

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
11 Contaminated Soil	14-0213-031	----	BULK	17.99	Tons
					17.67

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: [Signature] Shipment Date: 3/20/14

TRANSPORTER			
Transporter 1		Transporter 2	
Name of Transporter		Name of Transporter	
Young Trucking			
Address		Address	
8262 E State Road 45, Unionville, IN 47468			
Driver Name		Driver Name	
Chris Heul			
Truck No.	Telephone No.	Truck No.	Telephone No.
11	812-332-0403		
I hereby certify that the above named material was transported from the above listed location.		I hereby certify that the above named material was transported from the above listed location.	
Signature	Date	Signature	Date
[Signature]	3-20-14		

DISPOSAL SITE	
Site Name	Medora Landfill
Address	
546 S. CR 870 West Medora, IN 47260	
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: L. Curry Signature: [Signature] Receipt Date: 3-20-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 256

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
19 Contaminated Soil	14-0213-031	----	BULK	18.89	Tons
					18.89

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: [Signature] Shipment Date: 3/20/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter Young Trucking		Name of Transporter	
Address 8262 E State Road 45, Unionville, IN 47468		Address	
Driver Name <u>Robert Yalson</u>		Driver Name	
Truck No. <u>19</u>	Telephone No. 812-332-0403	Truck No.	Telephone No.

I hereby certify that the above named material was transported from the above listed location.

Signature: [Signature] Date: 3-20-14

I hereby certify that the above named material was transported from the above listed location.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: L. Curry Signature: [Signature] Receipt Date: 3-20-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 257

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Address	
300 Highway 361, Crane, IN 47522	
Generating Location	
300 Highway 361, Crane, IN 47522	
Disposal Site Name	Medora Landfill
Disposal Site Address	
546 S. CR 870 West Medora, IN 47260	
Tel. No. 812-854-6160	
Tel. No. 812-966-2017	

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
54 Contaminated Soil	14-0213-031	----	BULK	23.06	Tons
					22.73

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: [Signature] Shipment Date: 3/20/14

TRANSPORTER			
Transporter 1		Transporter 2	
Name of Transporter		Name of Transporter	
Young Trucking			
Address		Address	
8262 E State Road 45, Unionville, IN 47468			
Driver Name		Driver Name	
CURTIS L. DECKWARD			
Truck No.	Telephone No.	Truck No.	Telephone No.
54	812-332-0403		
I hereby certify that the above named material was transported from the above listed location.		I hereby certify that the above named material was transported from the above listed location.	
Signature: <u>[Signature]</u> Date: <u>3/20/14</u>		Signature: _____ Date: _____	

DISPOSAL SITE	
Site Name	Medora Landfill
Address	
546 S. CR 870 West Medora, IN 47260	
Telephone No. 812-966-2017	

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: L. Curtis Signature: [Signature] Receipt Date: 3-20-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 258

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
<u>22</u> Contaminated Soil	14-0213-031	----	BULK	<u>21.03</u> <u>21.14</u>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: [Signature] Shipment Date: 3/20/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter Young Trucking		Name of Transporter	
Address 8262 E State Road 45, Unionville, IN 47468		Address	
Driver Name <u>Carl Davis</u>		Driver Name	
Truck No. <u>22</u>	Telephone No. 812-332-0403	Truck No.	Telephone No.
I hereby certify that the above named material was transported from the above listed location. Signature: <u>[Signature]</u> Date: <u>3/20/14</u>		I hereby certify that the above named material was transported from the above listed location. Signature: _____ Date: _____	

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature] Signature: [Signature] Receipt Date: 3/20/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 259

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
55 Contaminated Soil	14-0213-031	----	BULK	20.34	Tons

## Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent      Signature: [Signature]      Shipment Date: 3/20/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter Young Trucking		Name of Transporter	
Address 8262 E State Road 45, Unionville, IN 47468		Address	
Driver Name <u>Adam Harris</u>		Driver Name	
Truck No. <u>55</u>	Telephone No. 812-332-0403	Truck No.	Telephone No.
I hereby certify that the above named material was transported from the above listed location. Signature: <u>[Signature]</u> Date: <u>3/20/14</u>		I hereby certify that the above named material was transported from the above listed location. Signature: _____      Date: _____	

**DISPOSAL SITE**

Site Name	Medora Landfill		
Address	546 S. CR 870 West Medora, IN 47260	Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature]      Signature: [Signature]      Receipt Date: 3/20/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 260

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
1 Contaminated Soil	14-0213-031	----	BULK	21.48	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: Thomas J. Brent Shipment Date: 3/20/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter Young Trucking		Name of Transporter	
Address 8262 E State Road 45, Unionville, IN 47468		Address	
Driver Name <u>Jimmy Waktrip</u>		Driver Name	
Truck No. 1	Telephone No. 812-332-0403	Truck No.	Telephone No.
I hereby certify that the above named material was transported from the above listed location. Signature: <u>Jimmy Waktrip</u> Date: <u>3-20-14</u>		I hereby certify that the above named material was transported from the above listed location. Signature: _____ Date: _____	

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: J. Peck Signature: \_\_\_\_\_ Receipt Date: 3/20/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 261

UXO 7 (ORR)

GENERATOR					
Generator Name NSA Crane			Tel. No. 812-854-6160		
Address 300 Highway 361, Crane, IN 47522					
Generating Location 300 Highway 361, Crane, IN 47522					
Disposal Site Name Medora Landfill			Tel. No. 812-966-2017		
Disposal Site Address 546 S. CR 870 West Medora, IN 47260					
For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)					
Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
50 Contaminated Soil	14-0213-031	----	BULK	17.42 17.56	Tons
Special Handling and/or Additional Information					
GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.					
Print/Type Name		Signature		Shipment Date	
Thomas J. Brent				3/20/14	
TRANSPORTER					
Transporter 1			Transporter 2		
Name of Transporter Young Trucking			Name of Transporter		
Address 8262 E State Road 45, Unionville, IN 47468			Address		
Driver Name Jim Gillaspay			Driver Name		
Truck No. 50	Telephone No. 812-332-0403		Truck No.	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature  Date 3-20-14			I hereby certify that the above named material was transported from the above listed location. Signature _____ Date _____		
DISPOSAL SITE					
Site Name Medora Landfill			Telephone No. 812-966-2017		
Address 546 S. CR 870 West Medora, IN 47260					
Discrepancies:					
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
Print Name		Signature		Receipt Date	
				3/20/14	



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 262

UXO 7 (ORR)

GENERATOR					
Generator Name NSA Crane			Tel. No. 812-854-6160		
Address 300 Highway 361, Crane, IN 47522					
Generating Location 300 Highway 361, Crane, IN 47522					
Disposal Site Name Medora Landfill			Tel. No. 812-966-2017		
Disposal Site Address 546 S. CR 870 West Medora, IN 47260					
For each waste below, provide the <b>Rumpke approval number</b> , the <b>total number of containers</b> , <b>container type</b> (i.e. drum, tote, bulk), <b>total quantity of waste</b> , and <b>units in tons (TONS), cubic yards (CY), or gallons (GAL)</b>					
Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
<u>45</u> Contaminated Soil	14-0213-031	----	BULK	<u>20.23</u> <u>20.45</u>	Tons
Special Handling and/or Additional Information					
GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.					
Print/Type Name		Signature		Shipment Date	
<u>Thomas J. Brent</u>		<u>[Signature]</u>		<u>3/20/14</u>	
TRANSPORTER					
Transporter 1			Transporter 2		
Name of Transporter Young Trucking			Name of Transporter		
Address 8262 E State Road 45, Unionville, IN 47468			Address		
Driver Name <u>Bob Terkun</u>			Driver Name		
Truck No.	Telephone No. 812-332-0403		Truck No.	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.			I hereby certify that the above named material was transported from the above listed location.		
Signature <u>[Signature]</u>		Date <u>3-20-14</u>	Signature		Date
DISPOSAL SITE					
Site Name Medora Landfill			Telephone No. 812-966-2017		
Address 546 S. CR 870 West Medora, IN 47260					
Discrepancies:					
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
Print Name <u>[Signature]</u>		Signature <u>[Signature]</u>		Receipt Date <u>3/20/14</u>	



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 263

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Address	
300 Highway 361, Crane, IN 47522	
Generating Location	
300 Highway 361, Crane, IN 47522	
Disposal Site Name	Medora Landfill
Disposal Site Address	
546 S. CR 870 West Medora, IN 47260	

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
34 Contaminated Soil	14-0213-031	----	BULK	15.40 <del>15.53</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: [Signature] Shipment Date: 3/20/14

TRANSPORTER			
Transporter 1		Transporter 2	
Name of Transporter		Name of Transporter	
Young Trucking			
Address		Address	
8262 E State Road 45, Unionville, IN 47468			
Driver Name		Driver Name	
Dave Edwards			
Truck No.	Telephone No.	Truck No.	Telephone No.
34	812-332-0403		
I hereby certify that the above named material was transported from the above listed location.		I hereby certify that the above named material was transported from the above listed location.	
Signature	Date	Signature	Date
Dave Edwards	3-20-14		

DISPOSAL SITE	
Site Name	Medora Landfill
Address	
546 S. CR 870 West Medora, IN 47260	
Telephone No.	
812-966-2017	

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature] Signature: [Signature] Receipt Date: 3/20/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 264

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
18 Contaminated Soil	14-0213-031	----	BULK	17.50 <del>17.72</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name

Signature

Shipment Date

Thomas J. Brent3/20/14**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>DOUG HANNA</u>	Driver Name	
Truck No.	<u>18</u>	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.		I hereby certify that the above named material was transported from the above listed location.	
Signature	<u>Doug Hanna</u>	Signature	
Date	<u>3-20-14</u>	Date	

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name

Signature

Receipt Date

3/20/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 265

UXO 7 (ORR)

GENERATOR			
Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
33 Contaminated Soil	14-0213-031	----	BULK	15-00 15 09	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent      Signature: [Signature]      Shipment Date: 3/20/14

TRANSPORTER			
Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>Robert Summitt</u>	Driver Name	
Truck No.	<u>33</u>	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature: <u>[Signature]</u> Date: <u>3/20/2014</u>	I hereby certify that the above named material was transported from the above listed location. Signature: _____      Date: _____		

DISPOSAL SITE	
Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature]      Signature: [Signature]      Receipt Date: 3/20/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 266

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
11 Contaminated Soil	14-0213-031	-----	BULK	16.77 17.21	Tons

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: [Signature] Shipment Date: 3/20/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>Chris Hew</u>	Driver Name	
Truck No.	<u>11</u>	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature: <u>[Signature]</u> Date: <u>3-20-14</u>	I hereby certify that the above named material was transported from the above listed location. Signature: _____ Date: _____		

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature] Signature: [Signature] Receipt Date: 3/20/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 267

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
19 Contaminated Soil	14-0213-031	----	BULK	16.29 <del>16.92</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: [Signature] Shipment Date: 3/20/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>Robert Yaden</u>	Driver Name	
Truck No.	19	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature: <u>[Signature]</u> Date: <u>3-20-14</u>	I hereby certify that the above named material was transported from the above listed location. Signature: _____ Date: _____		

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature] Signature: [Signature] Receipt Date: 3/20/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 268

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
54 Contaminated Soil	14-0213-031	----	BULK	21.70 <del>22.19</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: [Signature] Shipment Date: 3/20/14

TRANSPORTER			
Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>CURTIS L. DECKARD</u>	Driver Name	
Truck No.	<u>54</u>	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature: <u>[Signature]</u> Date: <u>3/20/14</u>	I hereby certify that the above named material was transported from the above listed location.	Signature: _____ Date: _____

DISPOSAL SITE	
Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature] Signature: [Signature] Receipt Date: 3/20/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 269

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Address	300 Highway 361, Crane, IN 47522
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Disposal Site Address	546 S. CR 870 West Medora, IN 47260

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
18 Contaminated Soil	14-0213-031	----	BULK	18.94	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Bruce      Signature: [Signature]      Shipment Date: 3/24/14

TRANSPORTER

Transporter 1	Transporter 2
Name of Transporter Young Trucking	Name of Transporter
Address 8262 E State Road 45, Unionville, IN 47468	Address
Driver Name <u>Doug Hanna</u>	Driver Name
Truck No. <u>18</u> Telephone No. 812-332-0403	Truck No.      Telephone No.
I hereby certify that the above named material was transported from the above listed location. Signature: <u>Doug Hanna</u> Date: <u>3-23-14</u>	I hereby certify that the above named material was transported from the above listed location. Signature      Date

DISPOSAL SITE

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature]      Signature: [Signature]      Receipt Date: 3/24/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 270

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units** in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
<u>19</u> Contaminated Soil	14-0213-031	----	BULK	<u>19-16</u> <u>19-24</u>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
<u>Thomas J. Bruce</u>	<u>[Signature]</u>	<u>3/24/14</u>

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>Robert Yaden</u>	Driver Name	
Truck No.	<u>19</u>	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	I hereby certify that the above named material was transported from the above listed location.	Signature	Date
<u>[Signature]</u>	<u>[Signature]</u>		<u>3-24-14</u>

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
<u>[Signature]</u>	<u>[Signature]</u>	<u>3/24/14</u>



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 271

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
45 Contaminated Soil	14-0213-031	----	BULK	17.89 18.05	Tons

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brown		3/24/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter Young Trucking		Name of Transporter	
Address 8262 E State Road 45, Unionville, IN 47468		Address	
Driver Name Job Ferron		Driver Name	
Truck No. 45	Telephone No. 812-332-0403	Truck No.	Telephone No.
I hereby certify that the above named material was transported from the above listed location. Signature:  Date: 3-24-14		I hereby certify that the above named material was transported from the above listed location. Signature: _____ Date: _____	

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
Stetter		3/24/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 272

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
50 Contaminated Soil	14-0213-031	-----	BULK	16.77 16.85	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
<i>Thomas J. Bruce</i>	<i>[Signature]</i>	3/24/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<i>TIM GILLASPY</i>	Driver Name	
Truck No.	50	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature <i>[Signature]</i> Date <i>3-24-14</i>		I hereby certify that the above named material was transported from the above listed location. Signature _____ Date _____	

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
<i>[Signature]</i>	<i>[Signature]</i>	3/24/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 273

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units** in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
11 Contaminated Soil	14-0213-031	----	BULK	17.28 17.64	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
<i>Thomas J. Bruce</i>	<i>[Signature]</i>	3/24/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<i>Chris Hall</i>	Driver Name	
Truck No.	11	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	I hereby certify that the above named material was transported from the above listed location.		
Signature	<i>[Signature]</i>	Signature	
Date	3-24-14	Date	

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
<i>[Signature]</i>	<i>[Signature]</i>	3/24/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 274

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
19 Contaminated Soil	14-0213-031	----	BULK	17.18	Tons
					17.22

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brown  
 Signature:   
 Shipment Date: 3/25/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Robert Yader	Driver Name	
Truck No.	19	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature: Date: 3-25-14		I hereby certify that the above named material was transported from the above listed location. Signature: _____ Date: _____	

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: L. Curry  
 Signature:   
 Receipt Date: 3-25-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 275

UXO 7 (ORR)

GENERATOR					
Generator Name	NSA Crane			Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522				
Generating Location	300 Highway 361, Crane, IN 47522				
Disposal Site Name	Medora Landfill			Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260				
For each waste below, provide the <b>Rumpke approval number</b> , the <b>total number of containers</b> , <b>container type</b> (i.e. drum, tote, bulk), <b>total quantity of waste</b> , and <b>units</b> in tons (TONS), cubic yards (CY), or gallons (GAL)					
Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
<u>50</u> Contaminated Soil	14-0213-031	----	BULK	<u>16-77</u> <u>16.93</u>	Tons
Special Handling and/or Additional Information					
GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.					
Print/Type Name <u>Thomas J. Bruce</u>			Signature <u>[Signature]</u>		Shipment Date <u>3/25/14</u>
TRANSPORTER					
Transporter 1			Transporter 2		
Name of Transporter Young Trucking			Name of Transporter		
Address 8262 E State Road 45, Unionville, IN 47468			Address		
Driver Name <u>JIM GILLASPY</u>			Driver Name		
Truck No. <u>50</u>	Telephone No. 812-332-0403		Truck No.	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature <u>[Signature]</u> Date <u>3-25-14</u>			I hereby certify that the above named material was transported from the above listed location. Signature _____ Date _____		
DISPOSAL SITE					
Site Name	Medora Landfill				
Address	546 S. CR 870 West Medora, IN 47260			Telephone No.	812-966-2017
Discrepancies:					
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
Print Name <u>[Signature]</u>		Signature <u>[Signature]</u>		Receipt Date <u>3/25/14</u>	



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 276

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units** in tons (TONS), cubic yards (CY), or gallons (GAL.)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
11 Contaminated Soil	14-0213-031	----	BULK	14.34 16.51	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print Type Name: Thomas J. Brien  
Signature: [Signature]  
Shipment Date: 3/25/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E. State Road 45, Unionville, IN 47468	Address	
Driver Name	Chris Hew	Driver Name	
Truck No.	11	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature: [Signature] Date: 3-25-14		I hereby certify that the above named material was transported from the above listed location. Signature: [Signature] Date:	

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature]  
Signature: [Signature]  
Receipt Date: 3/25/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 277

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, container type (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
				16.77	
49 Contaminated Soil	14-0213-031	----	BULK	16.76	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print Type Name \_\_\_\_\_ Signature \_\_\_\_\_ Shipment Date \_\_\_\_\_

Thomas J. Brewer

3/25/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Jimmy Waldrip	Driver Name	
Truck No.	49	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.		I hereby certify that the above named material was transported from the above listed location.	
Signature		Signature	
Date	3-25-14	Date	

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name \_\_\_\_\_ Signature \_\_\_\_\_

JP Pfeffer

Receipt Date

3/25/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 278

UXO 7 (ORR)

GENERATOR					
Generator Name	NSA Crane	Tel. No.		812-854-6160	
Address	300 Highway 361, Crane, IN 47522				
Generating Location	300 Highway 361, Crane, IN 47522				
Disposal Site Name	Medora Landfill	Tel. No.		812-966-2017	
Disposal Site Address	546 S. CR 870 West Medora, IN 47260				
For each waste below, provide the <b>Rumpke approval number</b> , the <b>total number of containers</b> , <b>container type</b> (i.e. drum, tote, bulk), <b>total quantity of waste</b> , and <b>units</b> in tons (TONS), cubic yards (CY), or gallons (GAL)					
Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
33 Contaminated Soil	14-0213-031	---	BULK	17.51	Tons
					17.54
Special Handling and/or Additional Information					
GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.					
Print Type Name		Signature		Shipment Date	
Thomas J. Brien				3/25/14	
TRANSPORTER					
Transporter 1			Transporter 2		
Name of Transporter			Name of Transporter		
Young Trucking					
Address			Address		
8262 E State Road 45, Unionville, IN 47468					
Driver Name			Driver Name		
ROBERT SUMMITT					
Truck No.		Telephone No.	Truck No.		Telephone No.
33		812-332-0403			
I hereby certify that the above named material was transported from the above listed location.			I hereby certify that the above named material was transported from the above listed location.		
Signature		Date	Signature		Date
		3/25/14			
DISPOSAL SITE					
Site Name	Medora Landfill				
Address	546 S. CR 870 West Medora, IN 47260		Telephone No. 812-966-2017		
Discrepancies:					
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
Print Name		Signature		Receipt Date	
L. Curry				3-25-14	



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 279

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
19 Contaminated Soil	14-0213-031	----	BULK	14.64 14.64	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brown		3/25/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Robert Yaden	Driver Name	
Truck No.	19	Truck No.	
Telephone No.	812-332-0403	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.	I hereby certify that the above named material was transported from the above listed location.
Signature	Signature
Date 3-25-14	Date

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
		3/25/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 280

UXO 7 (ORR)

GENERATOR					
Generator Name NSA Crane			Tel. No. 812-854-6160		
Address 300 Highway 361, Crane, IN 47522					
Generating Location 300 Highway 361, Crane, IN 47522					
Disposal Site Name Medora Landfill			Tel. No. 812-966-2017		
Disposal Site Address 546 S. CR 870 West Medora, IN 47260					
For each waste below, provide the <b>Rumpke approval number</b> , the <b>total number of containers</b> , <b>container type</b> (i.e. drum, tote, bulk), <b>total quantity of waste</b> , and <b>units in tons (TONS), cubic yards (CY), or gallons (GAL)</b>					
Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
50 Contaminated Soil	14-0213-031	----	BULK	15.60 <del>15.65</del>	Tons
Special Handling and/or Additional Information					
GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.					
Print Name <i>Thomas J. Brien</i>		Signature <i>[Signature]</i>		Shipment Date 3/25/14	
TRANSPORTER					
Transporter 1			Transporter 2		
Name of Transporter Young Trucking			Name of Transporter		
Address 8262 E. State Road 45, Unionville, IN 47468			Address		
Driver Name <i>JIM GILLASPY</i>			Driver Name		
Truck No. 50	Telephone No. 812-332-0403		Truck No.	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature <i>Jim Gillaspay</i> Date 3-25-14			I hereby certify that the above named material was transported from the above listed location. Signature _____ Date _____		
DISPOSAL SITE					
Site Name Medora Landfill			Telephone No. 812-966-2017		
Address 546 S. CR 870 West Medora, IN 47260					
Discrepancies:					
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
Print Name <i>J. Hefke</i>		Signature <i>[Signature]</i>		Receipt Date 3/25/14	



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 281

UXO 7 (ORR)

GENERATOR					
Generator Name	NSA Crane	Tel. No.		812-854-6160	
Address	300 Highway 361, Crane, IN 47522				
Generating Location	300 Highway 361, Crane, IN 47522				
Disposal Site Name	Medora Landfill	Tel. No.		812-966-2017	
Disposal Site Address	546 S. CR 870 West Medora, IN 47260				
For each waste below, provide the <b>Rumpke approval number</b> , the <b>total number of containers</b> , container type (i.e. drum, tote, bulk), <b>total quantity of waste</b> , and <b>units in tons (TONS), cubic yards (CY), or gallons (GAL)</b>					
Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
11 Contaminated Soil	14-0213-031	----	BULK	16.16 <del>16.46</del>	Tons
Special Handling and/or Additional Information					
GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.					
Print Type Name		Signature		Shipment Date	
Thomas J Bruce				3/25/14	
TRANSPORTER					
Transporter 1			Transporter 2		
Name of Transporter			Name of Transporter		
Young Trucking					
Address			Address		
8262 E. State Road 45, Unionville, IN 47468					
Driver Name			Driver Name		
Chris Head					
Truck No.		Telephone No.		Telephone No.	
11		812-332-0403			
I hereby certify that the above named material was transported from the above listed location.			I hereby certify that the above named material was transported from the above listed location.		
Signature		Date		Date	
		3-25-14			
DISPOSAL SITE					
Site Name	Medora Landfill				
Address	546 S. CR 870 West Medora, IN 47260		Telephone No. 812-966-2017		
Discrepancies:					
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
Print Name		Signature		Receipt Date	
				3/25/14	



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 282

UXO 7 (ORR)

GENERATOR					
Generator Name	NSA Crane			Tel. No. 812-854-6160	
Address	300 Highway 361, Crane, IN 47522				
Generating Location	300 Highway 361, Crane, IN 47522				
Disposal Site Name	Medora Landfill			Tel. No. 812-966-2017	
Disposal Site Address	546 S. CR 870 West Medora, IN 47260				
For each waste below, provide the <b>Rumpke approval number</b> , the <b>total number of containers</b> , container type (i.e. drum, tote, bulk), <b>total quantity of waste</b> , and <b>units in tons (TONS), cubic yards (CY), or gallons (GAL)</b>					
Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
49 Contaminated Soil	14-0213-031	----	BULK	16.30 76.75	Tons
Special Handling and/or Additional Information					
GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.					
Print Name <i>Thomas J. Brown</i>			Signature <i>[Signature]</i>		Shipment Date 3/25/14
TRANSPORTER					
Transporter 1			Transporter 2		
Name of Transporter Young Trucking			Name of Transporter		
Address 8262 E State Road 45, Unionville, IN 47468			Address		
Driver Name <i>Jimmy Walchrip</i>			Driver Name		
Truck No. 49		Telephone No. 812-332-0403	Truck No.		Telephone No.
I hereby certify that the above named material was transported from the above listed location. Signature <i>Jimmy Walchrip</i> Date 3-25-14			I hereby certify that the above named material was transported from the above listed location. Signature _____ Date _____		
DISPOSAL SITE					
Site Name Medora Landfill			Telephone No. 812-966-2017		
Address 546 S. CR 870 West Medora, IN 47260					
Discrepancies:					
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
Print Name <i>[Signature]</i>		Signature <i>[Signature]</i>		Receipt Date 3/25/14	



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 283

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane Tel. No. 812-854-6160
Address 300 Highway 361, Crane, IN 47522	
Generating Location 300 Highway 361, Crane, IN 47522	
Disposal Site Name	Medora Landfill Tel. No. 812-966-2017
Disposal Site Address 546 S. CR 870 West Medora, IN 47260	

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units** in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
33 Contaminated Soil	14-0213-031	----	BULK	17.30 17.41	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print Type Name: Thomas J. Brown  
 Signature:   
 Shipment Date: 3/25/14

### TRANSPORTER

Transporter 1		Transporter 2	
Name of Transporter Young Trucking		Name of Transporter	
Address 8262 E. State Road 45, Unionville, IN 47468		Address	
Driver Name ROBERT SUMMITT		Driver Name	
Truck No. 33	Telephone No. 812-332-0403	Truck No.	Telephone No.

I hereby certify that the above named material was transported from the above listed location.

Signature:   
 Date: 3/25/2014

I hereby certify that the above named material was transported from the above listed location.

Signature: \_\_\_\_\_  
 Date: \_\_\_\_\_

### DISPOSAL SITE

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name:   
 Signature:   
 Receipt Date: 3/25/14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 284

UXO 7 (ORR)

GENERATOR					
Generator Name	NSA Crane			Tel. No. 812-854-6160	
Address	300 Highway 361, Crane, IN 47522				
Generating Location	300 Highway 361, Crane, IN 47522				
Disposal Site Name	Medora Landfill			Tel. No. 812-966-2017	
Disposal Site Address	546 S. CR 870 West Medora, IN 47260				
For each waste below, provide the <b>Rumpke approval number</b> , the <b>total number of containers</b> , <b>container type</b> (i.e. drum, tote, bulk), <b>total quantity of waste</b> , and <b>units</b> in tons (TONS), cubic yards (CY), or gallons (GAL)					
Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
18 Contaminated Soil	14-0213-031	----	BULK	16.24	Tons
					16.21
Special Handling and/or Additional Information					
GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.					
Print/Type Name		Signature		Shipment Date	
Thomas, J. Brewer				3/26/19	
TRANSPORTER					
Transporter 1			Transporter 2		
Name of Transporter			Name of Transporter		
Young Trucking					
Address			Address		
8262 E. State Road 45, Unionville, IN 47468					
Driver Name			Driver Name		
DOUG HANNA					
Truck No.	Telephone No.		Truck No.	Telephone No.	
18	812-332-0403				
I hereby certify that the above named material was transported from the above listed location.			I hereby certify that the above named material was transported from the above listed location.		
Signature		Date	Signature		Date
		3-26-19			
DISPOSAL SITE					
Site Name	Medora Landfill				
Address	546 S. CR 870 West Medora, IN 47260			Telephone No. 812-966-2017	
Discrepancies:					
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
Print Name		Signature		Receipt Date	
L. Curry				3-26-19	



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 285

UXO 7 (ORR)

GENERATOR					
Generator Name NSA Crane			Tel. No. 812-854-6160		
Address 300 Highway 361, Crane, IN 47522					
Generating Location 300 Highway 361, Crane, IN 47522					
Disposal Site Name Medora Landfill			Tel. No. 812-966-2017		
Disposal Site Address 546 S. CR 870 West Medora, IN 47260					
For each waste below, provide the <b>Rumpke approval number</b> , the <b>total number of containers</b> , <b>container type</b> (i.e. drum, tote, bulk), <b>total quantity of waste</b> , and <b>units</b> in tons (TONS), cubic yards (CY), or gallons (GAL)					
Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
19 Contaminated Soil	14-0213-031	----	BULK	16.25	Tons
Special Handling and/or Additional Information					
GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.					
Print Type Name <i>Thomas J. Brew</i>			Signature <i>[Signature]</i>		Shipment Date <i>3/26/14</i>
<b>TRANSPORTER</b>					
Transporter 1			Transporter 2		
Name of Transporter Young Trucking			Name of Transporter		
Address 8262 E. State Road 45, Unionville, IN 47468			Address		
Driver Name <i>Robert Y...</i>			Driver Name		
Truck No. 19	Telephone No. 812-332-0403		Truck No.	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature <i>[Signature]</i> Date <i>3-26-14</i>			I hereby certify that the above named material was transported from the above listed location. Signature _____ Date _____		
<b>DISPOSAL SITE</b>					
Site Name Medora Landfill			Telephone No. 812-966-2017		
Address 546 S. CR 870 West Medora, IN 47260					
Discrepancies:					
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
Print Name <i>L. Curry</i>		Signature <i>[Signature]</i>		Receipt Date <i>3-26-14</i>	



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 286

UXO 7 (ORR)

### GENERATOR

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units** in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
11 Contaminated Soil	14-0213-031	----	BULK	17.32	Tons
					17.1

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brien  
 Signature: *[Signature]*  
 Shipment Date: 3/26/14

### TRANSPORTER

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Chris Head	Driver Name	
Truck No.	11	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature: <i>[Signature]</i> Date: 3-26-14	I hereby certify that the above named material was transported from the above listed location. Signature: _____ Date: _____		

### DISPOSAL SITE

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: L. Curry  
 Signature: *[Signature]*  
 Receipt Date: 3-26-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 287

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
11 Contaminated Soil	14-0213-031	----	BULK	16.92	Tons
					17.04

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Bruce Signature: [Signature] Shipment Date: 3/26/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Chris Head	Driver Name	
Truck No.	11	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature: <u>[Signature]</u> Date: <u>3-26-14</u>	I hereby certify that the above named material was transported from the above listed location. Signature: _____ Date: _____		

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: L. Curry Signature: [Signature] Receipt Date: 3-26-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 288

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
19 Contaminated Soil	14-0213-031	----	BULK	17.82	Tons
					18.00

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J Bruce	<i>[Signature]</i>	3/26/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Robert Yader	Driver Name	
Truck No.	19	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	I hereby certify that the above named material was transported from the above listed location.		
Signature	<i>[Signature]</i>	Signature	
Date	3-26-14	Date	

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
L. Curry	<i>[Signature]</i>	3-26-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 289

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
49 Contaminated Soil	14-0213-031	----	BULK	17.98	Tons
					18.07

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brice  
Signature: *Thomas J. Brice*  
Shipment Date: 3/26/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E. State Road 45, Unionville, IN 47468	Address	
Driver Name	Jimmy Waterrip	Driver Name	
Truck No.	49	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature: <i>Jimmy Waterrip</i> Date: 3-26-14	I hereby certify that the above named material was transported from the above listed location.	Signature: _____ Date: _____

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: L Curry  
Signature: *L Curry*  
Receipt Date: 3-26-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 290

UXO 7 (ORR)

### GENERATOR

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
50 Contaminated Soil	14-0213-031	-----	BULK	17.05	Tons
					17.14

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J Bruce		3/26/14

### TRANSPORTER

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	JIM GILLASPY	Driver Name	
Truck No.	50	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature  Date 3-26-14	I hereby certify that the above named material was transported from the above listed location.	Signature _____ Date _____

### DISPOSAL SITE

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
L. Curry		3-26-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 291

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
54 Contaminated Soil	14-0213-031	----	BULK	18.17	Tons
					17.8

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brown		3/26/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E. State Road 45, Unionville, IN 47468	Address	
Driver Name	CURTIS L. DECKARD	Driver Name	
Truck No.	54	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature:  Date: 3/26/14	I hereby certify that the above named material was transported from the above listed location.	Signature: _____ Date: _____

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
L. Curry		3-26-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 292

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
18 Contaminated Soil	14-0213-031	----	BULK	16.49	Tons
					16.24

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J Bruce		3/26/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E. State Road 45, Unionville, IN 47468	Address	
Driver Name	DOUG HANNA	Driver Name	
Truck No.	18	Truck No.	
Telephone No.	812-332-0403	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature	Date
Doug Hanna	3-26-14

I hereby certify that the above named material was transported from the above listed location.

Signature	Date

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
L. Curry		3-26-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 293

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
55 Contaminated Soil	14-0213-031	----	BULK	19.16	Tons
					18.94

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. B...	<i>[Signature]</i>	3/26/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Adam Harris	Driver Name	
Truck No.	55	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature <i>Adam Harris</i>	I hereby certify that the above named material was transported from the above listed location.	Signature <i>[Signature]</i>
	Date 3/26/14		Date

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
L. Curry	<i>[Signature]</i>	3-26-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 294

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
11 Contaminated Soil	14-0213-031	----	BULK	19.02	Tons
					18.63

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J Brown		3/26/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Chris Hew	Driver Name	
Truck No.	11	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature	I hereby certify that the above named material was transported from the above listed location.	Signature
	Date 3-26-14		Date

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
L Curry		3-26-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 295

UXO 7 (ORR)

### GENERATOR

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
19 Contaminated Soil	14-0213-031	----	BULK	20.93	Tons
					20.82

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J Bruce  
 Signature: *Thomas J Bruce*  
 Shipment Date: 3/26/14

### TRANSPORTER

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Robert Yadow	Driver Name	
Truck No.	19	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature: <i>R. L. Y</i> Date: 3-26-14	I hereby certify that the above named material was transported from the above listed location.	Signature: _____ Date: _____

### DISPOSAL SITE

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: L. Curry  
 Signature: *L. Curry*  
 Receipt Date: 3-26-14

58160



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INDUSTRIAL WASTE MANIFEST

Manifest #: 296

UXO 7 (ORR)

COPY

GENERATOR	
Generator Name	NSA Crane
Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
19 Contaminated Soil	14-0213-031	----	BULK	16.11 <del>16.02</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent  
 Signature: *Thomas J. Brent*  
 Shipment Date: 4/15/14

TRANSPORTER	
Transporter 1	Transporter 2
Name of Transporter	Name of Transporter
Young Trucking	
Address	Address
8262 E State Road 45, Unionville, IN 47468	
Driver Name	Driver Name
Robert Yalva	
Truck No.	Telephone No.
19	812-332-0403

I hereby certify that the above named material was transported from the above listed location.  
 Signature: *R. Yalva* Date: 4-15-14

DISPOSAL SITE	
Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.  
 Print Name: *J. Medora*  
 Signature: *[Signature]*  
 Receipt Date: 4-15-14



# CODY

62740

## NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 297

UXO 7 (ORR)

GENERATOR					
Generator Name	NSA Crane			Tel. No. 812-854-6160	
Address	300 Highway 361, Crane, IN 47522				
Generating Location	300 Highway 361, Crane, IN 47522				
Disposal Site Name	Medora Landfill			Tel. No. 812-966-2017	
Disposal Site Address	546 S. CR 870 West Medora, IN 47260				
For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)					
Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
56 Contaminated Soil	14-0213-031	----	BULK	17.40 17.49	Tons
Special Handling and/or Additional Information					
GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.					
Print/Type Name		Signature		Shipment Date	
Thomas J. Brent				4/15/14	
TRANSPORTER					
Transporter 1			Transporter 2		
Name of Transporter			Name of Transporter		
Young Trucking					
Address			Address		
8262 E State Road 45, Unionville, IN 47468					
Driver Name			Driver Name		
Truck No.	Telephone No.		Truck No.	Telephone No.	
56	812-332-0403				
I hereby certify that the above named material was transported from the above listed location.			I hereby certify that the above named material was transported from the above listed location.		
Signature		Date	Signature		Date
		4-15-14			
DISPOSAL SITE					
Site Name	Medora Landfill				
Address	546 S. CR 870 West Medora, IN 47260			Telephone No. 812-966-2017	
Discrepancies:					
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
Print Name		Signature		Receipt Date	
				4-15-14	

51520



**NONHAZARDOUS INDUSTRIAL WASTE MANIFEST**

Manifest #: 298

UXO 7 (ORR)

COPY

GENERATOR	
Generator Name	NSA Crane
Address	300 Highway 361, Crane, IN 47522
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Disposal Site Address	546 S. CR 870 West Medora, IN 47260
Tel. No.	812-854-6160
Tel. No.	812-966-2017

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
138 Contaminated Soil	14-0213-031	----	BULK	15.65 <del>15.89</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent      Signature: Thomas J. Brent      Shipment Date: 4/15/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter		Name of Transporter	
Young Trucking			
Address		Address	
8262 E State Road 45, Unionville, IN 47468			
Driver Name		Driver Name	
<u>Bob Ferron</u>			
Truck No.	Telephone No.	Truck No.	Telephone No.
<u>138</u>	812-332-0403		
I hereby certify that the above named material was transported from the above listed location.		I hereby certify that the above named material was transported from the above listed location.	
Signature	Date	Signature	Date
<u>Robert N. C.</u>	<u>4-15-14</u>		

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: J. H. [Signature]      Signature: [Signature]      Receipt Date: 4-15-14

58780



NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 299

UXO 7 (ORR)

GENERATOR			
Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
49 Contaminated Soil	14-0213-031	----	BULK	15.98	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent  
 Signature: *Thomas J. Brent*  
 Shipment Date: 4/15/14

TRANSPORTER

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<i>Jimmy Wadrip</i>	Driver Name	
Truck No.	49	Truck No.	
Telephone No.	812-332-0403	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature: *Jimmy Wadrip*  
 Date: 4-15-14

I hereby certify that the above named material was transported from the above listed location.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

DISPOSAL SITE

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: *Heff*  
 Signature: *[Signature]*  
 Receipt Date: 4-15-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 300

UXO 7 (ORR)

GENERATOR					
Generator Name NSA Crane			Tel. No. 812-854-6160		
Address 300 Highway 361, Crane, IN 47522					
Generating Location 300 Highway 361, Crane, IN 47522					
Disposal Site Name Medora Landfill			Tel. No. 812-966-2017		
Disposal Site Address 546 S. CR 870 West Medora, IN 47260					
For each waste below, provide the <b>Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)</b>					
Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
50 Contaminated Soil	14-0213-031	----	BULK	16.70 <del>14.78</del> 16.59	Tons
Special Handling and/or Additional Information					
GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.					
Print/Type Name Thomas J. Brent			Signature <i>Thomas J. Brent</i>		Shipment Date 4/15/14
TRANSPORTER					
Transporter 1			Transporter 2		
Name of Transporter Young Trucking			Name of Transporter		
Address 8262 E State Road 45, Unionville, IN 47468			Address		
Driver Name <i>JIM GILLASPY</i>			Driver Name		
Truck No. 50	Telephone No. 812-332-0403		Truck No.	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature <i>Jim Gillaspay</i> Date 4-15-14			I hereby certify that the above named material was transported from the above listed location. Signature _____ Date _____		
DISPOSAL SITE					
Site Name Medora Landfill			Telephone No. 812-966-2017		
Address 546 S. CR 870 West Medora, IN 47260					
Discrepancies:					
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
Print Name <i>J. K. [unclear]</i>			Signature <i>[unclear]</i>		Receipt Date 4-15-14

56460



NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 301

UXO 7 (ORR)

GENERATOR			
Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
11 Contaminated Soil	14-0213-031	----	BULK	14.58 <del>14.78</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
Thomas J. Brent	<i>Thomas J. Brent</i>	4/15/14

TRANSPORTER			
Transporter 1		Transporter 2	
Name of Transporter		Name of Transporter	
Young Trucking			
Address		Address	
8262 E State Road 45, Unionville, IN 47468			
Driver Name		Driver Name	
Chris Hew			
Truck No.	Telephone No.	Truck No.	Telephone No.
11	812-332-0403		
I hereby certify that the above named material was transported from the above listed location.		I hereby certify that the above named material was transported from the above listed location.	
Signature	Date	Signature	Date
<i>[Signature]</i>	4-15-14		

DISPOSAL SITE	
Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
<i>[Signature]</i>	<i>[Signature]</i>	4-15-14

57260



## NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 302

UXO 7 (ORR)

GENERATOR					
Generator Name NSA Crane			Tel. No. 812-854-6160		
Address 300 Highway 361, Crane, IN 47522					
Generating Location 300 Highway 361, Crane, IN 47522					
Disposal Site Name Medora Landfill			Tel. No. 812-966-2017		
Disposal Site Address 546 S. CR 870 West Medora, IN 47260					
For each waste below, provide the <b>Rumpke approval number</b> , the <b>total number of containers</b> , <b>container type</b> (i.e. drum, tote, bulk), <b>total quantity of waste</b> , and <b>units in tons (TONS), cubic yards (CY), or gallons (GAL)</b>					
Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
33 Contaminated Soil	14-0213-031	----	BULK	15-28 15.19	Tons
Special Handling and/or Additional Information					
GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.					
Print/Type Name Thomas J. Brent			Signature <i>Thomas J. Brent</i>		Shipment Date 4/15/14
TRANSPORTER					
Transporter 1			Transporter 2		
Name of Transporter Young Trucking			Name of Transporter		
Address 8262 E State Road 45, Unionville, IN 47468			Address		
Driver Name ROBERT SUMMERTH			Driver Name		
Truck No. 33	Telephone No. 812-332-0403		Truck No.	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.			I hereby certify that the above named material was transported from the above listed location.		
Signature <i>Robert M. Summerrth</i>		Date 4/15/14	Signature		Date
DISPOSAL SITE					
Site Name Medora Landfill			Telephone No. 812-966-2017		
Address 546 S. CR 870 West Medora, IN 47260					
Discrepancies:					
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
Print Name <i>J. Pruitt</i>		Signature <i>J. Pruitt</i>		Receipt Date 4-15-14	



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 303

UXO 7 (ORR)

GENERATOR					
Generator Name	NSA Crane			Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522				
Generating Location	300 Highway 361, Crane, IN 47522				
Disposal Site Name	Medora Landfill			Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260				
For each waste below, provide the <b>Rumpke approval number</b> , the <b>total number of containers</b> , <b>container type</b> (i.e. drum, tote, bulk), <b>total quantity of waste</b> , and <b>units in tons (TONS), cubic yards (CY), or gallons (GAL)</b>					
Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
18 Contaminated Soil	14-0213-031	----	BULK	15-16 <del>15.29</del>	Tons
Special Handling and/or Additional Information					
GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.					
Print/Type Name			Signature		Shipment Date
Thomas J. Brent			<i>Thomas J. Brent</i>		4/15/14
TRANSPORTER					
Transporter 1			Transporter 2		
Name of Transporter			Name of Transporter		
Young Trucking					
Address			Address		
8262 E State Road 45, Unionville, IN 47468					
Driver Name			Driver Name		
Doug Hanna					
Truck No.	Telephone No.	Truck No.	Telephone No.		
18	812-332-0403				
I hereby certify that the above named material was transported from the above listed location.			I hereby certify that the above named material was transported from the above listed location.		
Signature		Date	Signature		Date
<i>Doug Hanna</i>		4-15-14			
DISPOSAL SITE					
Site Name	Medora Landfill				
Address	546 S. CR 870 West Medora, IN 47260			Telephone No.	812-966-2017
Discrepancies:					
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
Print Name		Signature		Receipt Date	
<i>J. H. H.</i>		<i>[Signature]</i>		4-15-14	



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 304

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
19 Contaminated Soil	14-0213-031	----	BULK	15.04	Tons
				15.03	

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name \_\_\_\_\_ Signature \_\_\_\_\_ Shipment Date \_\_\_\_\_

Thomas J. Brent *Thomas J. Brent* 4/15/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<i>Robert Yavor</i>	Driver Name	
Truck No.	19	Truck No.	
Telephone No.	812-332-0403	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature *R. Yavor* Date 4-15-14

I hereby certify that the above named material was transported from the above listed location.

Signature \_\_\_\_\_ Date \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name \_\_\_\_\_ Signature \_\_\_\_\_ Receipt Date \_\_\_\_\_

L. Curry *L. Curry* 4-15-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 305

UXO 7 (ORR)

GENERATOR					
Generator Name NSA Crane			Tel. No. 812-854-6160		
Address 300 Highway 361, Crane, IN 47522					
Generating Location 300 Highway 361, Crane, IN 47522					
Disposal Site Name Medora Landfill			Tel. No. 812-966-2017		
Disposal Site Address 546 S. CR 870 West Medora, IN 47260					
For each waste below, provide the <b>Rumpke approval number</b> , the <b>total number of containers</b> , <b>container type</b> (i.e. drum, tote, bulk), <b>total quantity of waste</b> , and <b>units in tons (TONS), cubic yards (CY), or gallons (GAL)</b>					
Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
138 Contaminated Soil	14-0213-031	----	BULK	17.82 17.49	Tons
Special Handling and/or Additional Information					
GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.					
Print/Type Name		Signature		Shipment Date	
Thomas J. Brent		<i>Thomas J. Brent</i>		4/15/14	
TRANSPORTER					
Transporter 1			Transporter 2		
Name of Transporter Young Trucking			Name of Transporter		
Address 8262 E State Road 45, Unionville, IN 47468			Address		
Driver Name <i>Bob Ferraro</i>			Driver Name		
Truck No. 138	Telephone No. 812-332-0403		Truck No.	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.			I hereby certify that the above named material was transported from the above listed location.		
Signature <i>Robert W. G.</i>		Date 4-15-14	Signature		Date
DISPOSAL SITE					
Site Name Medora Landfill			Telephone No. 812-966-2017		
Address 546 S. CR 870 West Medora, IN 47260					
Discrepancies:					
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
Print Name L. Curry		Signature <i>L. Curry</i>		Receipt Date 4-15-14	



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 306

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
49 Contaminated Soil	14-0213-031	----	BULK	20.08	Tons
					20.02

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: Thomas J. Brent Shipment Date: 4/15/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>Jimmy Wadrip</u>	Driver Name	
Truck No.	49	Truck No.	
Telephone No.	812-332-0403	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature: Jimmy Wadrip Date: 4-15-14

I hereby certify that the above named material was transported from the above listed location.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: L. Curry Signature: [Signature] Receipt Date: 4-15-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 307

UXO 7 (ORR)

GENERATOR					
Generator Name NSA Crane			Tel. No. 812-854-6160		
Address 300 Highway 361, Crane, IN 47522					
Generating Location 300 Highway 361, Crane, IN 47522					
Disposal Site Name Medora Landfill			Tel. No. 812-966-2017		
Disposal Site Address 546 S. CR 870 West Medora, IN 47260					
For each waste below, provide the <b>Rumpke approval number</b> , the <b>total number of containers</b> , <b>container type</b> (i.e. drum, tote, bulk), <b>total quantity of waste</b> , and <b>units in tons (TONS), cubic yards (CY), or gallons (GAL)</b>					
Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
11 Contaminated Soil	14-0213-031	----	BULK	19.86	Tons
					19.59
Special Handling and/or Additional Information					
GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.					
Print/Type Name		Signature		Shipment Date	
Thomas J. Brent				4/15/14	
TRANSPORTER					
Transporter 1			Transporter 2		
Name of Transporter Young Trucking			Name of Transporter		
Address 8262 E State Road 45, Unionville, IN 47468			Address		
Driver Name 			Driver Name		
Truck No. 11	Telephone No. 812-332-0403		Truck No.	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature			I hereby certify that the above named material was transported from the above listed location. Signature		
Date 4-15-14			Date		
DISPOSAL SITE					
Site Name Medora Landfill			Telephone No. 812-966-2017		
Address 546 S. CR 870 West Medora, IN 47260					
Discrepancies:					
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
Print Name		Signature		Receipt Date	
L. Curry				4-15-14	



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 308

UXO 7 (ORR)

GENERATOR					
Generator Name NSA Crane			Tel. No. 812-854-6160		
Address 300 Highway 361, Crane, IN 47522					
Generating Location 300 Highway 361, Crane, IN 47522					
Disposal Site Name Medora Landfill			Tel. No. 812-966-2017		
Disposal Site Address 546 S. CR 870 West Medora, IN 47260					
For each waste below, provide the <b>Rumpke approval number</b> , the <b>total number of containers</b> , <b>container type</b> (i.e. drum, tote, bulk), <b>total quantity of waste</b> , and <b>units in tons (TONS), cubic yards (CY), or gallons (GAL)</b>					
Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
56 Contaminated Soil	14-0213-031	----	BULK	18.63	Tons
					18.44
Special Handling and/or Additional Information					
GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.					
Print/Type Name		Signature		Shipment Date	
Thomas J. Brent				4/15/14	
TRANSPORTER					
Transporter 1			Transporter 2		
Name of Transporter Young Trucking			Name of Transporter		
Address 8262 E State Road 45, Unionville, IN 47468			Address		
Driver Name 			Driver Name		
Truck No. 56	Telephone No. 812-332-0403		Truck No.	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature  Date 4-15-14			I hereby certify that the above named material was transported from the above listed location. Signature _____ Date _____		
DISPOSAL SITE					
Site Name Medora Landfill			Telephone No. 812-966-2017		
Address 546 S. CR 870 West Medora, IN 47260					
Discrepancies:					
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
Print Name		Signature		Receipt Date	
L Curry				4-15-14	



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 309

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
33 Contaminated Soil	14-0213-031	----	BULK	17.23	Tons
					17.2

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent      Signature: [Signature]      Shipment Date: 4/15/14

TRANSPORTER	
Transporter 1	Transporter 2
Name of Transporter	Name of Transporter
Young Trucking	
Address	Address
8262 E State Road 45, Unionville, IN 47468	
Driver Name	Driver Name
<u>ROBERT M SUMMATT</u>	
Truck No.	Telephone No.
<u>33</u>	<u>812-332-0403</u>
I hereby certify that the above named material was transported from the above listed location.	I hereby certify that the above named material was transported from the above listed location.
Signature: <u>[Signature]</u> Date: <u>4/15/14</u>	Signature: _____      Date: _____

### DISPOSAL SITE

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: L. Curry      Signature: [Signature]      Receipt Date: 4-15-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 310

UXO 7 (ORR)

GENERATOR					
Generator Name NSA Crane			Tel. No. 812-854-6160		
Address 300 Highway 361, Crane, IN 47522					
Generating Location 300 Highway 361, Crane, IN 47522					
Disposal Site Name Medora Landfill			Tel. No. 812-966-2017		
Disposal Site Address 546 S. CR 870 West Medora, IN 47260					
For each waste below, provide the <b>Rumpke approval number</b> , the <b>total number of containers</b> , <b>container type</b> (i.e. drum, tote, bulk), <b>total quantity of waste</b> , and <b>units in tons (TONS), cubic yards (CY), or gallons (GAL)</b>					
Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
50 Contaminated Soil	14-0213-031	----	BULK	19.67	Tons
					19.69
Special Handling and/or Additional Information					
GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.					
Print/Type Name Thomas J. Brent			Signature <i>Thomas J. Brent</i>		Shipment Date 4/15/14
TRANSPORTER					
Transporter 1			Transporter 2		
Name of Transporter Young Trucking			Name of Transporter		
Address 8262 E State Road 45, Unionville, IN 47468			Address		
Driver Name <i>JIM GILLASPY</i>			Driver Name		
Truck No. 50	Telephone No. 812-332-0403		Truck No.	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature <i>Jim Gillaspay</i> Date 4-15-14			I hereby certify that the above named material was transported from the above listed location. Signature _____ Date _____		
DISPOSAL SITE					
Site Name Medora Landfill			Telephone No. 812-966-2017		
Address 546 S. CR 870 West Medora, IN 47260					
Discrepancies:					
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
Print Name L. Curry		Signature <i>L. Curry</i>		Receipt Date 4-15-14	



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 311

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Address	300 Highway 361, Crane, IN 47522
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Disposal Site Address	546 S. CR 870 West Medora, IN 47260

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
18 Contaminated Soil	14-0213-031	----	BULK	19.07 <del>19.23</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent      Signature: Thomas J. Brent      Shipment Date: 4/15/14

TRANSPORTER	
Transporter 1	Transporter 2
Name of Transporter Young Trucking	Name of Transporter
Address 8262 E State Road 45, Unionville, IN 47468	Address
Driver Name <u>DOUG HANNA</u>	Driver Name
Truck No. <u>18</u> Telephone No. <u>812-332-0403</u>	Truck No.      Telephone No.
I hereby certify that the above named material was transported from the above listed location. Signature: <u>Doug Hanna</u> Date: <u>4-15-14</u>	I hereby certify that the above named material was transported from the above listed location. Signature      Date

DISPOSAL SITE	
Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature]      Signature: [Signature]      Receipt Date: 4-15-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 312

UXO 7 (ORR)

GENERATOR					
Generator Name	NSA Crane			Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522				
Generating Location	300 Highway 361, Crane, IN 47522				
Disposal Site Name	Medora Landfill			Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260				
For each waste below, provide the <b>Rumpke approval number</b> , the <b>total number of containers</b> , <b>container type</b> (i.e. drum, tote, bulk), <b>total quantity of waste</b> , and <b>units</b> in tons (TONS), cubic yards (CY), or gallons (GAL)					
Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
19 Contaminated Soil	14-0213-031	----	BULK	19.73	Tons
Special Handling and/or Additional Information					
GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.					
Print/Type Name		Signature		Shipment Date	
Thomas J. Brent				4/15/14	
TRANSPORTER					
Transporter 1			Transporter 2		
Name of Transporter			Name of Transporter		
Young Trucking					
Address			Address		
8262 E State Road 45, Unionville, IN 47468					
Driver Name			Driver Name		
Robert YADON					
Truck No.	Telephone No.	Truck No.	Telephone No.		
19	812-332-0403				
I hereby certify that the above named material was transported from the above listed location.			I hereby certify that the above named material was transported from the above listed location.		
Signature		Date		Date	
		4-15-14			
DISPOSAL SITE					
Site Name	Medora Landfill				
Address	546 S. CR 870 West Medora, IN 47260			Telephone No.	812-966-2017
Discrepancies:					
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
Print Name		Signature		Receipt Date	
				4-15-14	



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 313

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
				17.72	
138 Contaminated Soil	14-0213-031	----	BULK	<del>17.94</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: [Signature] Shipment Date: 4/16/14

### TRANSPORTER

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>Rob Ferran</u>	Driver Name	
Truck No.	<u>138</u>	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature: <u>[Signature]</u> Date: <u>4-16-14</u>	I hereby certify that the above named material was transported from the above listed location.	Signature: _____ Date: _____

### DISPOSAL SITE

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature] Signature: [Signature] Receipt Date: 4-16-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 314

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
50 Contaminated Soil	14-0213-031	----	BULK	18.45 <del>18.56</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name	Signature	Shipment Date
<u>Thomas J. Brent</u>	<u>Thomas J. Brent</u>	<u>4/16/14</u>

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter Young Trucking		Name of Transporter	
Address 8262 E State Road 45, Unionville, IN 47468		Address	
Driver Name <u>JIM GILLASPY</u>		Driver Name	
Truck No. 50	Telephone No. 812-332-0403	Truck No.	Telephone No.
I hereby certify that the above named material was transported from the above listed location. Signature <u>Jim Gillaspay</u> Date <u>4-16-14</u>		I hereby certify that the above named material was transported from the above listed location. Signature _____ Date _____	

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name	Signature	Receipt Date
<u>J Heck</u>	<u>[Signature]</u>	<u>4-16-14</u>



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 315

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
56 Contaminated Soil	14-0213-031	----	BULK	20.28 <del>20.31</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name

Signature

Shipment Date

Thomas J. BrentThomas J. Brent4/16/14

### TRANSPORTER

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>[Signature]</u>	Driver Name	
Truck No.	56	Truck No.	
Telephone No.	812-332-0403	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature

Date

[Signature]4-16-14

I hereby certify that the above named material was transported from the above listed location.

Signature

Date

### DISPOSAL SITE

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name

Signature

Receipt Date

[Signature][Signature]4-16-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 316

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
19 Contaminated Soil	14-0213-031	-----	BULK	17.06 <del>16.93</del>	Tons

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name

Signature

Shipment Date

Thomas J. Brent

4/16/14

### TRANSPORTER

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47168	Address	
Driver Name	Robert Yaden	Driver Name	
Truck No.	19	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.		I hereby certify that the above named material was transported from the above listed location.	
Signature		Signature	
Date	4-16-14	Date	

### DISPOSAL SITE

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name

Signature

Receipt Date

4-16-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 317

UXO 7 (ORR)

GENERATOR					
Generator Name NSA Crane			Tel. No. 812-854-6160		
Address 300 Highway 361, Crane, IN 47522					
Generating Location 300 Highway 361, Crane, IN 47522					
Disposal Site Name Medora Landfill			Tel. No. 812-966-2017		
Disposal Site Address 546 S. CR 870 West Medora, IN 47260					
For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)					
Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
				18.36	
49 Contaminated Soil	14-0213-031	----	BULK	<del>18.36</del>	Tons
Special Handling and/or Additional Information					
GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.					
Print/Type Name			Signature		Shipment Date
Thomas J. Brent					4/16/14
TRANSPORTER					
Transporter 1			Transporter 2		
Name of Transporter Young Trucking			Name of Transporter		
Address 8262 E State Road 45, Unionville, IN 47468			Address		
Driver Name 			Driver Name		
Truck No. 49	Telephone No. 812-332-0403		Truck No.	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature			I hereby certify that the above named material was transported from the above listed location. Signature		
Date 4/16/14			Date		
DISPOSAL SITE					
Site Name Medora Landfill			Telephone No. 812-966-2017		
Address 546 S. CR 870 West Medora, IN 47260					
Discrepancies:					
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
Print Name		Signature		Receipt Date	
				4-16-14	



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 318

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
18 Contaminated Soil	14-0213-031	----	BULK	17.58 17.64	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent      Signature: [Signature]      Shipment Date: 4/16/14

### TRANSPORTER

Transporter 1	Transporter 2
Name of Transporter Young Trucking	Name of Transporter
Address 8262 E State Road 45, Unionville, IN 47468	Address
Driver Name Doug Hanna	Driver Name
Truck No. <u>18</u> Telephone No. 812-332-0403	Truck No.      Telephone No.
I hereby certify that the above named material was transported from the above listed location. Signature: <u>[Signature]</u> Date: <u>4-16-14</u>	I hereby certify that the above named material was transported from the above listed location. Signature      Date

### DISPOSAL SITE

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature]      Signature: [Signature]      Receipt Date: 4-16-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 319

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
34 Contaminated Soil	14-0213-031	----	BULK	15-86 <del>15-84</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name

Signature

Shipment Date

Thomas J. Brent

4/16/14

### TRANSPORTER

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	ROBERT SUMMITT	Driver Name	
Truck No.	34	Truck No.	
Telephone No.	812-332-0403	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature

Date

4/16/14

I hereby certify that the above named material was transported from the above listed location.

Signature

Date

### DISPOSAL SITE

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name

Signature

Receipt Date

J. Pfeiff

4-16-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 320

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Address	
300 Highway 361, Crane, IN 47522	
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Disposal Site Address	
546 S. CR 870 West Medora, IN 47260	

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
11 Contaminated Soil	14-0213-031	----	BULK	17.71 17.83	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent      Signature: Thomas J. Brent      Shipment Date: 4/16/14

### TRANSPORTER

Transporter 1		Transporter 2	
Name of Transporter		Name of Transporter	
Young Trucking			
Address		Address	
8262 E State Road 45, Unionville, IN 47468			
Driver Name		Driver Name	
<u>Chris He</u>			
Truck No.	Telephone No.	Truck No.	Telephone No.
11	812-332-0403		

I hereby certify that the above named material was transported from the above listed location.

Signature: [Signature]      Date: 4-16-14

I hereby certify that the above named material was transported from the above listed location.

Signature: \_\_\_\_\_      Date: \_\_\_\_\_

### DISPOSAL SITE

Site Name	Medora Landfill
Address	
546 S. CR 870 West Medora, IN 47260	
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature]      Signature: [Signature]      Receipt Date: 4-16-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 321

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Address	
300 Highway 361, Crane, IN 47522	
Generating Location	
300 Highway 361, Crane, IN 47522	
Disposal Site Name	Medora Landfill
Disposal Site Address	
546 S. CR 870 West Medora, IN 47260	

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
138 Contaminated Soil	14-0213-031	----	BULK	20.62	Tons
					20.27

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent      Signature: Thomas J. Brent      Shipment Date: 4/16/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter		Name of Transporter	
Young Trucking			
Address		Address	
8262 E State Road 45, Unionville, IN 47468			
Driver Name		Driver Name	
Rob Ferko			
Truck No.	Telephone No.	Truck No.	Telephone No.
138	812-332-0403		
I hereby certify that the above named material was transported from the above listed location.		I hereby certify that the above named material was transported from the above listed location.	
Signature: <u>Rob Ferko</u> Date: <u>4-16-14</u>		Signature: _____      Date: _____	

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	
546 S. CR 870 West Medora, IN 47260	
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: L. Curry      Signature: [Signature]      Receipt Date: 4-16-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 322

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260

For each waste below, provide the Rumpke approval number, the total number of containers, container type (i.e. drum, tote, bulk), total quantity of waste, and units in tons (TONS), cubic yards (CY), or gallons (GAL)

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
50 Contaminated Soil	14-0213-031	----	BULK	19.07	Tons
					19.2

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent      Signature: Thomas J. Brent      Shipment Date: 4/16/14

### TRANSPORTER

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>JIM GILLASPY</u>	Driver Name	
Truck No.	<u>50</u>	Truck No.	
Telephone No.	812-332-0403	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature: Jim Gillaspay      Date: 4-16-14

I hereby certify that the above named material was transported from the above listed location.

Signature: \_\_\_\_\_      Date: \_\_\_\_\_

### DISPOSAL SITE

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: L. Curry      Signature: [Signature]      Receipt Date: 4-16-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 323

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
19 Contaminated Soil	14-0213-031	----	BULK	17.14	Tons
					17.92

Special Handling and/or Additional Information

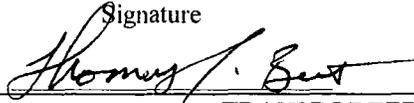
GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name

Signature

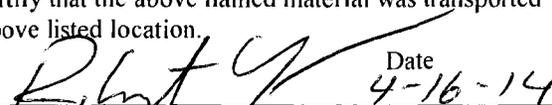
Shipment Date

Thomas J. Brent



4/16/14

### TRANSPORTER

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Robert Yador	Driver Name	
Truck No.	19	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.		I hereby certify that the above named material was transported from the above listed location.	
Signature		Signature	
Date	4-16-14	Date	

### DISPOSAL SITE

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

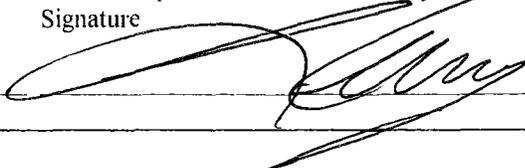
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name

Signature

Receipt Date

L. Curry



4-16-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 324

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
49 Contaminated Soil	14-0213-031	----	BULK	19.82	<del>Tons</del>
					19.77

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name

Signature

Shipment Date

Thomas J. BrentThomas J. Brent4/16/14

### TRANSPORTER

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>Jimmy Waldrip</u>	Driver Name	
Truck No.	49	Truck No.	
Telephone No.	812-332-0403	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature

Date

Jimmy Waldrip4-16-14

I hereby certify that the above named material was transported from the above listed location.

Signature

Date

### DISPOSAL SITE

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name

Signature

Receipt Date

L. CurryL. Curry4-16-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 325

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
158 Contaminated Soil	14-0213-031	----	BULK	16.43	Tons
					16.25

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name

Signature

Shipment Date

Thomas J. Brent

4/16/14

### TRANSPORTER

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Doug Hanna	Driver Name	
Truck No.	158	Truck No.	
Telephone No.	812-332-0403	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature

Date

Doug Hanna

4-16-14

I hereby certify that the above named material was transported from the above listed location.

Signature

Date

### DISPOSAL SITE

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name

Signature

Receipt Date

L. Curry

4-16-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 326

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
56 Contaminated Soil	14-0213-031	----	BULK	19.18	Tons
					19.16

Special Handling and/or Additional Information

**GENERATOR CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: [Signature] Shipment Date: 4/16/14

### TRANSPORTER

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>[Signature]</u>	Driver Name	
Truck No.	56	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature: <u>[Signature]</u> Date: <u>4-16-14</u>	I hereby certify that the above named material was transported from the above listed location.	Signature: _____ Date: _____

### DISPOSAL SITE

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: L Curry Signature: [Signature] Receipt Date: 4-16-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 327

UXO 7 (ORR)

GENERATOR	
Generator Name	NSA Crane
Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522
Generating Location	300 Highway 361, Crane, IN 47522
Disposal Site Name	Medora Landfill
Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
34 Contaminated Soil	14-0213-031	----	BULK	15.95	Tons
					15.86

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent Signature: Thomas J. Brent Shipment Date: 4/16/14

### TRANSPORTER

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>ROBERT T. Sumner</u>	Driver Name	
Truck No.	34	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature: <u>[Signature]</u> Date: <u>4/16/14</u>	I hereby certify that the above named material was transported from the above listed location.	Signature: _____ Date: _____

### DISPOSAL SITE

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: L. Curry Signature: [Signature] Receipt Date: 4-16-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 328

UXO 7 (ORR)

GENERATOR					
Generator Name NSA Crane			Tel. No. 812-854-6160		
Address 300 Highway 361, Crane, IN 47522					
Generating Location 300 Highway 361, Crane, IN 47522					
Disposal Site Name Medora Landfill			Tel. No. 812-966-2017		
Disposal Site Address 546 S. CR 870 West Medora, IN 47260					
For each waste below, provide the <b>Rumpke approval number</b> , the <b>total number of containers</b> , <b>container type</b> (i.e. drum, tote, bulk), <b>total quantity of waste</b> , and <b>units in tons (TONS), cubic yards (CY), or gallons (GAL)</b>					
Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
11 Contaminated Soil	14-0213-031	----	BULK	17.12 <del>17.27</del>	Tons
Special Handling and/or Additional Information					
GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.					
Print/Type Name		Signature		Shipment Date	
Thomas J. Brent				4/16/14	
TRANSPORTER					
Transporter 1			Transporter 2		
Name of Transporter Young Trucking			Name of Transporter		
Address 8262 E State Road 45, Unionville, IN 47468			Address		
Driver Name Chris Head			Driver Name		
Truck No. 11	Telephone No. 812-332-0403		Truck No.	Telephone No.	
I hereby certify that the above named material was transported from the above listed location. Signature  Date 4-16-14			I hereby certify that the above named material was transported from the above listed location. Signature _____ Date _____		
DISPOSAL SITE					
Site Name Medora Landfill			Telephone No. 812-966-2017		
Address 546 S. CR 870 West Medora, IN 47260					
Discrepancies:					
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
Print Name J. Peck		Signature 		Receipt Date 4-16-14	



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 329

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
<u>138</u> Contaminated Soil	14-0213-031	----	BULK	<u>16.34</u> <u>16.78</u>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent      Signature: Thomas J. Brent      Shipment Date: 4/16/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>Rob Ferrar</u>	Driver Name	
Truck No.	<u>138</u>	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.	Signature: <u>Robert NG</u> Date: <u>4-16-14</u>	I hereby certify that the above named material was transported from the above listed location.	Signature:      Date:

**DISPOSAL SITE**

Site Name	Medora Landfill
Address	546 S. CR 870 West Medora, IN 47260
Telephone No.	812-966-2017

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: D. Fetter      Signature: [Signature]      Receipt Date: 4-16-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 330

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
50 Contaminated Soil	14-0213-031	----	BULK	11.75 <del>11.76</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name: Thomas J. Brent      Signature: [Signature]      Shipment Date: 4/16/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	<u>JIM GILLASPY</u>	Driver Name	
Truck No.	<u>50</u>	Truck No.	
Telephone No.	812-332-0403	Telephone No.	

I hereby certify that the above named material was transported from the above listed location.

Signature: [Signature]      Date: 4-16-14

I hereby certify that the above named material was transported from the above listed location.

Signature: \_\_\_\_\_      Date: \_\_\_\_\_

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name: [Signature]      Signature: [Signature]      Receipt Date: 4-16-14



# NONHAZARDOUS INDUSTRIAL WASTE MANIFEST

Manifest #: 331

UXO 7 (ORR)

**GENERATOR**

Generator Name	NSA Crane	Tel. No.	812-854-6160
Address	300 Highway 361, Crane, IN 47522		
Generating Location	300 Highway 361, Crane, IN 47522		
Disposal Site Name	Medora Landfill	Tel. No.	812-966-2017
Disposal Site Address	546 S. CR 870 West Medora, IN 47260		

For each waste below, provide the **Rumpke approval number**, the **total number of containers**, **container type** (i.e. drum, tote, bulk), **total quantity of waste**, and **units in tons (TONS), cubic yards (CY), or gallons (GAL)**

Waste Description	Rumpke Approval No.	Containers		Amount	
		No.	Type	Total Quantity	Units
19 Contaminated Soil	14-0213-031	----	BULK	10.81 <del>10.82</del>	Tons

Special Handling and/or Additional Information

GENERATOR CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged according to applicable regulations.

Print/Type Name

Signature

Shipment Date

Thomas J. Brent

4/16/14

**TRANSPORTER**

Transporter 1		Transporter 2	
Name of Transporter	Young Trucking	Name of Transporter	
Address	8262 E State Road 45, Unionville, IN 47468	Address	
Driver Name	Robert YADLEN	Driver Name	
Truck No.	19	Truck No.	
Telephone No.	812-332-0403	Telephone No.	
I hereby certify that the above named material was transported from the above listed location.		I hereby certify that the above named material was transported from the above listed location.	
Signature		Signature	
Date	4-16-14	Date	

**DISPOSAL SITE**

Site Name	Medora Landfill	Telephone No.	812-966-2017
Address	546 S. CR 870 West Medora, IN 47260		

Discrepancies:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Print Name

Signature

Receipt Date

4-16-14

334 Truck # (680)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number INR 876 023 488		2. Page 1 of 1		3. Emergency Response Phone 814-825-5335		4. Manifest Tracking Number <b>012396766 JJK</b>			
5. Generator's Name and Mailing Address US NAVAL SUPPORT ACTIVITY CRANE DIVISION <del>PAUL SMITH</del> Thomas Brent						Generator's Site Address (if different than mailing address) PROJ2, BUILDING 3345 300 HIGHWAY 391 CRANE, IN 47502					
6. Transporter 1 Company Name BEELMAN TRUCKING						U.S. EPA ID Number ILR 000 838 238					
7. Transporter 2 Company Name						U.S. EPA ID Number					
8. Designated Facility Name and Site Address 4049 SOUTHPORT ROAD PEORIA, IL 61615						U.S. EPA ID Number ILD 000 805 812					
Facility's Phone: 308 876-4888											
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		1. RC1 NA3077, HAZARDOUS WASTE SOLID, NOS, B, PSII (D008) (LEAD)				No.	Type	49,60	P	D008	
		2.									
		3.									
		4.									
14. Special Handling Instructions and Additional Information PIFLE RANGE SOIL NAERG = 171 PERMIT # 000327-30647											
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.											
Generator's/Offoror's Printed/Typed Name Thomas J. Brent						Signature <i>Thomas J. Brent</i>		Month Day Year 11 22 14			
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____										
	17. Transporter Acknowledgment of Receipt of Materials										
	Transporter 1 Printed/Typed Name Bryan Heck						Signature <i>Bryan Heck</i>		Month Day Year 11 22 14		
Transporter 2 Printed/Typed Name						Signature		Month Day Year			
DESIGNATED FACILITY	18. Discrepancy										
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection										
	18b. Alternate Facility (or Generator) U.S. EPA ID Number										
	Facility's Phone:										
	18c. Signature of Alternate Facility (or Generator)								Month Day Year		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)											
1. H10			2.			3.			4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a											
Printed/Typed Name Jeffrey A. Fashay						Signature <i>Jeffrey A. Fashay</i>		Month Day Year 04 22 14			



Peoria Disposal Company

**Certificate of Disposal**

**Facility Name:** Peoria Disposal Company

**Address:** 4345 Southport Road  
Peoria, IL 61615

**Phone:** 309-676-4893

**USEPA/IEPA ID:** IL0000805812/1433120003

**Generator:** US Naval Support Activity Crane Division

**Address:** 300 Highway 361  
Crane, IN. 47522

Peoria Disposal Company hereby certifies the receipt of waste material from US Naval Support Activity Crane Division described on Illinois Hazardous MTN: 612396766JJK. Received on: 4-22-14.

This material was disposed of in compliance with the State of Illinois and Federal Regulations. The method of disposal is treatment to Decharacterize and meet Universal Treatment Standards. Disposal is in a RCRA Subtitle D Landfill Facility.

Permit: 000327-30847

Signed: [Signature]  
Gate Control Supervisor

Dated: 4-28-14

333 Truck (3021)

3021

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number IL06 170 023 488	2. Page 1 of 1	3. Emergency Response Phone 814-327-5008	4. Manifest Tracking Number 012396765 JJK		
5. Generator's Name and Mailing Address US NAVAL SUPPORT ACTIVITY CRANE DIVISION P.O. BOX 1 THOMAS BREW Generator's Phone: 812-854-6160				Generator's Site Address (if different than mailing address) PROV. BUILDING 3243 300 HIGHWAY 300 CRANE IN 47522			
6. Transporter 1 Company Name PELWAN TTYOUNG				U.S. EPA ID Number ILR 000 155 288			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address 4342 SOUTHPORT ROAD PEORIA IL 61615 Facility's Phone: 309-678-4888				U.S. EPA ID Number IL0 000 808 812			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
1	HAZARDOUS WASTE SOLID, NOS. 8 RCN (D002) (LEAD)	1	DT	51,500	P	D002	
2							
3							
4							
14. Special Handling Instructions and Additional Information RIFLE RANGE SOIL MAERSG = 171 PERMIT # 000827-30847							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offoror's Printed/Typed Name THOMAS J. BREW				Signature Thomas J. Brew		Month Day Year 04/22/14	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name Ed Nield for K.K.				Signature Ed Nield		Month Day Year 4/22/14	
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
Manifest Reference Number:							
18b. Alternate Facility (or Generator) U.S. EPA ID Number							
Facility's Phone:							
18c. Signature of Alternate Facility (or Generator)						Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. H110		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name Jeffrey A. Fosbury				Signature Jeffrey A. Fosbury		Month Day Year 04/22/14	



Peoria Disposal Company

**Certificate of Disposal**

**Facility Name:** Peoria Disposal Company

**Address:** 4849 Southport Road  
Peoria, IL 61615

**Phone:** 309-676-4893

**USEPA/IEPA ID:** IL6000005812/1438120003

**Generator:** US Naval Support Activity Crane Division

**Address:** 300 Highway 261  
Crane, IN. 47522

Peoria Disposal Company hereby certifies the receipt of waste material from US Naval Support Activity Crane Division described on Illinois Hazardous MTN: 012396765 JJK. Received on: 4-22-14

This material was disposed of in compliance with the State of Illinois and Federal Regulations. The method of disposal is treatment to Decharacterize and meet Universal Treatment Standards. Disposal is in a RCRA Subtitle D Landfill Facility.

Permit: 000327-30847

Signed: [Signature]  
- Gate Control Supervisor

Dated: 4-28-14

3044-482

332 Track 3044

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>	1. Generator ID Number IN5 170 023 426	2. Page 1 of 1	3. Emergency Response Phone 814-823-2385	4. Manifest Tracking Number 012395764 JJK
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5. Generator's Name and Mailing Address US NAVAL SUPPORT ACTIVITY CRANE DIVISION SACRAL Thomas Brent		Generator's Site Address (if different than mailing address) PROD 42, BUILDING 0248 200 HIGHWAY 360 CRANE, IN 47522		
Generator's Phone: 317-259-6160				

6. Transporter 1 Company Name BEELEMAN TRUCKING	U.S. EPA ID Number IL5 020 138 236
--	---------------------------------------

7. Transporter 2 Company Name	U.S. EPA ID Number
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8. Designated Facility Name and Site Address PCOW 1 4948 SOUTHPORT ROAD PRORIA, IL 61350	U.S. EPA ID Number IL5 000 805 912
Facility's Phone: 309-878-4898	

GENERATOR

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		No.	Type			
1	10% MASCITE; HAZARDOUS WASTE SOLID, NOS, S, P011 (0008) (LEAD)	1	DT	51,308	P	D008
2						
3						
4						

14. Special Handling Instructions and Additional Information RIFLE RANGE SOIL PERMIT # 000527-30847	NAERG = 171
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15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offoror's Printed/Typed Name Thomas J. Brent	Signature <i>Thomas J. Brent</i>	Month 04	Day 22	Year 14
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INTL

16. International Shipments <input type="checkbox"/> Import to U.S. Transporter signature (for exports only):	<input type="checkbox"/> Export from U.S.	Port of entry/exit: Date leaving U.S.:
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TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials				
Transporter 1 Printed/Typed Name RICHARD A. McDEVITT	Signature <i>Richard A. McDevitt</i>	Month 4	Day 22	Year 14
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

18. Discrepancy	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection	Manifest Reference Number:
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18b. Alternate Facility (or Generator)	U.S. EPA ID Number
Facility's Phone:	

18c. Signature of Alternate Facility (or Generator)	Month	Day	Year
---	-------	-----	------

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)			
1. H10	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a				
Printed/Typed Name Jeffrey A. Goshay	Signature <i>Jeffrey A. Goshay</i>	Month 04	Day 22	Year 14



Peoria Disposal Company

**Certificate of Disposal**

**Facility Name:** Peoria Disposal Company

**Address:** 4349 Southport Road  
Peoria, IL 61615

**Phone:** 309-676-4898

**USEPA/IEPA ID:** ILD000805812/1498120003

**Generator:** US Naval Support Activity Crane Division

**Address:** 300 Highway 361  
Crane, IN 47522

Peoria Disposal Company hereby certifies the receipt of waste material from US Naval Support Activity Crane Division described on Illinois Hazardous MTN: 012396764 JFK. Received on: 4-28-14.

This material was disposed of in compliance with the State of Illinois and Federal Regulations. The method of disposal is treatment to Decharacterize and meet Universal Treatment Standards. Disposal is in a RCRA Subtitle D Landfill Facility.

Permit: 000327-30847

Signed: *Carolyn [Signature]*  
Gate Control Supervisor

Dated: 4-28-14



336 Truck # 3043

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number IN5 J70 029 488	2. Page 1 of 1	3. Emergency Response Phone 814-878-5385	4. Manifest Tracking Number 012396768 JJK			
5. Generator's Name and Mailing Address UNIONVAL SUPPORT ACTIVITY CRANE DIVISION P.O. BOX 1 Thomas Brent Generator's Phone: 812-854-6460				Generator's Site Address (if different than mailing address) PROC 42, BUILDING 82-8 300 HIGHWAY 300 CRANE, IN 47522				
6. Transporter 1 Company Name BERLMAN TRUCKING				U.S. EPA ID Number ILA 000 385 206				
7. Transporter 2 Company Name				U.S. EPA ID Number				
8. Designated Facility Name and Site Address DC # 1 6340 SOUTHPORT ROAD TROY, IL 61825 Facility's Phone: 309-676-4583				U.S. EPA ID Number IL0 000 805 812				
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		1. 100% NAGOPY; HAZARDOUS WASTE SOLID NOS. 8, 9, 10, 11 (ECOS) (LEAD)		1	DT	50,560	P	0008
		2.						
		3.						
		4.						
14. Special Handling Instructions and Additional Information PILE RANGE SOIL NAERG = 171 PERMIT # 000327-80847								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offeror's Printed/Typed Name Thomas J. Brent				Signature Thomas J. Brent		Month Day Year 4 22 14		
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
	17. Transporter Acknowledgment of Receipt of Materials							
	Transporter 1 Printed/Typed Name Richard Cooper				Signature Richard Cooper		Month Day Year 4 22 14	
	Transporter 2 Printed/Typed Name				Signature		Month Day Year	
DESIGNATED FACILITY	18. Discrepancy							
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
	Manifest Reference Number:							
	18b. Alternate Facility (or Generator)				U.S. EPA ID Number			
	Facility's Phone:							
	18c. Signature of Alternate Facility (or Generator)						Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1. H110		2.		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name Jeffrey A. Fisher				Signature Jeffrey A. Fisher		Month Day Year 04 22 14		



Peoria Disposal Company

**Certificate of Disposal**

**Facility Name:** Peoria Disposal Company

**Address:** 4349 Southport Road  
Peoria, IL 61615

**Phone:** 309-676-4809

**USEPA/IEPA ID:** ILD000805812/1433120003

**Generator:** US Naval Support Activity Crane Division

**Address:** 300 Highway 361  
Crane, IN. 47522

Peoria Disposal Company hereby certifies the receipt of waste material from US Naval Support Activity Crane Division described on Illinois Hazardous MTN: 01239676 JJK Received on: 4-28-14.

This material was disposed of in compliance with the State of Illinois and Federal Regulations. The method of disposal is treatment to Decharacterize and meet Universal Treatment Standards. Disposal is in a RCRA Subtitle D Landfill Facility.

Permit: 000327-30E-47

Signed: [Signature]  
~~Gate Control Supervisor~~

Dated: 4-28-14

335 Truck # (3041)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number INS 170 023 458	2. Page 1 of 1	3. Emergency Response Phone 814-823-4558	4. Manifest Tracking Number 012396767 JJK		
5. Generator's Name and Mailing Address US NAVAL SUPPORT ACTIVITY CRANE DIVISION PROC BLDG THOMAS BRENT Generator's Phone: 812-823-4340 812-854-6160			Generator's Site Address (if different than mailing address) PROC 42, BUILDING 3245 300 HIGHWAY 351 CRANE, IN 47302				
6. Transporter 1 Company Name BREELMAN TRUCKING					U.S. EPA ID Number ILR 000 138 235		
7. Transporter 2 Company Name					U.S. EPA ID Number		
8. Designated Facility Name and Site Address 4340 SOUTHPORT ROAD PEORIA, IL 61615 Facility's Phone: 309-876-4888					U.S. EPA ID Number ILD 000 806 812		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
1	REG; HAZARDOUS WASTE SOLID, NAER, B, PGM; (DOGS) (LEAD)	1	DT	50,220	P	EX08	
2							
3							
4							
14. Special Handling Instructions and Additional Information RIFLE RANGE SOIL NAERG = 171 PERMIT # 000327-30847							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offeror's Printed/Typed Name Thomas J. Brent			Signature <i>Thomas J. Brent</i>		Month Day Year 4 22 14		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name Bruce K. Tcheu			Signature <i>Bruce K. Tcheu</i>		Month Day Year 4 22 14		
Transporter 2 Printed/Typed Name			Signature		Month Day Year		
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
Manifest Reference Number:							
18b. Alternate Facility (or Generator)					U.S. EPA ID Number		
Facility's Phone:							
18c. Signature of Alternate Facility (or Generator)					Month Day Year		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. H110		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name Jeffrey A. Foshey			Signature <i>Jeffrey A. Foshey</i>		Month Day Year 04 22 14		

GENERATOR  
TRANSPORTER INTL  
TRANSPORTER  
DESIGNATED FACILITY



Peoria Disposal Company

**Certificate of Disposal**

**Facility Name:** Peoria Disposal Company

**Address:** 4949 Southport Road  
Peoria, IL 61615

**Phone:** 309-676-4898

**USEPA/IEPA ID:** IL000080581074388120003

**Generator:** US Naval Support Activity Crane Division

**Address:** 500 Highway 361  
Crane, IN 47522

Peoria Disposal Company hereby certifies the receipt of waste material from US Naval Support Activity Crane Division described on Illinois Hazardous MTN: 012396767 JJK Received on: 4-28-14.

This material was disposed of in compliance with the State of Illinois and Federal Regulations. The method of disposal is treatment to Decharacterize and meet Universal Treatment Standards. Disposal is in a RCRA Subtitle D Landfill Facility.

Permit: 000327-30847

Signed: [Signature]  
~~-Gate Control Supervisor-~~

Dated: 4-28-14



537 Truck # 500

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number INS 170 025 458	2. Page 1 of 1	3. Emergency Response Phone 814-824-6383	4. Manifest Tracking Number <b>012396769 JJK</b>			
5. Generator's Name and Mailing Address US NAVAL SUPPORT ACTIVITY GRAINE DIVISION 300 HIGHWAY 581 GRAINE, IN 47522				Generator's Site Address (if different than mailing address) PROX, BUILDING 5245 300 HIGHWAY 581 GRAINE, IN 47522				
Generator's Phone: 812-854-6160		6. Transporter 1 Company Name NEELMAN TRUCKING		U.S. EPA ID Number ILR 030 335 286				
7. Transporter 2 Company Name				U.S. EPA ID Number				
8. Designated Facility Name and Site Address 4347 SOUTHPORT ROAD PEORIA, IL 61615 Facility's Phone: 308-578-4885				U.S. EPA ID Number ND 000 806 612				
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		1. 7521 HAZARDOUS WASTE SOLID, NEC, 6, P011 (0005) (LEAD)		No.	Type			
		2.						
		3.						
		4.						
14. Special Handling Instructions and Additional Information RIFLE RANGE SOIL PERMIT # 000827-90247 HAERG # 171								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offoror's Printed/Typed Name Thomas S. Brent				Signature <i>Thomas S. Brent</i>		Month Day Year 4 22 14		
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
	17. Transporter Acknowledgment of Receipt of Materials							
TRANSPORTER	Transporter 1 Printed/Typed Name ALLEN WHITE			Signature <i>Allen White</i>		Month Day Year 4 22 14		
	Transporter 2 Printed/Typed Name			Signature		Month Day Year		
DESIGNATED FACILITY	18. Discrepancy:							
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
	18b. Alternate Facility (or Generator) _____ U.S. EPA ID Number _____ Facility's Phone: _____							
18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____								
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1. H10		2.		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a								
Printed/Typed Name Jeffrey A. Fisher				Signature <i>Jeffrey A. Fisher</i>		Month Day Year 09 22 14		



Peoria Disposal Company

**Certificate of Disposal**

**Facility Name:** Peoria Disposal Company

**Address:** 4349 Southport Road  
Peoria, IL 61615

**Phone:** 309-676-4699

**USEPA/IEPA ID:** ILD000806811/1488120003

**Generator:** US Naval Support Activity Crane Division

**Address:** 300 Highway 361  
Crane, IN, 47922

Peoria Disposal Company hereby certifies the receipt of waste material from US Naval Support Activity Crane Division described on Illinois Hazardous MTN: 012396769 JJK. Received on: 4-22-14.

This material was disposed of in compliance with the State of Illinois and Federal Regulations. The method of disposal is treatment to Decharacterize and meet Universal Treatment Standards. Disposal is in a RCRA Subtitle D Landfill Facility.

Permit: 000327-30047

Signed: *Carolyn [Signature]*  
Gate Control Supervisor

Dated: 4-22-14

338 Truck # 992

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number INS 170 020 498	2. Page 1 of 1	3. Emergency Response Phone 814 823 8598	4. Manifest Tracking Number 012396770 JJK			
5. Generator's Name and Mailing Address US NAVAL SUPPORT ACTIVITY CRANE DIVISION ATTN: Mr. Thomas J. Brent Generator's Phone: 812-854-1160				Generator's Site Address (if different than mailing address) PICKLE, BUILDING 304B 300 HIGHWAY 384 CRANE, IN 47522				
6. Transporter 1 Company Name BEDLMAN TRUCKING				U.S. EPA ID Number ILR 000 038 008				
7. Transporter 2 Company Name				U.S. EPA ID Number				
8. Designated Facility Name and Site Address PICKLE #1 4340 SOUTHPORT ROAD PEORIA, IL 61615 Facility's Phone: 308 370 4830				U.S. EPA ID Number ILR 000 908 812				
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		1. HGT; MAGNET; HAZARDOUS WASTE SOLID, NOS. 6; P001 (2000) (U.S.A.G.)		No.	Type	49,760	P	6003
		2.						
		3.						
		4.						
14. Special Handling Instructions and Additional Information RIFLE RANGE SOIL PERMIT # 000827-30847 NAERG = 171								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offeror's Printed/Typed Name Thomas J. Brent				Signature <i>Thomas J. Brent</i>		Month 4	Day 22	Year 14
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____								
17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name Bruce Clover				Signature <i>Bruce Clover</i>		Month 4	Day 22	Year 14
Transporter 2 Printed/Typed Name				Signature		Month	Day	Year
18. Discrepancy								
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
Manifest Reference Number: _____								
18b. Alternate Facility (or Generator)						U.S. EPA ID Number		
Facility's Phone: _____								
18c. Signature of Alternate Facility (or Generator)						Month	Day	Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1. H10		2.		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name Jeffrey A. Farley				Signature <i>Jeffrey A. Farley</i>		Month 10	Day 22	Year 14



Peoria Disposal Company

**Certificate of Disposal**

**Facility Name:** Peoria Disposal Company

**Address:** 4849 Springfield Road  
Peoria, IL 61628

**Phone:** 309-676-4873

**USEPA/IEPA ID:** ZL3000805817 / 1438135003

**Generator:** US Naval Support Activity Crane Division

**Address:** 300 Highway 361  
Crane, IN 47722

Peoria Disposal Company hereby certifies the receipt of waste material from US Naval Support Activity Crane Division described on Illinois Hazardous MTN: 612396970JK. Received on: 4-28-14.

This material was disposed of in compliance with the State of Illinois and Federal Regulations. The method of disposal is treatment to Decharacterize and meet Universal Treatment Standards. Disposal is in a RCRA Subtitle D Landfill Facility.

Permit: 010327-30847

Signed: [Signature]  
Gate Control Supervisor

Dated: 4-28-14



339

Truck # 414

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number 115 170 023 498	2. Page 1 of 1	3. Emergency Response Phone 814 857-5388	4. Manifest Tracking Number 012398771 JJK		
5. Generator's Name and Mailing Address US NAVAL SUPPORT ACTIVITY CRANE DIVISION PROV 42, BUILDING 5245 500 HIGHWAY 361 CRANE IL 47422				Generator's Site Address (if different than mailing address)			
Generator's Phone: 812-354-6160				U.S. EPA ID Number IL000000000			
6. Transporter 1 Company Name DEELMAN TRUCKING				U.S. EPA ID Number			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address 4349 SOUTHPORT ROAD PROVIA IL 61815				U.S. EPA ID Number IL000000000			
Facility's Phone: 309-678-4888							
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
	1. RQ: 140077; HAZARDOUS WASTE SOLID, ACG, B, P011 (D006) (LEAD)	1	DT	43,780	P	D006	
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information RIFLE RANGE SOIL PERMIT # 000927-30847 NAERG # 171							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offoror's Printed/Typed Name Thomas J. Brewer				Signature <i>Thomas J. Brewer</i>		Month Day Year 1/22/14	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name Jim SNAKAMP				Signature <i>Jim Snakamp</i>		Month Day Year 4/22/14	
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
Manifest Reference Number:							
18b. Alternate Facility (or Generator)				U.S. EPA ID Number			
Facility's Phone:							
18c. Signature of Alternate Facility (or Generator)						Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. H110		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name Jeffrey A. Fosbury				Signature <i>Jeffrey A. Fosbury</i>		Month Day Year 04/22/14	

GENERATOR

INTL

TRANSPORTER

DESIGNATED FACILITY



Pecria Disposal Company

**Certificate of Disposal**

**Facility Name:** Pecria Disposal Company

**Address:** 4249 Southport Road  
Peoria, IL 61615

**Phone:** 309-676-4893

**USEPA/IEPA ID:** ILD000005812/1436120000

**Generator:** US Naval Support Activity Crane Division

**Address:** 300 Highway 261  
Crown, IN 47522

Pecria Disposal Company hereby certifies the receipt of waste material from US Naval Support Activity Crane Division described on Illinois Hazardous MTN: 012396771 JTK Received on: 4-22-14

This material was disposed of in compliance with the State of Illinois and Federal Regulations. The method of disposal is treatment to Decharacterize and meet Universal Treatment Standards. Disposal is in a RCRA Subtitle D Landfill Facility.

Permit: 060827-30847

Signed: [Signature]  
Gate Control Supervisor

Dated: 4-28-14

500

341

Truck # 500

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number INS 170 023 428	2. Page 1 of 1	3. Emergency Response Phone 844-223 8388	4. Manifest Tracking Number 012396773 JJK				
5. Generator's Name and Mailing Address US NAVAL SUPPORT ACTIVITY CRANE DIVISION <del>SAULTERS - Thomas J. Blunt</del> Generator's Phone: <del>815-822-5588</del> 912-854-6160				Generator's Site Address (if different than mailing address) PRC42, BUILDING 8245 300 HIGHWAY 361 CRANE IN 47502					
6. Transporter 1 Company Name BEELMAN TRUCKING				U.S. EPA ID Number ILL 000 138 230					
7. Transporter 2 Company Name				U.S. EPA ID Number					
8. Designated Facility Name and Site Address 4349 SOUTHPORT ROAD PEORIA, IL 61615 Facility's Phone: 309-676-4588				U.S. EPA ID Number ILL 000 305 012					
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		1. PROTAGOT, HAZARDOUS WASTE SOLID, NOS, 3, PGIII (D008) (LEAD)		No.	Type				
		2.							
		3.							
		4.							
14. Special Handling Instructions and Additional Information RIFLE RANGE SOIL NAERG = 17 PERMIT # 000327-50847									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Offeror's Printed/Typed Name Thomas J. Blunt				Signature <i>Thomas J. Blunt</i>		Month 4	Day 23	Year 14	
TRANSPORTER INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____								
	17. Transporter Acknowledgment of Receipt of Materials								
TRANSPORTER	Transporter 1 Printed/Typed Name ALLEN WITTE				Signature <i>Allen Witte</i>		Month 4	Day 23	Year 14
	Transporter 2 Printed/Typed Name				Signature		Month	Day	Year
DESIGNATED FACILITY	18. Discrepancy								
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
	Manifest Reference Number:								
	18b. Alternate Facility (or Generator)				U.S. EPA ID Number				
Facility's Phone:									
18c. Signature of Alternate Facility (or Generator)						Month	Day	Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1. H110		2.		3.		4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a									
Printed/Typed Name ROBERTA SMITH				Signature <i>Roberta Smith</i>		Month 4	Day 23	Year 14	



75 YEARS STRONG.

**Certificate of Disposal**

**Facility Name:** Peoria Disposal Company

**Address:** 4345 Southport Road  
Peoria, IL 61614

**Phone:** 309-676-4898

**USEPA/IEPA ID:** ILD000000812/1438120001

**Generator:** US Naval Support Activity Crane Division

**Address:** 300 Highway 301  
Crane, IN. 47522

Peoria Disposal Company hereby certifies the receipt of waste material from US Naval Support Activity Crane Division described on Illinois Hazardous MTN: 012396773 JJK. Received on: 4-23-14.

This material was disposed of in compliance with the State of Illinois and Federal Regulations. The method of disposal is treatment to Decharacterize and meet Universal Treatment Standards. Disposal is in a RCRA Subtitle D Landfill Facility.

Permit: 010027-30547

Signed: *Carolyn [Signature]*  
Gate Control Supervisor

Dated: 4-28-14

PEORIA DISPOSAL COMPANY

www.pdcarea.com

340 Truck # 680

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>	1. Generator ID Number INS 170 023 003	2. Page 1 of 1	3. Emergency Response Phone 814-673-0000	4. Manifest Tracking Number <b>012395772 JJK</b>	
5. Generator's Name and Mailing Address US NAVAL SUPPORT ACTIVITY CRANE DIVISION BALLEWILLE 7300-55 Bldg Generator's Phone: <del>812-854-0160</del> 812-854-0160			Generator's Site Address (if different than mailing address) PROXIE BUILDING 3048 800 HIGHWAY 381 CRANE, IN 47820		
6. Transporter 1 Company Name BEELMAN TRUCKING			U.S. EPA ID Number ILR 000 005 008		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address 4249 SOUTHPORT ROAD PECUMIA, IL 61618 Facility's Phone: 309-576-4300			U.S. EPA ID Number ILD 000 805 012		
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity
			No.	Type	12. Unit Wt./Vol.
		1. RIFLE RANGE COIL (LEAD)	1	DT	46.60
		2.			
		3.			
	4.				
13. Waste Codes 0003					
14. Special Handling Instructions and Additional Information RIFLE RANGE COIL NAERG = 171 PERMIT # 000327-90047					
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.					
Generators/Offeror's Printed/Typed Name Thomas J. Brent			Signature <i>Thomas J. Brent</i>		Month Day Year 4 23 14
INTL	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____				
	17. Transporter Acknowledgment of Receipt of Materials				
TRANSPORTER	Transporter 1 Printed/Typed Name Bryan Heck			Signature <i>Bryan Heck</i>	
	Transporter 2 Printed/Typed Name			Signature	
DESIGNATED FACILITY	18. Discrepancy				
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection				
	18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____				
	18c. Signature of Alternate Facility (or Generator) Month Day Year				
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)					
1. <i>H110</i>		2.		3.	
4.					
20. Designated Facility Owner or Operator Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a					
Printed/Typed Name LORNA M. WEAVER			Signature <i>Lorna M. Weaver</i>		Month Day Year 4 23 14



75 YEARS STRONG.

**Certificate of Disposal**

**Facility Name:** Peoria Disposal Company

**Address:** 6000 Courtyard Road  
Peoria, IL 61614

**Phone:** 309-675-4489

**USEPA/IEPA ID:** IL0400005812/1498100001

**Generator:** U.S. Army Corps of Engineers, Great Lakes

**Address:** 300 Highway 901  
Crest, IN 47522

Peoria Disposal Company hereby certifies the receipt of waste material from U.S. Army  
Support Activity Great Lakes described on Illinois Hazardous

MTN: 012396772JJK Received on: 4-23-14

This material was disposed of in compliance with the State of Illinois and Federal Regulations. The method of disposal is treatment to Decharacterize and meet Universal Treatment Standards. Disposal is in a RCRA Subtitle D Landfill Facility.

Form ID: 0001/17 3/04

Signed: *Carolyn [Signature]*  
Gate Control Supervisor

Dated: 4-28-14

PEORIA DISPOSAL COMPANY

www.pdcarea.com

3044 482

344

Trucks 3044

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number INS 170 028 486	2. Page 1 of 1	3. Emergency Response Phone # 14-028-5335	4. Manifest Tracking Number <b>012396775 JJK</b>			
5. Generator's Name and Mailing Address US NAVAL SUPPORT ACTIVITY GRAVE DIVISION <del>Post Box</del> Thomas J. Brent Generator's Phone: <del>312-854-6160</del> 312-854-6160				Generator's Site Address (if different than mailing address) PRCAZ BUILDING 3042 300 HIGHWAY 391 GRAND JUNCTION				
6. Transporter 1 Company Name BELMAN TRUCKING				U.S. EPA ID Number LA 000 186 230				
7. Transporter 2 Company Name				U.S. EPA ID Number				
8. Designated Facility Name and Site Address RIFLE 4348 SOUTHPORT ROAD RIFLE, CO 81615 Facility's Phone: 303-676-4803				U.S. EPA ID Number LD 000 805 812				
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		1001 NAJ07, HAZARDOUS WASTE SOLID, INCL. B, PAIL (008) (LEAD)		1	DT	47.500	P	0009
	2.							
	3.							
	4.							
14. Special Handling Instructions and Additional Information RIFLE RANGE SOIL PERMIT # 000327-30847 HAERG # 271								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offorer's Printed/Typed Name Thomas J. Brent				Signature <i>Thomas J. Brent</i>		Month Day Year 4 23 14		
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
	17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name RICHARD A. McDEVITT				Signature <i>Richard A. McDevitt</i>		Month Day Year 4 23 14		
Transporter 2 Printed/Typed Name				Signature		Month Day Year		
DESIGNATED FACILITY	18. Discrepancy							
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
	18b. Alternate Facility (or Generator) U.S. EPA ID Number							
	18c. Signature of Alternate Facility (or Generator) Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1. H10		2.		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name Jeffrey A. Foshay				Signature <i>Jeffrey A. Foshay</i>		Month Day Year 04 23 14		

DESIGNATED FACILITY TO GENERATOR STATE (IF REQUIRED)



75 YEARS STRONG.

**Certificate of Disposal**

**Facility Name:** \_\_\_\_\_

**Address:** \_\_\_\_\_  
Peoria, IL 61615

**Phone:** 309-679-1851

**USEPA/EPA ID:** IL0000809812/1438220003

**Generator:** US Naval Support Activity Crane Division

**Address:** 800 Highway 361  
Crane, IN 47522

Peoria Disposal Company hereby certifies the receipt of waste material from US Naval Support Activity Crane Division described on Illinois Hazardous MTN: 012396775 JJK. Received on: 4-23-14.

This material was disposed of in compliance with the State of Illinois and Federal Regulations. The method of disposal is treatment to Decharacterize and meet Universal Treatment Standards. Disposal is in a RCRA Subtitle D Landfill Facility.

Permit: 000027-20847

Signed: Carolyn [Signature]  
~~Gate Control Supervisor~~

Dated: 4-28-14

PEORIA DISPOSAL COMPANY

www.pdcarea.com

345

Truck # 3021

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved, OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number INS 170023-492	2. Page 1 of 1	3. Emergency Response Phone 814-823-8788	4. Manifest Tracking Number 012396776 JJK		
5. Generator's Name and Mailing Address US NAVAL SUPPORT ACTIVITY CRANE DIVISION Thomas J. Bicut				Generator's Site Address (if different than mailing address) EXERCISE BUILDING 3042 300 HIGHWAY 301 CRANE, IN 47825			
Generator's Phone: 812-254-6160							
6. Transporter 1 Company Name SHELDON TRUCKING					U.S. EPA ID Number IL0000135358		
7. Transporter 2 Company Name					U.S. EPA ID Number		
8. Designated Facility Name and Site Address 4348 SOUTHPORT ROAD PEORIA, IL 61615					U.S. EPA ID Number IL0000200612		
Facility's Phone: 309-697-9488							
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
	1. (1005) (LEAD)	1	DT	47,320	P	0003	
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information RIFLE RANGE SOIL PERMIT # 000807-90847 NAERG # 172							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable International and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offeror's Printed/Typed Name Thomas J. Bicut				Signature <i>Thomas J. Bicut</i>		Month Day Year 4 23 14	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name Ed Marshall				Signature <i>Ed Marshall</i>		Month Day Year 4 23 14	
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input checked="" type="checkbox"/> Full Rejection							
Manifest Reference Number: _____							
18b. Alternate Facility (or Generator)					U.S. EPA ID Number		
Facility's Phone: _____							
18c. Signature of Alternate Facility (or Generator)						Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. H10		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name Jeffrey A. Fashay				Signature <i>Jeffrey A. Fashay</i>		Month Day Year 04 23 14	

GENERATOR

TRANSPORTER INT'L

DESIGNATED FACILITY



75 YEARS STRONG.

**Certificate of Disposal**

**Facility Name:** Peoria Disposal Company

**Address:** 4349 Southport Road  
Peoria IL 61615

**Phone:** 309-676-4893

**USEPA/IEPA ID:** ILD0000005812/1436120003

**Generator:** US Naval Support Activity Crane Division

**Address:** 300 Highway 361  
Grope, IN 41522

Peoria Disposal Company hereby certifies the receipt of waste material from US Naval Support Activity Crane Division described on Illinois Hazardous MTN: 012396776 JJK. Received on: 4-23-14.

This material was disposed of in compliance with the State of Illinois and Federal Regulations. The method of disposal is treatment to Decharacterize and meet Universal Treatment Standards. Disposal is in a RCRA Subtitle D Landfill Facility.

Permit: 000327-30847

Signed:   
-Gate Control Supervisor-

Dated: 4-28-14

PEORIA DISPOSAL COMPANY

www.pdcarea.com

343 Truck # 992

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number INS 170 023 486		2. Page 1 of 1		3. Emergency Response Phone 314-623-3385		4. Manifest Tracking Number <b>012396774 JJK</b>			
		5. Generator's Name and Mailing Address US NAVAL SUPPORT ACTIVITY CRANE DIVISION <del>PHOTOGRAPH</del> Thomas J. Brent Generator's Phone: <del>314-623-3385</del> 312-254-6160						Generator's Site Address (if different than mailing address) PRO42 BUILDING 3340 300 HIGHWAY 361 CRANE, IN 47522			
6. Transporter 1 Company Name BERLMAN TRUCKING								U.S. EPA ID Number ILP 000 024 258			
7. Transporter 2 Company Name								U.S. EPA ID Number			
8. Designated Facility Name and Site Address 4343 SOUTHPORT ROAD PEORIA, IL 61616 Facility's Phone: 309-876-6583								U.S. EPA ID Number PLD 000 516 342			
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
			No.	Type							
		1. RCRA EXCEPTED HAZARDOUS WASTE SOLID, NOS, 3, PG III (DOGS) (LEAD)				1	DT	48.780	P	DOGS	
		2.									
		3.									
	4.										
14. Special Handling Instructions and Additional Information FILE RANGE SOIL NAERG = 171 PERMIT # 003927-30847											
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.											
Generator's/Offeror's Printed/Typed Name Thomas J. Brent						Signature <i>Thomas J. Brent</i>		Month Day Year 4 23 14			
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____										
	17. Transporter Acknowledgment of Receipt of Materials										
TRANSPORTER	Transporter 1 Printed/Typed Name BRUCE CLOVER 992-38817						Signature <i>Bruce Clover</i>		Month Day Year 11 23 14		
	Transporter 2 Printed/Typed Name						Signature		Month Day Year		
DESIGNATED FACILITY	18. Discrepancy										
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection										
	18b. Alternate Facility (or Generator) U.S. EPA ID Number										
	Facility's Phone:										
18c. Signature of Alternate Facility (or Generator)								Month Day Year			
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)											
1. H10			2.			3.			4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a											
Printed/Typed Name Jeffrey A. Foshtoy						Signature <i>Jeffrey A. Foshtoy</i>		Month Day Year 04 23 14			



75 YEARS STRONG.

**Certificate of Disposal**

**Facility Name:** Peoria Disposal Company

**Address:** 4349 Southport Road  
Peoria, IL 61615

**Phone:** 309-676-4854

**USEPA/IEPA ID:** 3110106058 (2/1438120003)

**Generator:** US Naval Support Activity Crane Division

**Address:** 1441 Highway 361  
Crane, IN 47522

PEL hereby certifies the receipt of waste material from US Naval Support Activity Crane Division described on Illinois Hazardous Waste Manifest (MTN): 012306774 JJK. Received on: 4-23-14.

This material was disposed of in compliance with the State of Illinois and Federal Regulations. The method of disposal is treatment to Decharacterize and meet Universal Treatment Standards. Disposal is in a RCRA Subtitle D Landfill Facility.

Permit: 010327-30047

Signed: *Carolyn Seal*  
-Gate Control Supervisor

Dated: 4-28-14

PEORIA DISPOSAL COMPANY

www.pdcarea.com

342

Truck # 414

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number IND 270 013 188	2. Page 1 of 1	3. Emergency Response Phone 834 623 5323	4. Manifest Tracking Number 012 396760 JJK					
5. Generator's Name and Mailing Address US NAVAL SUPPORT ACTIVITY ORANGE DIVISION <del>THOMAS J. BREW</del> Thomas J. Brew				Generator's Site Address (if different than mailing address) PAC-4, BUILDING 3345 300 HIGHWAY 261 ORANGE, IN 47331						
Generator's Phone <del>317 555 5555</del> 317 554-6160										
6. Transporter 1 Company Name BEELMAN TRUCKING					U.S. EPA ID Number ILR 000 108 226					
7. Transporter 2 Company Name					U.S. EPA ID Number					
8. Designated Facility Name and Site Address PAC-4 4348 SOUTHPORT ROAD PACIFIC, IL 61815					U.S. EPA ID Number ILD 000 509 842					
Facility's Phone: 309 578 4583										
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		1. RIFLE RANGE SOIL (0008); LEAD		No.	Type	48,360	9	7008		
		2.								
		3.								
		4.								
14. Special Handling Instructions and Additional Information RIFLE RANGE SOIL PERMIT # 000187-00017 HAERL # 171										
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.										
Generator's/Officer's Printed/Typed Name Thomas J. Brew					Signature <i>Thomas J. Brew</i>		Month 4	Day 23	Year 74	
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
	17. Transporter Acknowledgment of Receipt of Materials									
	Transporter 1 Printed/Typed Name <i>Tom Beelman</i>					Signature <i>Tom Beelman</i>		Month 4	Day 23	Year 74
	Transporter 2 Printed/Typed Name					Signature		Month	Day	Year
DESIGNATED FACILITY	18. Discrepancy									
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
	18b. Alternate Facility (or Generator) U.S. EPA ID Number									
	Facility's Phone: _____									
	18c. Signature of Alternate Facility (or Generator)							Month	Day	Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)										
	1. H10	2.	3.	4.						
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a										
Printed/Typed Name Jeffrey A. Kashay					Signature <i>Jeffrey A. Kashay</i>		Month 04	Day 23	Year 74	



75 YEARS STRONG.

### Certificate of Disposal

**Facility Name:** Peoria Disposal Company

**Address:** 4349 Southport Road  
Peoria, IL 61618

**Phone:** 309-676-8890

**USEPA/IEPA ID:** ILD0000805612/1488120003

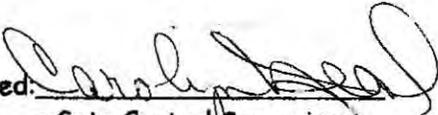
**Generator:** US Naval Support Activity Crane Division

**Address:** 512 Highway 301  
Crane, IN 47522

Peoria Disposal Company hereby certifies the receipt of waste material from US Naval Support Activity Crane Division described on Illinois Hazardous MTN: 012391760 JTK. Received on: 4-23-14.

This material was disposed of in compliance with the State of Illinois and Federal Regulations. The method of disposal is treatment to Decharacterize and meet Universal Treatment Standards. Disposal is in a RCRA Subtitle D Landfill Facility.

Permit: 000027-80847

Signed:   
~~Gate Control Supervisor~~

Dated: 4-28-14

PEORIA DISPOSAL COMPANY

www.pdcarea.com

346 Truck #13045

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>	1. Generator ID Number INC 170 023 488	2. Page 1 of 1	3. Emergency Response Phone 814-557-8780	4. Manifest Tracking Number <b>012386753 JJK</b>	
5. Generator's Name and Mailing Address <b>US NAVAL SUPPORT ACTIVITY CRANE DIVISION <del>THOMAS J. BRENT</del></b>			Generator's Site Address (if different than mailing address) <b>PHOENIX BUILDING 3243 300 HIGHWAY 981 CRANE IN 47522</b>		
Generator's Phone: <b>404-558-8888 812-854-6160</b>					
6. Transporter 1 Company Name <b>BEELMAN TRUCKING</b>				U.S. EPA ID Number <b>ILR 050 435 030</b>	
7. Transporter 2 Company Name				U.S. EPA ID Number	
8. Designated Facility Name and Site Address <b>Y0071 4345 SOUTHPORT ROAD PEORIA, IL 61615</b>				U.S. EPA ID Number <b>IL0 000 805 812</b>	
Facility's Phone: <b>308-876-6693</b>					
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.
	<b>HAZARDOUS WASTE SOLID, NOS 2, P001 (200) (END)</b>	<b>1 DT 41,760 P</b>			<b>0000</b>
14. Special Handling Instructions and Additional Information <b>RIFLE RANGE SOIL NAERG # 171 PERMIT # 00087-00817</b>					
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable International and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.					
Generator's/Offeror's Printed/Typed Name <b>Thomas J. Brent</b>			Signature <i>Thomas J. Brent</i>		Month Day Year <b>4 23 14</b>
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____					
17. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name <b>Richard Crawford</b>			Signature <i>Richard Crawford</i>		Month Day Year <b>4 23 14</b>
Transporter 2 Printed/Typed Name			Signature		Month Day Year
18. Discrepancy					
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____					
18b. Alternate Facility (or Generator)				U.S. EPA ID Number	
Facility's Phone: _____					
18c. Signature of Alternate Facility (or Generator)				Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)					
1.	2.	3.	4.		
<b>H10</b>					
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a					
Printed/Typed Name <b>Jeffrey A. Fosky</b>			Signature <i>Jeffrey A. Fosky</i>		Month Day Year <b>04 23 14</b>

GENERATOR  
TRANSPORTER INT'L  
DESIGNATED FACILITY



75 YEARS STRONG.

**Certificate of Disposal**

**Facility Name:** Peoria Disposal Company

**Address:** 4349 Southport Road  
Peoria, IL 61615

**Phone:** 309-676-4883

**USEPA/IEPA ID:** 110000805512, 1430120003

**Generator:** The main support activity from the

**Address:** 617 Highway 562  
Greene, IN 47522

hereby certifies the receipt of waste material from Support Activity Crane Division described on Illinois Hazardous  
MTN: 012396763JJK Received on: 4-23-14

This material was disposed of in compliance with the State of Illinois and Federal Regulations. The method of disposal is treatment to Decharacterize and meet Universal Treatment Standards. Disposal is in a RCRA Subtitle D Landfill Facility.

Permit: 000107-30847

Signed: *Carolyn [Signature]*  
Gate Control Supervisor

Dated: 4-28-14

PEORIA DISPOSAL COMPANY

www.pedea.com

347 Truck # 3041

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number NLS 170 023 492	2. Page 1 of 1	3. Emergency Response Phone 314 623 5450	4. Manifest Tracking Number 012396762 JJK
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5. Generator's Name and Mailing Address US NAVAL SUPPORT ACTIVITY CRANE DIVISION P.O. Box Thomas J. Brent	Generator's Site Address (if different than mailing address) 19342 BUILDING 3348 300 HIGHWAY 981 CRANE IN 47522
Generator's Phone: 414 222 0445 812-954-6160	

6. Transporter 1 Company Name BEELMAN TRUCKING	U.S. EPA ID Number ILR 000 170 206
---	---------------------------------------

7. Transporter 2 Company Name	U.S. EPA ID Number
-------------------------------	--------------------

8. Designated Facility Name and Site Address 4343 SOUTHPORT ROAD PEORIA IL 61615	U.S. EPA ID Number ILD 000 800 312
Facility's Phone: 309 876 4665	

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		No.	Type			
	1. RIFLE RANGE SOIL (LEAD)	1	DT	26.00	P	2008
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information RIFLE RANGE SOIL PERMIT # 000827 30847	NAER# = 271
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15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offor's Printed/Typed Name Thomas J. Brent	Signature <i>Thomas J. Brent</i>	Month 11	Day 25	Year 14
---	-------------------------------------	-------------	-----------	------------

16. International Shipments <input type="checkbox"/> Import to U.S. Transporter signature (for exports only):	<input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:
---	--

17. Transporter Acknowledgment of Receipt of Materials	
Transporter 1 Printed/Typed Name Louis F. ...	Signature <i>Louis F. ...</i>
Transporter 2 Printed/Typed Name	Signature

18. Discrepancy	
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection	Manifest Reference Number:

18b. Alternate Facility (or Generator)	U.S. EPA ID Number
Facility's Phone:	

18c. Signature of Alternate Facility (or Generator)	Month Day Year
---	----------------------

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)			
1. H110	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a	
Printed/Typed Name Jeffrey A. Fishay	Signature <i>Jeffrey A. Fishay</i>
	Month Day Year 04 23 14



75 YEARS STRONG.

**Certificate of Disposal**

**Facility Name:** Peoria Area Landfill

**Address:** 200 Highway 361  
Peoria, IL 61618

**Phone:** 309-676-4891

**USEPA/IEPA ID:** IL270000001413-0001

**Generator:** US Naval Support Activity Crane Division

**Address:** 200 Highway 361  
Crane, IN 47122

Peoria Disposal Company hereby certifies the receipt of waste material from US Naval Support Activity Crane Division described on Illinois Hazardous  
MTN: 012396762 JTB Received on: 4-23-14

This material was disposed of in compliance with the State of Illinois and Federal Regulations. The method of disposal is treatment to Decharacterize and meet Universal Treatment Standards. Disposal is in a RCRA Subtitle D Landfill Facility.

Permit: 001327-30847

Signed: [Signature]  
-Gate Control Supervisor

Dated: 4-28-14

PEORIA DISPOSAL COMPANY

www.pdcarea.com

PDF

PEORIA DISPOSAL CO-LDF #1			
4349 SOUTHPORT ROAD			
PEORIA, IL 616150000			
3096764893			
USEPA: ILD000805812			
IEPA: 1438120003			
Scale Ticket:	2210596	Date:	04/22/14
		Time In:	13:46:54
		Time Out:	14:19:03
	139996	Gross Weight:	79640
	VRHABILIS-KEMRON LLC	Tare Weight:	29780
	A JOINT VEN	Net Weight:	49860
	1359 A ELLSWORTH INDUST B		
	ATLANTA GA 30318		
Manifest Number:	12396766	Units:	24.93 . TN
Permit Number:	10030847		
Waste Description:	RIFLE RANGE SOIL		

PDF

PEORIA DISPOSAL CO-LDF #1			
4349 SOUTHPORT ROAD			
PEORIA, IL 616150000			
3096764893			
USEPA: ILD000805812			
IEPA: 1438120003			
Scale Ticket:	2210597	Date:	04/22/14
		Time In:	13:56:51
		Time Out:	14:35:37
	139996		
	VRHABILIS-KEMRON LLC	Gross Weight:	79120
	A JOINT VEN	Tare Weight:	27620
	1359 A ELLSWORTH INDUST B	Net Weight:	51500
	ATLANTA GA 30318		
Manifest Number:	12396765	Units:	25.75 . TN
Permit Number:	10030847		
Waste Description:	RIFLE RANGE SOIL		

PDF

PEORIA DISPOSAL CO-LDF #1 4349 SOUTHPORT ROAD PEORIA, IL 616150000 3096764893			
USEPA: ILD000805812 IEPA: 1438120003			
Scale Ticket:	2210598	Date:	04/22/14
		Time In:	13:54:03
		Time Out:	14:37:49
139996 VRHABILIS-KEMRON LLC A JOINT VEN 1359 A ELLSWORTH INDUST B ATLANTA GA 30318		Gross Weight:	78880
		Tare Weight:	27680
		Net Weight:	51200
Manifest Number:	12396764	Units:	25.60 . TN
Permit Number:	10030847		
Waste Description:	RIFLE RANGE SOIL		

PDF

PEORIA DISPOSAL CO-LDF #1 4349 SOUTHPORT ROAD PEORIA, IL 616150000 3096764893			
USEPA: ILD000805812 IEPA: 1438120003			
Scale Ticket:	2210599	Date:	04/22/14
		Time In:	14:12:34
		Time Out:	14:48:32
	139996 VRHABILIS-KEMRON LLC A JOINT VEN 1359 A ELLSWORTH INDUST B ATLANTA GA 30318	Gross Weight:	78020
		Tare Weight:	27540
		Net Weight:	50480
Manifest Number:	12396768	Units:	25.24 . TN
Permit Number:	10030847		
Waste Description:	RIFLE RANGE SOIL		

PDF

PEORIA DISPOSAL CO-LDF #1			
4349 SOUTHPORT ROAD			
PEORIA, IL 616150000			
3096764893			
USEPA: ILD000805812			
IEPA: 1438120003			
Scale Ticket:	2210600	Date:	04/22/14
		Time In:	14:17:19
		Time Out:	14:52:45
	139996	Gross Weight:	78060
	VRHABILIS-KEMRON LLC	Tare Weight:	27580
	A JOINT VEN	Net Weight:	50480
	1359 A ELLSWORTH INDUST B		
	ATLANTA GA 30318		
Manifest Number:	12396767	Units:	25.24 TN
Permit Number:	10030847		
Waste Description:	RIFLE RANGE SOIL		

PDF

PEORIA DISPOSAL CO-LDF #1 4349 SOUTHPORT ROAD PEORIA, IL 616150000 3096764893			
USEPA: ILD000805812 IEPA: 1438120003			
Scale Ticket:	2210601	Date:	04/22/14
		Time In:	14:43:33
		Time Out:	15:10:53
	139996	Gross Weight:	78560
	VRHABILIS-KEMRON LLC	Tare Weight:	25060
	A JOINT VEN	Net Weight:	53500
	1359 A ELLSWORTH INDUST B		
	ATLANTA GA 30318		
Manifest Number:	12396769	Units:	26.75 TN
Permit Number:	10030847		
Waste Description:	RIFLE RANGE SOIL		

PDF

PEORIA DISPOSAL CO-LDF #1 4349 SOUTHPORT ROAD PEORIA, IL 616150000 3096764893			
USEPA: ILD000805812 IEPA: 1438120003			
Scale Ticket:	2210604	Date:	04/22/14
		Time In:	16:28:51
		Time Out:	16:46:48
	139996		
	VRHABILIS-KEMRON LLC	Gross Weight:	80720
	A JOINT VEN	Tare Weight:	30980
	1359 A ELLSWORTH INDUST B	Net Weight:	49740
	ATLANTA GA 30318		
Manifest Number:	12396770	Units:	24.87 . TN
Permit Number:	10030847		
Waste Description:	RIFLE RANGE SOIL		

PDF

PEORIA DISPOSAL CO-LDF #1			
4349 SOUTHPORT ROAD			
PEORIA, IL 616150000			
3096764893			
USEPA: ILD000805812			
IEPA: 1438120003			
Scale Ticket:	2210605	Date:	04/22/14
		Time In:	16:33:55
		Time Out:	16:51:04
	139996	Gross Weight:	79980
	VRHABILIS-KEMRON LLC	Tare Weight:	31240
	A JOINT VEN	Net Weight:	48740
	1359 A ELLSWORTH INDUST B		
	ATLANTA GA 30318		
Manifest Number:	12396771	Units:	24.37 . TN
Permit Number:	10030847		
Waste Description:	RIFLE RANGE SOIL		

WIA DISPOSAL CO-LDF #1  
P.O. Box 9071  
Morris, IL 61612-9071  
(309) 688-0760

Scale Ticket

Customer: 139996 VRHABILIS-KEMRON LLC

Tkt# 2210622-PDC

Permit: 10030847 RIFLE RANGE SOIL JbTyp: T TREATMENT Prod: H HAZ  
327

Hauler: 05 BEELMAN TRUCKING Ld Tkt: Sched:

Manifest No: 12396772

Manif Qty: 20 Y \*\*\* Rejected Units

Other Qty: 0 #Wastes on-Board: 1

In: 12:59 PM 04/23/14 Weight: 76,360

Out: 1:50 PM 04/23/14 29,700

Net: 46,660 23.33T

Disposal Charges: \*\* You'll be invoiced for any amts outstanding \*\*  
Extra Charges:

Cash Collected: \$0.00 Total Chrgs: \*\*\*\*\*

Color: BRN Pntrmtr: Paint Fltr: P PH: 7.5

Truck-Id: 680

341  
RIA DISPOSAL CO-LDF #1  
O. Box 9071  
eoria, IL 61612-9071  
(309) 688-0760

Scale Ticket

Customer: 139996 VRHABILIS-KEMRON LLC

Tkt# 2210620-PDC

Permit: 10030847 RIPLE RANGE SOIL JbTyp: T TREATMENT Prod: H HAZ  
327

Hauler: 05 BEELMAN TRUCKING Ld Tkt: Sched:

Manifest No: 12396773

Manif Qty: 21 Y \*\*\* Rejected Units

Other Qty: 0 #Wastes on-Board: 1

In: 1:10 PM 04/23/14 Weight: 74,100

Out: 1:43 PM 04/23/14 24,960

Net: 49,140 24.57T

Disposal Charges: \*\* You'll be invoiced for any amts outstanding \*\*  
Extra Charges:

Cash Collected: \$0.00

Total Chrgs: \*\*\*\*\*

Color: BRN Pntrmtr: Paint Fltr: P PH: 7.5

Truck-Id: 500

342

WASTE DISPOSAL CO-LDF #1  
BOX 9071  
MORRIS, IL 61612-9071  
(815) 688-0760

Scale Ticket

Customer: 139996 VRHABILIS-KEMRON LLC

Tkt# 2210629-PDC

Permit: 10030847 RIFLE RANGE SOIL      JbTyp: T TREATMENT      Prod: H HAZ  
327

Hauler: 05 BEELMAN TRUCKING      Ld Tkt:      Sched:

Manifest No: 12396760

Manif Qty: 20 Y \*\*\*      Rejected Units

Other Qty: 0      #Wastes on-Board: 1

In: 2:27 PM      04/23/14      Weight: 79,000

Out: 3:18 PM      04/23/14      30,680

Net: 48,320 24.16T

Disposal Charges: \*\* You'll be invoiced for any amts outstanding \*\*  
Extra Charges:

Cash Collected: \$0.00      Total Chrgs: \*\*\*\*\*

Color: BRN      Pntmtr:      Paint Fltr: P      PH: 7.9

Truck-Id: 414

343

LA DISPOSAL CO-LDF #1  
Box 9071  
Morris, IL 61612-9071  
(309) 688-0760

Scale Ticket

Customer: 139996 VRHABILIS-KEMRON LLC

Tkt# 2210628-PDC

Permit: 10030847 RIFLE RANGE SOIL JbTyp: T TREATMENT Prod: H HAZ  
327

Hauler: 05 BEELMAN TRUCKING Ld Tkt: Sched:

Manifest No: 12396774

Manif Qty: 21 Y \*\*\* Rejected Units

Other Qty: 0 #Wastes on-Board: 1

In: 2:25 PM 04/23/14 Weight: 79,080

Out: 3:11 PM 04/23/14 30,340

Net: 48,740 24.37T

Disposal Charges: \*\* You'll be invoiced for any amts outstanding \*\*  
Extra Charges:

Cash Collected: \$0.00 Total Chrgs: \*\*\*\*\*

Color: BRN Pntrmtr: Paint Fltr: P PH: 8.1

Truck-Id: 992

344

KIA DISPOSAL CO-LDF #1  
P.O. Box 9071  
Peoria, IL 61612-9071  
(309) 688-0760

Scale Ticket

Customer: 139996 VRHABILIS-KEMRON LLC

Tkt# 2210625-PDC

Permit: 10030847 RIFLE RANGE SOIL      JbTyp: T TREATMENT      Prod: H HAZ  
327

Hauler: 05 BEELMAN TRUCKING      Ld Tkt:      Sched:

Manifest No: 12396775

Manif Qty: 21 Y \*\*\*      Rejected Units

Other Qty: 0      #Wastes on-Board: 1

In: 2:19 PM      04/23/14      Weight: 77,480

Out: 2:58 PM      04/23/14      27,440

Net: 50,040 25.02T

Disposal Charges: \*\* You'll be invoiced for any amts outstanding \*\*  
Extra Charges:

Cash Collected: \$0.00      Total Chrgs: \*\*\*\*\*

Color: BRN      Pntrmtr:      Paint Fltr: P      PH: 8.1

Truck-Id: 3044

345

RIA DISPOSAL CO-LDF #1  
P.O. Box 9071  
Moria, IL 61612-9071  
(309) 688-0760

Scale Ticket

Customer: 139996 VRHABILIS-KEMRON LLC

Tkt# 2210627-PDC

Permit: 10030847 RIFLE RANGE SOIL  
327

JbTyp: T TREATMENT

Prod: H HAZ

Hauler: 05 BEELMAN TRUCKING

Ld Tkt:

Sched:

Manifest No: 12396776

Manif Qty: 20 Y \*\*\*

Rejected Units

Other Qty: 0

#Wastes on-Board: 1

In: 2:23 PM

04/23/14

Weight: 74,880

Out: 3:02 PM

04/23/14

27,320

Net: 47,560 23.78T

Disposal Charges: \*\* You'll be invoiced for any amts outstanding \*\*  
Extra Charges:

Cash Collected: \$0.00

Total Chrgs: \*\*\*\*\*

Color: BRN

Pntrmtr:

Paint Fltr: P

PH: 7.8

Truck-Id: 3021

346

WASTE DISPOSAL CO-LDP #1  
Box 9071  
Jria, IL 61612-9071  
309) 688-0760

Scale Ticket

Customer: 139996 VRHABILIS-KEMRON LLC

Tkt# 2210630-PDC

Permit: 10030847 RIFLE RANGE SOIL  
327

JbTyp: T TREATMENT

Prod: H HAZ

Hauler: 05 BEELMAN TRUCKING

Ld Tkt:

Sched:

Manifest No: 12396763

Manif Qty: 19 Y \*\*\*

Rejected Units

Other Qty: 0

#Wastes on-Board: 1

In: 2:54 PM

04/23/14

Weight: 72,720

Out: 3:24 PM

04/23/14

27,880

Net: 44,840 22.42T

Disposal Charges: \*\* You'll be invoiced for any amts outstanding \*\*  
Extra Charges:

Cash Collected: \$0.00

Total Chrgs: \*\*\*\*\*

Color: BRN

Pntrmtr:

Paint Fltr: P

PH: 8.5

Truck-Id: 3043

397

DISPOSAL CO-LDF #1  
BX 9071  
IL 61612-9071  
688-0760

Scale Ticket

Customer: 139996 VRHABILIS-KEMRON LLC

Tkt# 2210631-PDC

Permit: 10030847 RIFLE RANGE SOIL JbTyp: T TREATMENT Prod: H HAZ  
327

Hauler: 05 BEELMAN TRUCKING Ld Tkt: Sched:

Manifest No: 12396762

Manif Qty: 11 Y \*\*\* Rejected Units

Other Qty: 0 #Wastes on-Board: 1

In: 3:19 PM 04/23/14 Weight: 54,640

Out: 3:36 PM 04/23/14 28,180

Net: 26,460 13.23T

Disposal Charges: \*\* You'll be invoiced for any amts outstanding \*\*  
Extra Charges:

Cash Collected: \$0.00 Total Chrgs: \*\*\*\*\*

Color: BRN Pntrmtr: Paint Fltr: P PH: 9.2

Truck-Id: 3041

**APPENDIX D**

**IM ANALYTICAL DATA**



**Laboratory Report Number:** L14020741

Kim Williams  
CASH  
8366 East St. Rd 144  
Morrisville, IN 46158

Please find enclosed the analytical results for the samples you submitted to Microbac Laboratories. Review and compilation of your report was completed by Microbac's Ohio Valley Division (OVD). If you have any questions, comments, or require further assistance regarding this report, please contact your service representative listed below.

Laboratory Contact:  
Kathy Albertson – Team Chemist/Data Specialist  
(740) 373-4071  
Kathy.Albertson@microbac.com

*I certify that all test results meet all of the requirements of the accrediting authority listed below. All results for soil samples are reported on a 'dry-weight' basis unless specified otherwise. Analytical results for water and wastes are reported on a 'as received' basis unless specified otherwise. A statement of uncertainty for each analysis is available upon request. This laboratory report shall not be reproduced, except in full, without the written approval of Microbac Laboratories. The reported results are related only to the samples analyzed as received.*

This report was certified on February 24 2014

David Vandenberg – Managing Director

State of Origin: IN  
Accrediting Authority: N/A ID:N/A  
QAPP: Microbac OVD



## Record of Sample Receipt and Inspection

### Comments/Discrepancies

This is the record of the shipment conditions and the inspection records for the samples received and reported as a sample delivery group (SDG). All of the samples were inspected and observed to conform to our receipt policies, except as noted below.

The following discrepancies were noted:

Discrepancy	Resolution
No products listed on the chain of custody. CLS	Will log per the quotation and kit provided. KRA
The client used "container numbers" as the IDs. CLS	Please log per the sample ID on the bottles

### Coolers

Cooler #	Temperature Gun	Temperature	COC #	Airbill #	Temp Required?
0019045	H	5.0		1001847352110004575000803713870498	

### Inspection Checklist

#	Question	Result
1	Were shipping coolers sealed?	Yes
2	Were custody seals intact?	Yes
3	Were cooler temperatures in range of 0-6?	Yes
4	Was ice present?	No
5	Were COC's received/information complete/signed and dated?	No
6	Were sample containers intact and match COC?	Yes
7	Were sample labels intact and match COC?	No
8	Were the correct containers and volumes received?	Yes
9	Were samples received within EPA hold times?	Yes
10	Were correct preservatives used? (water only)	NA
11	Were pH ranges acceptable? (voa's excluded)	NA
12	Were VOA samples free of headspace (less than 6mm)?	NA

**Lab Report #:** L14020741

**Lab Project #:** 2069.333

**Project Name:** Prairie Materials

**Lab Contact:** Kathy Albertson

**Samples Received**

Client ID	Laboratory ID	Date Collected	Date Received
SBF	L14020741-01	02/12/2014 14:30	02/15/2014 12:21



**Login Number:** L14020741  
**Department:** General Chromatography  
**Analyst:** Eric Lawson

**METHOD**

**Analysis** SW-846 8151A

**HOLDING TIMES**

**Sample Preparation:** All holding times were met.

**Sample Analysis:** All holding times were met.

**PREPARATION**

Sample preparation proceeded normally.

**CALIBRATION**

**Initial Calibration:** For all compounds that yielded a %RSD greater than 20%, linear or higher order equations were applied. All acceptance criteria were met.

**Alternate Source Standards:** All acceptance criteria were met.

**Continuing Calibration and Tune:** All acceptance criteria were met.

**BATCH QA/QC**

**Method Blank:** All acceptance criteria were met.

**Laboratory Control Sample:** This compound was not found in the sample associated with this failure.

Sample #	Analyte	Date	Result	Lower	Upper	Type
WG463734-02	Dicamba	2014-02-20 21:25:00	159	30	145	Recovery

**Matrix Spikes:** There were no MS/MSD results associated with this sample delivery group, due to insufficient volume of sample. The laboratory included an LCS and LCS duplicate in the preparation batch in lieu of the NELAC prescribed MS/MSD. Microbac recommends site specific MS/MSD samples to avoid possible data qualification.

**SAMPLES**

**Samples:** All acceptance criteria were met.

**Surrogates:** All acceptance criteria were met.

### Manual Integration Reason Codes

**Reason #1: Data System Fails to Select Correct Peak** In some cases the chromatography system selects and integrates the 'wrong peak'. In this case the analyst must correct the selection and force the system to integrate the proper peak. Other times the system may miss the peak completely.

**Reason #2: Data System Splits the Peak Incorrectly or Integrates a False Peak as a Rider Peak** This phenomena is common at low concentrations where the signal:noise ratio is low. A single compound (peak) is incorrectly split into multiple peaks or integrated as a main peak with one or more rider peaks resulting in low area counts for the target compound.

**Reason #3: Improperly Integrated Isomers and/or coeluting compounds.** This system often fails to distinguish coeluting compounds and or isomers. The integration areas and concentrations are wrong, and they must be corrected by manual integration. Prime examples are benzo(k)fluoranthene and benzo(b)fluoranthene which are often unresolved and integrated improperly when both are present at low concentrations in standards or samples.

**Reason #4: System Establishes Incorrect Baseline** There are numerous situations in chromatography where the system establishes the baseline incorrectly. Some baseline errors will be obvious to the analyst and should be corrected via manual procedures.

**Reason #5: Miscellaneous** Other situations involving integration errors may require in-depth review and technical judgment. These cases should be brought to the attention of the laboratory management. If the form of manual integration is not clearly covered by these four cases, then review and approval by the Laboratory Director or the QA/QC Supervisor will be required.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and Microbac Laboratories Inc., both technically and for completeness, except for the conditions noted above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Manager or designated person, as verified by the following signature.

**Narrative ID:** 79025

**Approved By:** Mike Cochran





**Login Number:** L14020741  
**Department:** Metals  
**Analyst:** Qin Xu

## **METHOD**

**Preparation:** SW-846 3051

**Analysis:** SW-846 6010

## **HOLDING TIMES**

**Sample Preparation:** All holding times were met.

**Sample Analysis:** All holding times were met.

## **PREPARATION**

Sample preparation proceeded normally.

## **CALIBRATION**

**Initial Calibration:** All acceptance criteria were met.

**Alternate Source Standards:** All acceptance criteria were met.

**Interference Check Standards:** All acceptance criteria were met.

**Continuing Calibration Verification:** All acceptance criteria were met.

**Continuing Calibration Blank:** All acceptance criteria were met.

## **BATCH QA/QC**

**Method Blank:** All acceptance criteria were met.

**Laboratory Control Sample:** All acceptance criteria were met.

**Serial Dilution/Post Digestion Spikes:** All acceptance criteria were met.

**Matrix Spikes:** All acceptance criteria were met.

**SAMPLES**

**Samples:** WG463516 - Client sample 01 required a dilution analysis in order to obtain a result for calcium within the linear range.

**Narrative ID:** 78877

**Approved By:** Sheri Pfalzgraf



### Certificate of Analysis

<b>Sample #:</b> L14020741-01	<b>PrePrep Method:</b> N/A	<b>Instrument:</b> HPMS6
<b>Client ID:</b> SBF	<b>Prep Method:</b> 5030B/5030C/5035A	<b>Prep Date:</b> 02/23/2014 12:05
<b>Matrix:</b> Soil	<b>Analytical Method:</b> 8260B	<b>Cal Date:</b> 02/21/2014 14:52
<b>Workgroup #:</b> WG464230	<b>Analyst:</b> TMB	<b>Run Date:</b> 02/24/2014 11:52
<b>Collect Date:</b> 02/12/2014 14:30	<b>Dilution:</b> 1	<b>File ID:</b> 6M124124
<b>Sample Tag:</b> 01	<b>Units:</b> ug/kg	<b>Percent Solid:</b> 98.1

Analyte	CAS #	Result	Qual	RL	MDL
Benzene	71-43-2		ND	4.83	0.483
Ethyl benzene	100-41-4		ND	4.83	0.483
Toluene	108-88-3		ND	4.83	0.483
Xylenes, Total	1330-20-7		ND	4.83	0.483
Surrogate	Recovery	Lower Limit	Upper Limit	Q	
Dibromofluoromethane	108	80	120		
1,2-Dichloroethane-d4	105	80	120		
Toluene-d8	118	81	117	*	
4-Bromofluorobenzene	120	74	121		
*	Surrogate or spike compound out of range				
ND	Not detected at or above the reporting limit (RL/MDL).				

<b>Sample #:</b> L14020741-01	<b>PrePrep Method:</b> N/A	<b>Instrument:</b> HPMS4
<b>Client ID:</b> SBF	<b>Prep Method:</b> 3546	<b>Prep Date:</b> 02/19/2014 08:39
<b>Matrix:</b> Soil	<b>Analytical Method:</b> 8270C	<b>Cal Date:</b> 01/06/2014 19:37
<b>Workgroup #:</b> WG463849	<b>Analyst:</b> CAA	<b>Run Date:</b> 02/20/2014 18:21
<b>Collect Date:</b> 02/12/2014 14:30	<b>Dilution:</b> 1	<b>File ID:</b> 4M69235
<b>Sample Tag:</b> 01	<b>Units:</b> ug/kg	<b>Percent Solid:</b> 98.1

Analyte	CAS #	Result	Qual	RL	MDL
1,2,4-Trichlorobenzene	120-82-1		ND	162	81.1
1,2-Dichlorobenzene	95-50-1		ND	162	81.1
1,3-Dichlorobenzene	541-73-1		ND	162	81.1
1,4-Dichlorobenzene	106-46-7		ND	162	81.1
2,4,5-Trichlorophenol	95-95-4		ND	162	81.1
2,4,6-Trichlorophenol	88-06-2		ND	162	81.1
2,4-Dichlorophenol	120-83-2		ND	162	81.1
2,4-Dimethylphenol	105-67-9		ND	162	81.1
2,4-Dinitrophenol	51-28-5		ND	811	405
2,4-Dinitrotoluene	121-14-2		ND	162	81.1
2,6-Dinitrotoluene	606-20-2		ND	162	81.1
2-Chloronaphthalene	91-58-7		ND	162	81.1
2-Chlorophenol	95-57-8		ND	162	81.1

Certificate of Analysis

Analyte	CAS #	Result	Qual	RL	MDL
2-Methylnaphthalene	91-57-6		ND	162	81.1
2-Methylphenol	95-48-7		ND	162	81.1
2-Nitroaniline	88-74-4		ND	811	405
2-Nitrophenol	88-75-5		ND	162	81.1
3,3'-Dichlorobenzidine	91-94-1		ND	324	162
3-,4-Methylphenol	106-44-5		ND	162	81.1
3-Nitroaniline	99-09-2		ND	811	405
4,6-Dinitro-2-methylphenol	534-52-1		ND	811	405
4-Bromophenyl-phenylether	101-55-3		ND	162	81.1
4-Chloro-3-methylphenol	59-50-7		ND	162	81.1
4-Chloroaniline	106-47-8		ND	162	81.1
4-Chlorophenyl-phenyl ether	7005-72-3		ND	162	81.1
4-Nitroaniline	100-01-6		ND	811	405
4-Nitrophenol	100-02-7		ND	811	405
Acenaphthene	83-32-9		ND	162	81.1
Acenaphthylene	208-96-8		ND	162	81.1
Anthracene	120-12-7		ND	162	81.1
Benzo(a)anthracene	56-55-3		ND	162	81.1
Benzo(a)pyrene	50-32-8		ND	162	81.1
Benzo(b)fluoranthene	205-99-2		ND	162	81.1
Benzo(g,h,i)Perylene	191-24-2		ND	162	81.1
Benzo(k)fluoranthene	207-08-9		ND	162	81.1
Benzoic acid	65-85-0		ND	4920	324
Benzyl alcohol	100-51-6		ND	162	81.1
Bis(2-Chloroethoxy)Methane	111-91-1		ND	162	81.1
Bis(2-Chloroethyl)ether	111-44-4		ND	162	81.1
bis(2-Chloroisopropyl)ether	39638-32-9		ND	162	81.1
bis(2-Ethylhexyl)phthalate	117-81-7		ND	162	81.1
Butylbenzylphthalate	85-68-7		ND	162	81.1
Chrysene	218-01-9		ND	162	81.1
Di-N-Butylphthalate	84-74-2		ND	162	81.1
Di-n-octylphthalate	117-84-0		ND	162	81.1
Dibenzo(a,h)Anthracene	53-70-3		ND	162	81.1
Dibenzofuran	132-64-9		ND	162	81.1
Diethylphthalate	84-66-2		ND	162	81.1
Dimethylphthalate	131-11-3		ND	162	81.1
Fluoranthene	206-44-0		ND	162	81.1
Fluorene	86-73-7		ND	162	81.1
Hexachlorobenzene	118-74-1		ND	162	81.1

**Certificate of Analysis**

Analyte	CAS #	Result	Qual	RL	MDL
Hexachlorobutadiene	87-68-3		ND	162	81.1
Hexachlorocyclopentadiene	77-47-4		ND	737	369
Hexachloroethane	67-72-1		ND	162	81.1
Indeno(1,2,3-cd)pyrene	193-39-5		ND	162	81.1
Isophorone	78-59-1		ND	162	81.1
Diphenylamine/n-Nitrosodiphenylamine	86-30-6		ND	162	81.1
N-Nitrosodipropylamine	621-64-7		ND	162	81.1
Naphthalene	91-20-3		ND	162	81.1
Nitrobenzene	98-95-3		ND	162	81.1
Pentachlorophenol	87-86-5		ND	811	405
Phenanthrene	85-01-8		ND	162	81.1
Phenol	108-95-2		ND	162	81.1
Pyrene	129-00-0		ND	162	81.1
Surrogate	Recovery	Lower Limit	Upper Limit	Q	
2,4,6-Tribromophenol	82.5	19	122		
2-Fluorobiphenyl	69.9	30	115		
2-Fluorophenol	73.9	25	121		
Nitrobenzene-d5	73.2	23	120		
p-Terphenyl-d14	119	18	137		
Phenol-d5	68.3	24	113		
ND	Not detected at or above the reporting limit (RL/MDL).				

<b>Sample #:</b> L14020741-01	<b>PrePrep Method:</b> N/A	<b>Instrument:</b> HP15
<b>Client ID:</b> SBF	<b>Prep Method:</b> 3550B	<b>Prep Date:</b> 02/19/2014 09:25
<b>Matrix:</b> Soil	<b>Analytical Method:</b> 8081A	<b>Cal Date:</b> 01/09/2014 21:47
<b>Workgroup #:</b> WG463883	<b>Analyst:</b> ECL	<b>Run Date:</b> 02/24/2014 13:34
<b>Collect Date:</b> 02/12/2014 14:30	<b>Dilution:</b> 1	<b>File ID:</b> 15G43065.R
<b>Sample Tag:</b> 01	<b>Units:</b> ug/kg	<b>Percent Solid:</b> 98.1

Analyte	CAS #	Result	Qual	RL	MDL
4,4'-DDD	72-54-8		ND	1.82	0.364
4,4'-DDE	72-55-9		ND	1.82	0.364
4,4'-DDT	50-29-3		ND	1.82	0.364
Aldrin	309-00-2		ND	1.82	0.364
alpha Chlordane	5103-71-9		ND	1.82	0.364
alpha-BHC	319-84-6		ND	1.82	0.364
beta-BHC	319-85-7		ND	1.82	0.364
delta-BHC	319-86-8		ND	1.82	0.364
Dieldrin	60-57-1		ND	1.82	0.364
Endosulfan I	959-98-8		ND	1.82	0.364

### Certificate of Analysis

Analyte	CAS #	Result	Qual	RL	MDL
Endosulfan II	33213-65-9		ND	1.82	0.364
Endosulfan sulfate	1031-07-8		ND	1.82	0.364
Endrin	72-20-8		ND	1.82	0.364
Endrin aldehyde	7421-93-4		ND	1.82	0.364
Endrin ketone	53494-70-5		ND	1.82	0.364
gamma Chlordane	5103-74-2		ND	1.82	0.364
gamma-BHC (Lindane)	58-89-9		ND	1.82	0.364
Heptachlor	76-44-8		ND	1.82	0.364
Heptachlor epoxide	1024-57-3		ND	1.82	0.364
Methoxychlor	72-43-5		ND	1.82	0.364
Toxaphene	8001-35-2		ND	36.4	18.4
Surrogate	Recovery	Lower Limit	Upper Limit	Q	
2,4,5,6-Tetrachloro-m-xylene	59.7	39	130		
Decachlorobiphenyl	82.8	33	143		
ND	Not detected at or above the reporting limit (RL/MDL).				

<b>Sample #:</b> L14020741-01	<b>PrePrep Method:</b> N/A	<b>Instrument:</b> HP17
<b>Client ID:</b> SBF	<b>Prep Method:</b> METHOD	<b>Prep Date:</b> 02/19/2014 08:45
<b>Matrix:</b> Soil	<b>Analytical Method:</b> 8151A	<b>Cal Date:</b> 01/30/2014 19:51
<b>Workgroup #:</b> WG463984	<b>Analyst:</b> ECL	<b>Run Date:</b> 02/20/2014 22:44
<b>Collect Date:</b> 02/12/2014 14:30	<b>Dilution:</b> 1	<b>File ID:</b> 17G16505.R
<b>Sample Tag:</b> 01	<b>Units:</b> ug/kg	<b>Percent Solid:</b> 98.1

Analyte	CAS #	Result	Qual	RL	MDL
2,4-D	94-75-7		ND	40.6	20.3
2,4-DB	94-82-6		ND	40.6	20.3
2,4,5-T	93-76-5		ND	4.06	2.03
2,4,5-TP (Silvex)	93-72-1		ND	3.04	1.52
Dalapon	75-99-0		ND	101	50.7
Dicamba	1918-00-9		ND	4.06	2.03
Dichloroprop	120-36-5		ND	40.6	20.3
Dinoseb	88-85-7		ND	20.3	10.1
MCPA	94-74-6		ND	4060	2030
MCPP	93-65-2		ND	4060	2030
Pentachlorophenol	87-86-5		ND	4.06	2.03
Surrogate	Recovery	Lower Limit	Upper Limit	Q	
2,4-Dichlorophenylacetic acid	61.1	25	110		
ND	Not detected at or above the reporting limit (RL/MDL).				

### Certificate of Analysis

<b>Sample #:</b> L14020741-01	<b>PrePrep Method:</b> N/A	<b>Instrument:</b> ICP-THERMO2
<b>Client ID:</b> SBF	<b>Prep Method:</b> 3051A	<b>Prep Date:</b> 02/17/2014 14:49
<b>Matrix:</b> Soil	<b>Analytical Method:</b> 6010B	<b>Cal Date:</b> 02/20/2014 09:03
<b>Workgroup #:</b> WG463516	<b>Analyst:</b> QX	<b>Run Date:</b> 02/20/2014 10:32
<b>Collect Date:</b> 02/12/2014 14:30	<b>Dilution:</b> 1	<b>File ID:</b> T2.022014.103212
<b>Sample Tag:</b> 01	<b>Units:</b> mg/kg	<b>Percent Solid:</b> 98.1

Analyte	CAS #	Result	Qual	RL	MDL
Aluminum, Total	7429-90-5	1410		14.5	7.23
Antimony, Total	7440-36-0		ND	0.723	0.362
Barium, Total	7440-39-3	12.4		0.362	0.181
Beryllium, Total	7440-41-7		ND	0.362	0.181
Cadmium, Total	7440-43-9		ND	0.362	0.181
Chromium, Total	7440-47-3	4.92		0.723	0.362
Cobalt, Total	7440-48-4	2.50		0.723	0.362
Copper, Total	7440-50-8	3.35		0.723	0.362
Iron, Total	7439-89-6	4400		2.17	1.08
Magnesium, Total	7439-95-4	21800		18.1	9.04
Manganese, Total	7439-96-5	228		0.362	0.181
Nickel, Total	7440-02-0	5.33		1.45	0.723
Potassium, Total	7440-09-7	167		36.2	18.1
Silver, Total	7440-22-4		ND	1.45	0.723
Sodium, Total	7440-23-5	81.5		18.1	9.04
Vanadium, Total	7440-62-2	5.80		0.362	0.181
Zinc, Total	7440-66-6	11.1		0.723	0.362
ND	Not detected at or above the reporting limit (RL/MDL).				

<b>Sample #:</b> L14020741-01	<b>PrePrep Method:</b> N/A	<b>Instrument:</b> ICP-THERMO2
<b>Client ID:</b> SBF	<b>Prep Method:</b> 3051A	<b>Prep Date:</b> 02/17/2014 14:49
<b>Matrix:</b> Soil	<b>Analytical Method:</b> 6010B	<b>Cal Date:</b> 02/20/2014 09:03
<b>Workgroup #:</b> WG463516	<b>Analyst:</b> QX	<b>Run Date:</b> 02/20/2014 11:40
<b>Collect Date:</b> 02/12/2014 14:30	<b>Dilution:</b> 200	<b>File ID:</b> T2.022014.114030
<b>Sample Tag:</b> DL01	<b>Units:</b> mg/kg	<b>Percent Solid:</b> 98.1

Analyte	CAS #	Result	Qual	RL	MDL
Calcium, Total	7440-70-2	109000		7230	3620

### Certificate of Analysis

<b>Sample #:</b> L14020741-01	<b>PrePrep Method:</b> N/A	<b>Instrument:</b> ICP-MS2
<b>Client ID:</b> SBF	<b>Prep Method:</b> 3051A	<b>Prep Date:</b> 02/17/2014 13:00
<b>Matrix:</b> Soil	<b>Analytical Method:</b> 6020	<b>Cal Date:</b> 02/20/2014 09:18
<b>Workgroup #:</b> WG463908	<b>Analyst:</b> JYH	<b>Run Date:</b> 02/20/2014 12:57
<b>Collect Date:</b> 02/12/2014 14:30	<b>Dilution:</b> 1	<b>File ID:</b> NI.022014.125734
<b>Sample Tag:</b> 01	<b>Units:</b> mg/kg	<b>Percent Solid:</b> 98.1

Analyte	CAS #	Result	Qual	RL	MDL
Arsenic, Total	7440-38-2	2.30		0.291	0.145
Lead, Total	7439-92-1	2.33		0.194	0.0969
Selenium, Total	7782-49-2	0.169	J	0.194	0.0969
Thallium, Total	7440-28-0	0.0636		0.0387	0.0194
J	Estimated value; the analyte concentration was less than the RL/LOQ.				

<b>Sample #:</b> L14020741-01	<b>PrePrep Method:</b> N/A	<b>Instrument:</b> CVAA1
<b>Client ID:</b> SBF	<b>Prep Method:</b> 7471	<b>Prep Date:</b> 02/17/2014 12:56
<b>Matrix:</b> Soil	<b>Analytical Method:</b> 7471A	<b>Cal Date:</b> 02/19/2014 09:21
<b>Workgroup #:</b> WG463485	<b>Analyst:</b> PDM	<b>Run Date:</b> 02/19/2014 11:24
<b>Collect Date:</b> 02/12/2014 14:30	<b>Dilution:</b> 1	<b>File ID:</b> M7.021914.112416
<b>Sample Tag:</b> 01	<b>Units:</b> mg/kg	<b>Percent Solid:</b> 98.1

Analyte	CAS #	Result	Qual	RL	MDL
Mercury, Total	7439-97-6		ND	0.249	0.00997
ND	Not detected at or above the reporting limit (RL/MDL).				

Lab Report #: L14020741

Lab Project #: 2069.333

Project Name: Prairie Materials

Lab Contact: Kathy Albertson

Sample #: L14020741-01    Client ID: SBF    Matrix: Soil    Collect Date: 02/12/2014 14:30

Analyte	Result	Units	Qualifier
Percent Solids	98.1	weight %	

Microbac Laboratories Inc.  
Ohio Valley Division Analyst List  
February 24, 2014

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001 - BIO-CHEM TESTING WVDEP 220	002 - REIC Consultants, Inc. WVDEP 060
003 - Sturm Environmental	004 - MICROBAC PITTSBURGH
005 - ES LABORATORIES	006 - ALCOSAN LABORATORIES
007 - ALS LABORATORIES	008 - BENCHMARK LABORATORIES
ADC - ANTHONY D. CANTER	ADG - APRIL D. GREENE
AJF - AMANDA J. FICKIESEN	AML - TONY M. LONG
AZH - AFTER HOURS	BAF - BRICE A. FENTON
BJO - BRIAN J. OGDEN	BKT - BRENDAN TORRENCE
BLG - BRENDA L. GREENWALT	BRG - BRENDA R. GREGORY
CAA - CASSIE A. AUGENSTEIN	CAF - CHERYL A. FLOWERS
CEB - CHAD E. BARNES	CLC - CHRYS L. CRAWFORD
CLS - CARA L. STRICKLER	CLW - CHARISSA L. WINTERS
CPD - CHAD P. DAVIS	CRW - CHRISTINA R. WILSON
CSH - CHRIS S. HILL	CTB - CHRIS T. BUCINA
DAK - DEAN A. K	DCM - DAVID C. MERCKLE
DDE - DEBRA D. ELLIOTT	DEV - DAVID E. VANDENBERG
DIH - DEANNA I. HESSON	DLB - DAVID L. BUMGARNER
DLP - DOROTHY L. PAYNE	DLR - DIANNA L. RAUCH
DSM - DAVID S. MOSSOR	ECL - ERIC C. LAWSON
EDL - ERIN D. LONG	ENY - EMILY N. YOAK
EPT - ETHAN P. TIDD	ERP - ERIN R. PORTER
FJB - FRANCES J. BOLDEN	HCB - HEIDI C. BROWN
HJR - HOLLY J. REED	JBK - JEREMY B. KINNEY
JDH - JUSTIN D. HESSON	JDS - JARED D. SMITH
JKS - JANE K. SCHAAD	JLL - JOHN L. LENT
JWR - JOHN W. RICHARDS	JWS - JACK W. SHEAVES
JYH - JI Y. HU	KDW - KATHRYN D. WELCH
KEB - KATIE E. BARNES	KHR - KIM H. RHODES
KRA - KATHY R. ALBERTSON	KRB - KAELY R. BECKER
KRP - KATHY R. PARSONS	KSC - KELLY S. CUNNINGHAM
LKN - LINDA K. NEDEFF	LLS - LARRY L. STEPHENS
LSB - LESLIE S. BUCINA	MBK - MORGAN B. KNOWLTON
MDA - MIKE D. ALBERTSON	MDC - MIKE D. COCHRAN
MES - MARY E. SCHILLING	MLW - MATTHEW L. WARREN
MMB - MAREN M. BEERY	MRT - MICHELLE R. TAYLOR
MSW - MATT S. WILSON	PDM - PIERCE D. MORRIS
PIT - MICROBAC WARRENDALE	PSW - PEGGY S. WEBB
QX - QIN XU	RAH - ROY A. HALSTEAD
REK - BOB E. KYER	RLB - BOB BUCHANAN
RM - RAYMOND MALEKE	RNP - RICK N. PETTY
RS - ROSEMARY SCOTT	RWC - RODNEY W. CAMPBELL
SAV - SARAH A. VANDENBERG	SEP - SUZANNE J. PAUGH
SLM - STEPHANIE L. MOSSBURG	SLP - SHERI L. PFALZGRAF
TLC - TYLER L. CORDELL	TMB - TIFFANY M. BAILEY
TMM - TAMMY M. MORRIS	TPA - TYLER P. AMRINE
VC - VICKI COLLIER	WJB - WILL J. BEASLEY
WTD - WADE T. DELONG	XXX - UNAVAILABLE OR SUBCONTRACT

Microbac Laboratories Inc.

List of Valid Qualifiers

February 24, 2014

Qualkey: STD

Qualifier	Description
*	Surrogate or spike compound out of range
+	Correlation coefficient for the MSA is less than 0.995
<	Result is less than the associated numerical value.
>	Result is greater than the associated numerical value.
A	See the report narrative
B	Analyte present in method blank
B1	Target analyte detected in method blank at or above the method reporting limit
B3	Target analyte detected in calibration blank at or above the method reporting limit
B4	The BOD unseeded dilution water blank exceeded 0.2 mg/L
C	Confirmed by GC/MS
CG	Confluent growth
CT1	The cooler temperature at receipt exceeded regulatory guidelines for requested testing.
DL	Surrogate or spike compound was diluted out
E	Estimated concentration due to sample matrix interference
EDL	Elevated sample reporting limits, presence of non-target analytes
EMPC	Estimated Maximum Possible Concentration
F, S	Estimated result below quantitation limit; method of standard additions(MSA)
F,CT1	Estimated value; the analyte concentration was less than the RL/LOQ. The cooler temperature at receipt exceeded regula
FL	Free Liquid
H1	Sample analysis performed past holding time.
I	Semiquantitative result (out of instrument calibration range)
J	Estimated value; the analyte concentration was less than the RL/LOQ.
J,B	Analyte detected in both the method blank and sample above the MDL.
J,CT1	Estimated value; the analyte concentration was less than the RL/LOQ.
J,CT1	Estimated value; the analyte concentration was less than the RL/LOQ. The cooler temperature at receipt exceeded regula
J,P	Estimate; columns don't agree to within 40%
J,S	Estimated concentration; analyzed by method of standard addition (MSA)
L	Sample reporting limits elevated due to matrix interference
L1	The associated blank spike (LCS) recovery was above the laboratory acceptance limits.
L2	The associated blank spike (LCS) recovery was below the laboratory acceptance limits.
M	Matrix effect; the concentration is an estimate due to matrix effect.
N	Tentatively identified compound(TIC)
NA	Not applicable
ND	Not detected at or above the reporting limit (RL/MDL).
ND, CT1	Analyte was not detected. The concentration is below the reported LOD. The cooler temperature at receipt exceeded reg
ND, H1	Not detected; Sample analysis performed past holding time.
ND, L	Not detected; sample reporting limit (RL) elevated due to interference
ND, S	Not detected; analyzed by method of standard addition (MSA)
NF	Not found by library search
NFL	No free liquid
NI	Non-ignitable
NR	Analyte is not required to be analyzed
NS	Not spiked
P	Concentrations >40% difference between the two GC columns
Q	One or more quality control criteria failed. See narrative.
QNS	Quantity of sample not sufficient to perform analysis
RA	Reanalysis confirms reported results
RE	Reanalysis confirms sample matrix interference
S	Analyzed by method of standard addition (MSA)
SMI	Sample matrix interference on surrogate
SP	Reported results are for spike compounds only
TIC	Library Search Compound
TNTC	Too numerous to count
U	Analyte was not detected. The concentration is below the reported MDL.
UJ	Undetected; the MDL and RL are estimated due to quality control discrepancies.
UQ	Undetected; the analyte was analyzed for, but not detected.
W	Post-digestion spike for furnace AA out of control limits
X	Exceeds regulatory limit
X, S	Exceeds regulatory limit; method of standard additions (MSA)
Z	Cannot be resolved from isomer - see below







**Laboratory Report Number:** L14020937

Kim Williams  
CASH  
8366 East St. Rd 144  
Morrisville, IN 46158

Please find enclosed the analytical results for the samples you submitted to Microbac Laboratories. Review and compilation of your report was completed by Microbac's Ohio Valley Division (OVD). If you have any questions, comments, or require further assistance regarding this report, please contact your service representative listed below.

Laboratory Contact:  
Kathy Albertson – Team Chemist/Data Specialist  
(740) 373-4071  
Kathy.Albertson@microbac.com

*I certify that all test results meet all of the requirements of the accrediting authority listed below. All results for soil samples are reported on a 'dry-weight' basis unless specified otherwise. Analytical results for water and wastes are reported on a 'as received' basis unless specified otherwise. A statement of uncertainty for each analysis is available upon request. This laboratory report shall not be reproduced, except in full, without the written approval of Microbac Laboratories. The reported results are related only to the samples analyzed as received.*

This report was certified on February 25 2014

David Vandenberg – Managing Director

State of Origin: IN  
Accrediting Authority: N/A ID:N/A  
QAPP: Microbac OVD



## Record of Sample Receipt and Inspection

### Comments/Discrepancies

This is the record of the shipment conditions and the inspection records for the samples received and reported as a sample delivery group (SDG). All of the samples were inspected and observed to conform to our receipt policies, except as noted below.

There were no discrepancies.

Discrepancy	Resolution

### Coolers

Cooler #	Temperature Gun	Temperature	COC #	Airbill #	Temp Required?
0018801	H	2.0		9622001900004690952000797937147597	X

### Inspection Checklist

#	Question	Result
1	Were shipping coolers sealed?	Yes
2	Were custody seals intact?	Yes
3	Were cooler temperatures in range of 0-6?	Yes
4	Was ice present?	Yes
5	Were COC's received/information complete/signed and dated?	Yes
6	Were sample containers intact and match COC?	Yes
7	Were sample labels intact and match COC?	Yes
8	Were the correct containers and volumes received?	Yes
9	Were samples received within EPA hold times?	Yes
10	Were correct preservatives used? (water only)	NA
11	Were pH ranges acceptable? (voa's excluded)	NA
12	Were VOA samples free of headspace (less than 6mm)?	NA

**Lab Report #:** L14020937

**Lab Project #:** 2069.333

**Project Name:** Prairie Materials

**Lab Contact:** Kathy Albertson

**Samples Received**

<b>Client ID</b>	<b>Laboratory ID</b>	<b>Date Collected</b>	<b>Date Received</b>
TOPSOIL	L14020937-01	02/17/2014 09:30	02/19/2014 09:54
FILL DIRT	L14020937-02	02/17/2014 09:30	02/19/2014 09:54



**Login Number:** L14020937  
**Department:** General Chromatography  
**Analyst:** Eric Lawson

## METHOD

**Analysis** SW-846 8151A

## HOLDING TIMES

**Sample Preparation:** All holding times were met.

**Sample Analysis:** All holding times were met.

## PREPARATION

Sample preparation proceeded normally.

## CALIBRATION

**Initial Calibration:** For all compounds that yielded a %RSD greater than 20%, linear or higher order equations were applied. All acceptance criteria were met.

**Alternate Source Standards:** All acceptance criteria were met.

**Continuing Calibration and Tune:** All acceptance criteria were met.

## BATCH QA/QC

**Method Blank:** All acceptance criteria were met.

**Laboratory Control Sample:** 2,4-DB was not present in samples associated with this LCS/LCSD.

Sample #	Analyte	Date	Result	Lower	Upper	Type
WG464020-02	2,4-DB	2014-02-24 18:58:00	295	20	125	Recovery
WG464020-03	2,4-DB	2014-02-24 19:24:00	436	20	125	Recovery
WG464020-03	2,4-DB	2014-02-24 19:24:00	38.6		30	RPD

**Matrix Spikes:** There were no MS/MSD results associated with this sample delivery group, due to insufficient volume of sample. The laboratory included an LCS and LCS duplicate in the preparation batch in lieu of the NELAC prescribed MS/MSD. Microbac recommends site specific MS/MSD samples to avoid possible data qualification.

## SAMPLES

**Samples:** All acceptance criteria were met.

**Surrogates:** All acceptance criteria were met.

## Manual Integration Reason Codes

**Reason #1: Data System Fails to Select Correct Peak** In some cases the chromatography system selects and integrates the 'wrong peak'. In this case the analyst must correct the selection and force the system to integrate the proper peak. Other times the system may miss the peak completely.

**Reason #2: Data System Splits the Peak Incorrectly or Integrates a False Peak as a Rider Peak** This phenomena is common at low concentrations where the signal:noise ratio is low. A single compound (peak) is incorrectly split into multiple peaks or integrated as a main peak with one or more rider peaks resulting in low areacounts for the target compound.

**Reason #3: Improperly Integrated Isomers and/or coeluting compounds.** This system often fails to distinguish coeluting compounds and or isomers. The integration areas and concentrations are wrong, and they must be corrected by manual integration. Prime examples are benzo(k)fluoranthene and benzo(b)fluoranthene which are often unresolved and integrated improperly when both are present at low concentrations in standards or samples.

**Reason #4: System Establishes Incorrect Baseline** There are numerous situations in chromatography where the system establishes the baseline incorrectly. Some baseline errors will be obvious to the analyst and should be corrected via manual procedures.

**Reason #5: Miscellaneous** Other situations involving integration errors may require in-depth review and technical judgment. These cases should be brought to the attention of the laboratory management. If the form of manual integration is not clearly covered by these four cases, then review and approval by the Laboratory Director or the QA/QC Supervisor will be required.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and Microbac Laboratories Inc., both technically and for completeness, except for the conditions noted above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Manager or designated person, as verified by the following signature.

**Narrative ID:** 79090

**Approved By:** Mike Cochran



### Certificate of Analysis

<b>Sample #:</b> L14020937-01	<b>PrePrep Method:</b> N/A	<b>Instrument:</b> HPMS6
<b>Client ID:</b> TOPSOIL	<b>Prep Method:</b> 5030B/5030C/5035A	<b>Prep Date:</b> 02/21/2014 15:20
<b>Matrix:</b> Soil	<b>Analytical Method:</b> 8260B	<b>Cal Date:</b> 02/21/2014 14:52
<b>Workgroup #:</b> WG464230	<b>Analyst:</b> TMB	<b>Run Date:</b> 02/24/2014 16:33
<b>Collect Date:</b> 02/17/2014 09:30	<b>Dilution:</b> 1	<b>File ID:</b> 6M124133
<b>Sample Tag:</b> 01	<b>Units:</b> ug/kg	<b>Percent Solid:</b> 98.4

Analyte	CAS #	Result	Qual	RL	MDL
Benzene	71-43-2		ND	4.71	0.471
Ethyl benzene	100-41-4		ND	4.71	0.471
Toluene	108-88-3		ND	4.71	0.471
Xylenes, Total	1330-20-7		ND	4.71	0.471
Surrogate	Recovery	Lower Limit	Upper Limit	Q	
Dibromofluoromethane	118	80	120		
1,2-Dichloroethane-d4	118	80	120		
Toluene-d8	118	81	117	*	
4-Bromofluorobenzene	115	74	121		
*	Surrogate or spike compound out of range				
ND	Not detected at or above the reporting limit (RL/MDL).				

<b>Sample #:</b> L14020937-01	<b>PrePrep Method:</b> N/A	<b>Instrument:</b> HPMS4
<b>Client ID:</b> TOPSOIL	<b>Prep Method:</b> 3546	<b>Prep Date:</b> 02/21/2014 08:22
<b>Matrix:</b> Soil	<b>Analytical Method:</b> 8270C	<b>Cal Date:</b> 01/06/2014 19:37
<b>Workgroup #:</b> WG464163	<b>Analyst:</b> CAA	<b>Run Date:</b> 02/24/2014 17:52
<b>Collect Date:</b> 02/17/2014 09:30	<b>Dilution:</b> 1	<b>File ID:</b> 4M69256
<b>Sample Tag:</b> 01	<b>Units:</b> ug/kg	<b>Percent Solid:</b> 98.4

Analyte	CAS #	Result	Qual	RL	MDL
1,2,4-Trichlorobenzene	120-82-1		ND	183	91.3
1,2-Dichlorobenzene	95-50-1		ND	183	91.3
1,3-Dichlorobenzene	541-73-1		ND	183	91.3
1,4-Dichlorobenzene	106-46-7		ND	183	91.3
2,4,5-Trichlorophenol	95-95-4		ND	183	91.3
2,4,6-Trichlorophenol	88-06-2		ND	183	91.3
2,4-Dichlorophenol	120-83-2		ND	183	91.3
2,4-Dimethylphenol	105-67-9		ND	183	91.3
2,4-Dinitrophenol	51-28-5		ND	913	456
2,4-Dinitrotoluene	121-14-2		ND	183	91.3
2,6-Dinitrotoluene	606-20-2		ND	183	91.3
2-Chloronaphthalene	91-58-7		ND	183	91.3
2-Chlorophenol	95-57-8		ND	183	91.3

Certificate of Analysis

Analyte	CAS #	Result	Qual	RL	MDL
2-Methylnaphthalene	91-57-6		ND	183	91.3
2-Methylphenol	95-48-7		ND	183	91.3
2-Nitroaniline	88-74-4		ND	913	456
2-Nitrophenol	88-75-5		ND	183	91.3
3,3'-Dichlorobenzidine	91-94-1		ND	365	183
3-,4-Methylphenol	106-44-5		ND	183	91.3
3-Nitroaniline	99-09-2		ND	913	456
4,6-Dinitro-2-methylphenol	534-52-1		ND	913	456
4-Bromophenyl-phenylether	101-55-3		ND	183	91.3
4-Chloro-3-methylphenol	59-50-7		ND	183	91.3
4-Chloroaniline	106-47-8		ND	183	91.3
4-Chlorophenyl-phenyl ether	7005-72-3		ND	183	91.3
4-Nitroaniline	100-01-6		ND	913	456
4-Nitrophenol	100-02-7		ND	913	456
Acenaphthene	83-32-9		ND	183	91.3
Acenaphthylene	208-96-8		ND	183	91.3
Anthracene	120-12-7		ND	183	91.3
Benzo(a)anthracene	56-55-3		ND	183	91.3
Benzo(a)pyrene	50-32-8		ND	183	91.3
Benzo(b)fluoranthene	205-99-2		ND	183	91.3
Benzo(g,h,i)Perylene	191-24-2		ND	183	91.3
Benzo(k)fluoranthene	207-08-9		ND	183	91.3
Benzoic acid	65-85-0	436	J	5530	365
Benzyl alcohol	100-51-6		ND	183	91.3
Bis(2-Chloroethoxy)Methane	111-91-1		ND	183	91.3
Bis(2-Chloroethyl)ether	111-44-4		ND	183	91.3
bis(2-Chloroisopropyl)ether	39638-32-9		ND	183	91.3
bis(2-Ethylhexyl)phthalate	117-81-7		ND	183	91.3
Butylbenzylphthalate	85-68-7		ND	183	91.3
Chrysene	218-01-9		ND	183	91.3
Di-N-Butylphthalate	84-74-2		ND	183	91.3
Di-n-octylphthalate	117-84-0		ND	183	91.3
Dibenzo(a,h)Anthracene	53-70-3		ND	183	91.3
Dibenzofuran	132-64-9		ND	183	91.3
Diethylphthalate	84-66-2		ND	183	91.3
Dimethylphthalate	131-11-3		ND	183	91.3
Fluoranthene	206-44-0		ND	183	91.3
Fluorene	86-73-7		ND	183	91.3
Hexachlorobenzene	118-74-1		ND	183	91.3

### Certificate of Analysis

Analyte	CAS #	Result	Qual	RL	MDL
Hexachlorobutadiene	87-68-3		ND	183	91.3
Hexachlorocyclopentadiene	77-47-4		ND	830	415
Hexachloroethane	67-72-1		ND	183	91.3
Indeno(1,2,3-cd)pyrene	193-39-5		ND	183	91.3
Isophorone	78-59-1		ND	183	91.3
Diphenylamine/n-Nitrosodiphenylamine	86-30-6		ND	183	91.3
N-Nitrosodipropylamine	621-64-7		ND	183	91.3
Naphthalene	91-20-3		ND	183	91.3
Nitrobenzene	98-95-3		ND	183	91.3
Pentachlorophenol	87-86-5		ND	913	456
Phenanthrene	85-01-8		ND	183	91.3
Phenol	108-95-2	119	J	183	91.3
Pyrene	129-00-0		ND	183	91.3

Surrogate	Recovery	Lower Limit	Upper Limit	Q
2,4,6-Tribromophenol	79.7	19	122	
2-Fluorobiphenyl	81.2	30	115	
2-Fluorophenol	79.5	25	121	
Nitrobenzene-d5	87.9	23	120	
p-Terphenyl-d14	87.4	18	137	
Phenol-d5	75.3	24	113	

J	Estimated value; the analyte concentration was less than the RL/LOQ.
ND	Not detected at or above the reporting limit (RL/MDL).

<b>Sample #:</b> L14020937-01	<b>PrePrep Method:</b> N/A	<b>Instrument:</b> HP15
<b>Client ID:</b> TOPSOIL	<b>Prep Method:</b> 3550B	<b>Prep Date:</b> 02/21/2014 08:29
<b>Matrix:</b> Soil	<b>Analytical Method:</b> 8081A	<b>Cal Date:</b> 01/09/2014 21:47
<b>Workgroup #:</b> WG464260	<b>Analyst:</b> ECL	<b>Run Date:</b> 02/24/2014 15:26
<b>Collect Date:</b> 02/17/2014 09:30	<b>Dilution:</b> 1	<b>File ID:</b> 15G43069.R
<b>Sample Tag:</b> 01	<b>Units:</b> ug/kg	<b>Percent Solid:</b> 98.4

Analyte	CAS #	Result	Qual	RL	MDL
4,4'-DDD	72-54-8		ND	1.96	0.393
4,4'-DDE	72-55-9		ND	1.96	0.393
4,4'-DDT	50-29-3		ND	1.96	0.393
Aldrin	309-00-2		ND	1.96	0.393
alpha Chlordane	5103-71-9		ND	1.96	0.393
alpha-BHC	319-84-6		ND	1.96	0.393
beta-BHC	319-85-7		ND	1.96	0.393
delta-BHC	319-86-8		ND	1.96	0.393
Dieldrin	60-57-1		ND	1.96	0.393

### Certificate of Analysis

Analyte	CAS #	Result	Qual	RL	MDL
Endosulfan I	959-98-8		ND	1.96	0.393
Endosulfan II	33213-65-9		ND	1.96	0.393
Endosulfan sulfate	1031-07-8		ND	1.96	0.393
Endrin	72-20-8		ND	1.96	0.393
Endrin aldehyde	7421-93-4		ND	1.96	0.393
Endrin ketone	53494-70-5		ND	1.96	0.393
gamma Chlordane	5103-74-2		ND	1.96	0.393
gamma-BHC (Lindane)	58-89-9		ND	1.96	0.393
Heptachlor	76-44-8		ND	1.96	0.393
Heptachlor epoxide	1024-57-3		ND	1.96	0.393
Methoxychlor	72-43-5		ND	1.96	0.393
Toxaphene	8001-35-2		ND	39.3	19.9
Surrogate	Recovery	Lower Limit	Upper Limit	Q	
2,4,5,6-Tetrachloro-m-xylene	50.5	39	130		
Decachlorobiphenyl	80.0	33	143		
ND	Not detected at or above the reporting limit (RL/MDL).				

<b>Sample #:</b> L14020937-01	<b>PrePrep Method:</b> N/A	<b>Instrument:</b> HP17
<b>Client ID:</b> TOPSOIL	<b>Prep Method:</b> METHOD	<b>Prep Date:</b> 02/21/2014 08:14
<b>Matrix:</b> Soil	<b>Analytical Method:</b> 8151A	<b>Cal Date:</b> 01/30/2014 19:51
<b>Workgroup #:</b> WG464363	<b>Analyst:</b> ECL	<b>Run Date:</b> 02/24/2014 19:50
<b>Collect Date:</b> 02/17/2014 09:30	<b>Dilution:</b> 1	<b>File ID:</b> 17G16532.F
<b>Sample Tag:</b> 01	<b>Units:</b> ug/kg	<b>Percent Solid:</b> 98.4

Analyte	CAS #	Result	Qual	RL	MDL
2,4-D	94-75-7		ND	40.3	20.1
2,4-DB	94-82-6		ND	40.3	20.1
2,4,5-T	93-76-5		ND	4.03	2.01
2,4,5-TP (Silvex)	93-72-1		ND	3.02	1.51
Dalapon	75-99-0		ND	101	50.4
Dicamba	1918-00-9		ND	4.03	2.01
Dichloroprop	120-36-5		ND	40.3	20.1
Dinoseb	88-85-7		ND	20.1	10.1
MCPA	94-74-6		ND	4030	2010
MCPP	93-65-2		ND	4030	2010
Pentachlorophenol	87-86-5		ND	4.03	2.01
Surrogate	Recovery	Lower Limit	Upper Limit	Q	
2,4-Dichlorophenylacetic acid	46.8	25	110		
ND	Not detected at or above the reporting limit (RL/MDL).				

### Certificate of Analysis

<b>Sample #:</b> L14020937-01	<b>PrePrep Method:</b> N/A	<b>Instrument:</b> ICP-THERMO2
<b>Client ID:</b> TOPSOIL	<b>Prep Method:</b> 3051A	<b>Prep Date:</b> 02/20/2014 13:05
<b>Matrix:</b> Soil	<b>Analytical Method:</b> 6010B	<b>Cal Date:</b> 02/24/2014 11:52
<b>Workgroup #:</b> WG463995	<b>Analyst:</b> QX	<b>Run Date:</b> 02/24/2014 17:33
<b>Collect Date:</b> 02/17/2014 09:30	<b>Dilution:</b> 1	<b>File ID:</b> T2.022414.173343
<b>Sample Tag:</b> 01	<b>Units:</b> mg/kg	<b>Percent Solid:</b> 98.4

Analyte	CAS #	Result	Qual	RL	MDL
Aluminum, Total	7429-90-5	5560		14.3	7.13
Antimony, Total	7440-36-0		ND	0.713	0.356
Barium, Total	7440-39-3	69.1		0.356	0.178
Beryllium, Total	7440-41-7	0.446		0.356	0.178
Cadmium, Total	7440-43-9	0.273	J	0.356	0.178
Calcium, Total	7440-70-2	8580		35.6	17.8
Chromium, Total	7440-47-3	11.7		0.713	0.356
Cobalt, Total	7440-48-4	6.63		0.713	0.356
Copper, Total	7440-50-8	12.0		0.713	0.356
Iron, Total	7439-89-6	14000		2.14	1.07
Magnesium, Total	7439-95-4	5330		17.8	8.91
Manganese, Total	7439-96-5	485		0.356	0.178
Nickel, Total	7440-02-0	15.2		1.43	0.713
Potassium, Total	7440-09-7	780		35.6	17.8
Silver, Total	7440-22-4		ND	1.43	0.713
Sodium, Total	7440-23-5	33.8		17.8	8.91
Vanadium, Total	7440-62-2	14.5		0.356	0.178
Zinc, Total	7440-66-6	55.7		0.713	0.356
J	Estimated value; the analyte concentration was less than the RL/LOQ.				
ND	Not detected at or above the reporting limit (RL/MDL).				

<b>Sample #:</b> L14020937-01	<b>PrePrep Method:</b> N/A	<b>Instrument:</b> ICP-MS2
<b>Client ID:</b> TOPSOIL	<b>Prep Method:</b> 3051A	<b>Prep Date:</b> 02/20/2014 15:16
<b>Matrix:</b> Soil	<b>Analytical Method:</b> 6020	<b>Cal Date:</b> 02/24/2014 09:48
<b>Workgroup #:</b> WG464139	<b>Analyst:</b> JYH	<b>Run Date:</b> 02/24/2014 12:34
<b>Collect Date:</b> 02/17/2014 09:30	<b>Dilution:</b> 1	<b>File ID:</b> NI.022414.123440
<b>Sample Tag:</b> 01	<b>Units:</b> mg/kg	<b>Percent Solid:</b> 98.4

Analyte	CAS #	Result	Qual	RL	MDL
Arsenic, Total	7440-38-2	3.79		0.286	0.143
Lead, Total	7439-92-1	13.9		0.191	0.0954
Selenium, Total	7782-49-2	0.262		0.191	0.0954
Thallium, Total	7440-28-0	0.101		0.0381	0.0191

### Certificate of Analysis

<b>Sample #:</b> L14020937-01	<b>PrePrep Method:</b> N/A	<b>Instrument:</b> CVAA1
<b>Client ID:</b> TOPSOIL	<b>Prep Method:</b> 7471	<b>Prep Date:</b> 02/21/2014 08:12
<b>Matrix:</b> Soil	<b>Analytical Method:</b> 7471A	<b>Cal Date:</b> 02/21/2014 11:59
<b>Workgroup #:</b> WG464097	<b>Analyst:</b> BKT	<b>Run Date:</b> 02/21/2014 13:07
<b>Collect Date:</b> 02/17/2014 09:30	<b>Dilution:</b> 1	<b>File ID:</b> M7.022114.130723
<b>Sample Tag:</b> 01	<b>Units:</b> mg/kg	<b>Percent Solid:</b> 98.4

Analyte	CAS #	Result	Qual	RL	MDL
Mercury, Total	7439-97-6	0.0397	J	0.252	0.0101
J	Estimated value; the analyte concentration was less than the RL/LOQ.				

<b>Sample #:</b> L14020937-02	<b>PrePrep Method:</b> N/A	<b>Instrument:</b> HPMS6
<b>Client ID:</b> FILL DIRT	<b>Prep Method:</b> 5030B/5030C/5035A	<b>Prep Date:</b> 02/21/2014 15:18
<b>Matrix:</b> Soil	<b>Analytical Method:</b> 8260B	<b>Cal Date:</b> 02/21/2014 14:52
<b>Workgroup #:</b> WG464230	<b>Analyst:</b> TMB	<b>Run Date:</b> 02/24/2014 18:04
<b>Collect Date:</b> 02/17/2014 09:30	<b>Dilution:</b> 1	<b>File ID:</b> 6M124136
<b>Sample Tag:</b> 01	<b>Units:</b> ug/kg	<b>Percent Solid:</b> 79.2

Analyte	CAS #	Result	Qual	RL	MDL
Benzene	71-43-2		ND	6.13	0.613
Ethyl benzene	100-41-4		ND	6.13	0.613
Toluene	108-88-3		ND	6.13	0.613
Xylenes, Total	1330-20-7		ND	6.13	0.613
Surrogate	Recovery	Lower Limit	Upper Limit	Q	
Dibromofluoromethane	111	80	120		
1,2-Dichloroethane-d4	108	80	120		
Toluene-d8	116	81	117		
4-Bromofluorobenzene	114	74	121		
ND	Not detected at or above the reporting limit (RL/MDL).				

<b>Sample #:</b> L14020937-02	<b>PrePrep Method:</b> N/A	<b>Instrument:</b> HPMS4
<b>Client ID:</b> FILL DIRT	<b>Prep Method:</b> 3546	<b>Prep Date:</b> 02/21/2014 08:22
<b>Matrix:</b> Soil	<b>Analytical Method:</b> 8270C	<b>Cal Date:</b> 01/06/2014 19:37
<b>Workgroup #:</b> WG464163	<b>Analyst:</b> CAA	<b>Run Date:</b> 02/24/2014 18:24
<b>Collect Date:</b> 02/17/2014 09:30	<b>Dilution:</b> 1	<b>File ID:</b> 4M69257
<b>Sample Tag:</b> 01	<b>Units:</b> ug/kg	<b>Percent Solid:</b> 79.2

Analyte	CAS #	Result	Qual	RL	MDL
1,2,4-Trichlorobenzene	120-82-1		ND	222	111
1,2-Dichlorobenzene	95-50-1		ND	222	111

**Certificate of Analysis**

Analyte	CAS #	Result	Qual	RL	MDL
1,3-Dichlorobenzene	541-73-1		ND	222	111
1,4-Dichlorobenzene	106-46-7		ND	222	111
2,4,5-Trichlorophenol	95-95-4		ND	222	111
2,4,6-Trichlorophenol	88-06-2		ND	222	111
2,4-Dichlorophenol	120-83-2		ND	222	111
2,4-Dimethylphenol	105-67-9		ND	222	111
2,4-Dinitrophenol	51-28-5		ND	1110	555
2,4-Dinitrotoluene	121-14-2		ND	222	111
2,6-Dinitrotoluene	606-20-2		ND	222	111
2-Chloronaphthalene	91-58-7		ND	222	111
2-Chlorophenol	95-57-8		ND	222	111
2-Methylnaphthalene	91-57-6		ND	222	111
2-Methylphenol	95-48-7		ND	222	111
2-Nitroaniline	88-74-4		ND	1110	555
2-Nitrophenol	88-75-5		ND	222	111
3,3'-Dichlorobenzidine	91-94-1		ND	445	222
3-,4-Methylphenol	106-44-5		ND	222	111
3-Nitroaniline	99-09-2		ND	1110	555
4,6-Dinitro-2-methylphenol	534-52-1		ND	1110	555
4-Bromophenyl-phenylether	101-55-3		ND	222	111
4-Chloro-3-methylphenol	59-50-7		ND	222	111
4-Chloroaniline	106-47-8		ND	222	111
4-Chlorophenyl-phenyl ether	7005-72-3		ND	222	111
4-Nitroaniline	100-01-6		ND	1110	555
4-Nitrophenol	100-02-7		ND	1110	555
Acenaphthene	83-32-9		ND	222	111
Acenaphthylene	208-96-8		ND	222	111
Anthracene	120-12-7		ND	222	111
Benzo(a)anthracene	56-55-3		ND	222	111
Benzo(a)pyrene	50-32-8		ND	222	111
Benzo(b)fluoranthene	205-99-2		ND	222	111
Benzo(g,h,i)Perylene	191-24-2		ND	222	111
Benzo(k)fluoranthene	207-08-9		ND	222	111
Benzoic acid	65-85-0		ND	6740	445
Benzyl alcohol	100-51-6		ND	222	111
Bis(2-Chloroethoxy)Methane	111-91-1		ND	222	111
Bis(2-Chloroethyl)ether	111-44-4		ND	222	111
bis(2-Chloroisopropyl)ether	39638-32-9		ND	222	111
bis(2-Ethylhexyl)phthalate	117-81-7		ND	222	111

**Certificate of Analysis**

Analyte	CAS #	Result	Qual	RL	MDL
Butylbenzylphthalate	85-68-7		ND	222	111
Chrysene	218-01-9		ND	222	111
Di-N-Butylphthalate	84-74-2		ND	222	111
Di-n-octylphthalate	117-84-0		ND	222	111
Dibenzo(a,h)Anthracene	53-70-3		ND	222	111
Dibenzofuran	132-64-9		ND	222	111
Diethylphthalate	84-66-2		ND	222	111
Dimethylphthalate	131-11-3		ND	222	111
Fluoranthene	206-44-0		ND	222	111
Fluorene	86-73-7		ND	222	111
Hexachlorobenzene	118-74-1		ND	222	111
Hexachlorobutadiene	87-68-3		ND	222	111
Hexachlorocyclopentadiene	77-47-4		ND	1010	505
Hexachloroethane	67-72-1		ND	222	111
Indeno(1,2,3-cd)pyrene	193-39-5		ND	222	111
Isophorone	78-59-1		ND	222	111
Diphenylamine/n-Nitrosodiphenylamine	86-30-6		ND	222	111
N-Nitrosodipropylamine	621-64-7		ND	222	111
Naphthalene	91-20-3		ND	222	111
Nitrobenzene	98-95-3		ND	222	111
Pentachlorophenol	87-86-5		ND	1110	555
Phenanthrene	85-01-8		ND	222	111
Phenol	108-95-2		ND	222	111
Pyrene	129-00-0		ND	222	111
Surrogate	Recovery	Lower Limit	Upper Limit	Q	
2,4,6-Tribromophenol	44.7	19	122		
2-Fluorobiphenyl	52.8	30	115		
2-Fluorophenol	51.5	25	121		
Nitrobenzene-d5	57.4	23	120		
p-Terphenyl-d14	53.8	18	137		
Phenol-d5	48.0	24	113		
ND	Not detected at or above the reporting limit (RL/MDL).				

<b>Sample #:</b> L14020937-02	<b>PrePrep Method:</b> N/A	<b>Instrument:</b> HP15
<b>Client ID:</b> FILL DIRT	<b>Prep Method:</b> 3550B	<b>Prep Date:</b> 02/21/2014 08:29
<b>Matrix:</b> Soil	<b>Analytical Method:</b> 8081A	<b>Cal Date:</b> 01/09/2014 21:47
<b>Workgroup #:</b> WG464260	<b>Analyst:</b> ECL	<b>Run Date:</b> 02/24/2014 15:53
<b>Collect Date:</b> 02/17/2014 09:30	<b>Dilution:</b> 1	<b>File ID:</b> 15G43070.R
<b>Sample Tag:</b> 01	<b>Units:</b> ug/kg	<b>Percent Solid:</b> 79.2

### Certificate of Analysis

Analyte	CAS #	Result	Qual	RL	MDL
4,4'-DDD	72-54-8		ND	1.96	0.392
4,4'-DDE	72-55-9		ND	1.96	0.392
4,4'-DDT	50-29-3		ND	1.96	0.392
Aldrin	309-00-2		ND	1.96	0.392
alpha Chlordane	5103-71-9		ND	1.96	0.392
alpha-BHC	319-84-6		ND	1.96	0.392
beta-BHC	319-85-7		ND	1.96	0.392
delta-BHC	319-86-8		ND	1.96	0.392
Dieldrin	60-57-1		ND	1.96	0.392
Endosulfan I	959-98-8		ND	1.96	0.392
Endosulfan II	33213-65-9		ND	1.96	0.392
Endosulfan sulfate	1031-07-8		ND	1.96	0.392
Endrin	72-20-8		ND	1.96	0.392
Endrin aldehyde	7421-93-4		ND	1.96	0.392
Endrin ketone	53494-70-5		ND	1.96	0.392
gamma Chlordane	5103-74-2		ND	1.96	0.392
gamma-BHC (Lindane)	58-89-9		ND	1.96	0.392
Heptachlor	76-44-8		ND	1.96	0.392
Heptachlor epoxide	1024-57-3		ND	1.96	0.392
Methoxychlor	72-43-5		ND	1.96	0.392
Toxaphene	8001-35-2		ND	39.2	19.8
Surrogate	Recovery	Lower Limit	Upper Limit	Q	
2,4,5,6-Tetrachloro-m-xylene	53.3	39	130		
Decachlorobiphenyl	63.3	33	143		
ND	Not detected at or above the reporting limit (RL/MDL).				

<b>Sample #:</b> L14020937-02	<b>PrePrep Method:</b> N/A	<b>Instrument:</b> HP17
<b>Client ID:</b> FILL DIRT	<b>Prep Method:</b> METHOD	<b>Prep Date:</b> 02/21/2014 08:14
<b>Matrix:</b> Soil	<b>Analytical Method:</b> 8151A	<b>Cal Date:</b> 01/30/2014 19:51
<b>Workgroup #:</b> WG464363	<b>Analyst:</b> ECL	<b>Run Date:</b> 02/24/2014 20:17
<b>Collect Date:</b> 02/17/2014 09:30	<b>Dilution:</b> 1	<b>File ID:</b> 17G16533.F
<b>Sample Tag:</b> 01	<b>Units:</b> ug/kg	<b>Percent Solid:</b> 79.2

Analyte	CAS #	Result	Qual	RL	MDL
2,4-D	94-75-7		ND	40.6	20.3
2,4-DB	94-82-6		ND	40.6	20.3
2,4,5-T	93-76-5		ND	4.06	2.03
2,4,5-TP (Silvex)	93-72-1		ND	3.04	1.52
Dalapon	75-99-0		ND	101	50.7
Dicamba	1918-00-9		ND	4.06	2.03

### Certificate of Analysis

Analyte	CAS #	Result	Qual	RL	MDL
Dichloroprop	120-36-5		ND	40.6	20.3
Dinoseb	88-85-7		ND	20.3	10.1
MCPA	94-74-6		ND	4060	2030
MCPP	93-65-2		ND	4060	2030
Pentachlorophenol	87-86-5		ND	4.06	2.03
Surrogate	Recovery	Lower Limit	Upper Limit	Q	
2,4-Dichlorophenylacetic acid	49.5	25	110		
ND	Not detected at or above the reporting limit (RL/MDL).				

<b>Sample #:</b> L14020937-02	<b>PrePrep Method:</b> N/A	<b>Instrument:</b> ICP-THERMO2
<b>Client ID:</b> FILL DIRT	<b>Prep Method:</b> 3051A	<b>Prep Date:</b> 02/20/2014 13:05
<b>Matrix:</b> Soil	<b>Analytical Method:</b> 6010B	<b>Cal Date:</b> 02/24/2014 11:52
<b>Workgroup #:</b> WG463995	<b>Analyst:</b> QX	<b>Run Date:</b> 02/24/2014 17:37
<b>Collect Date:</b> 02/17/2014 09:30	<b>Dilution:</b> 1	<b>File ID:</b> T2.022414.173716
<b>Sample Tag:</b> 01	<b>Units:</b> mg/kg	<b>Percent Solid:</b> 79.2

Analyte	CAS #	Result	Qual	RL	MDL
Aluminum, Total	7429-90-5	6210		18.4	9.22
Antimony, Total	7440-36-0		ND	0.922	0.461
Barium, Total	7440-39-3	77.0		0.461	0.231
Beryllium, Total	7440-41-7	0.475		0.461	0.231
Cadmium, Total	7440-43-9	0.296	J	0.461	0.231
Calcium, Total	7440-70-2	8160		46.1	23.1
Chromium, Total	7440-47-3	12.1		0.922	0.461
Cobalt, Total	7440-48-4	7.26		0.922	0.461
Copper, Total	7440-50-8	12.7		0.922	0.461
Iron, Total	7439-89-6	15400		2.77	1.38
Magnesium, Total	7439-95-4	5240		23.1	11.5
Manganese, Total	7439-96-5	546		0.461	0.231
Nickel, Total	7440-02-0	16.3		1.84	0.922
Potassium, Total	7440-09-7	769		46.1	23.1
Silver, Total	7440-22-4		ND	1.84	0.922
Sodium, Total	7440-23-5	31.4		23.1	11.5
Vanadium, Total	7440-62-2	15.8		0.461	0.231
Zinc, Total	7440-66-6	57.1		0.922	0.461
J	Estimated value; the analyte concentration was less than the RL/LOQ.				
ND	Not detected at or above the reporting limit (RL/MDL).				

## Certificate of Analysis

<b>Sample #:</b> L14020937-02	<b>PrePrep Method:</b> N/A	<b>Instrument:</b> ICP-MS2
<b>Client ID:</b> FILL DIRT	<b>Prep Method:</b> 3051A	<b>Prep Date:</b> 02/20/2014 15:16
<b>Matrix:</b> Soil	<b>Analytical Method:</b> 6020	<b>Cal Date:</b> 02/24/2014 09:48
<b>Workgroup #:</b> WG464139	<b>Analyst:</b> JYH	<b>Run Date:</b> 02/24/2014 12:37
<b>Collect Date:</b> 02/17/2014 09:30	<b>Dilution:</b> 1	<b>File ID:</b> NI.022414.123749
<b>Sample Tag:</b> 01	<b>Units:</b> mg/kg	<b>Percent Solid:</b> 79.2

Analyte	CAS #	Result	Qual	RL	MDL
Arsenic, Total	7440-38-2	2.78		0.364	0.182
Lead, Total	7439-92-1	11.7		0.243	0.121
Selenium, Total	7782-49-2	0.264		0.243	0.121
Thallium, Total	7440-28-0	0.0716		0.0485	0.0243

<b>Sample #:</b> L14020937-02	<b>PrePrep Method:</b> N/A	<b>Instrument:</b> CVAA1
<b>Client ID:</b> FILL DIRT	<b>Prep Method:</b> 7471	<b>Prep Date:</b> 02/21/2014 08:12
<b>Matrix:</b> Soil	<b>Analytical Method:</b> 7471A	<b>Cal Date:</b> 02/21/2014 11:59
<b>Workgroup #:</b> WG464097	<b>Analyst:</b> BKT	<b>Run Date:</b> 02/21/2014 13:17
<b>Collect Date:</b> 02/17/2014 09:30	<b>Dilution:</b> 1	<b>File ID:</b> M7.022114.131732
<b>Sample Tag:</b> 01	<b>Units:</b> mg/kg	<b>Percent Solid:</b> 79.2

Analyte	CAS #	Result	Qual	RL	MDL
Mercury, Total	7439-97-6	0.0420	J	0.301	0.0120
J	Estimated value; the analyte concentration was less than the RL/LOQ.				

**Sample #:** L14020937-01    **Client ID:** TOPSOIL    **Matrix:** Soil    **Collect Date:** 02/17/2014 09:30

Analyte	Result	Units	Qualifier
Percent Solids	98.4	weight %	

**Sample #:** L14020937-02    **Client ID:** FILL DIRT    **Matrix:** Soil    **Collect Date:** 02/17/2014 09:30

Analyte	Result	Units	Qualifier
Percent Solids	79.2	weight %	

## METHOD BLANK SUMMARY

Login Number: L14020937 Work Group: WG464230  
 Blank File ID: 6M124122 Blank Sample ID: WG464230-01  
 Prep Date: 02/24/14 10:52 Instrument ID: HPMS6  
 Analyzed Date: 02/24/14 10:52 Method: 8260B  
 Analyst: TMB

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG464230-02	6M124123	02/24/14 11:22	01
TOPSOIL	L14020937-01	6M124133	02/24/14 16:33	01
FILL DIRT	L14020937-02	6M124136	02/24/14 18:04	01

Report Name: BLANK\_SUMMARY  
 PDF File ID: 3384293  
 Report generated 02/25/2014 13:56



Microbac Laboratories Inc.  
METHOD BLANK REPORT

Login Number: L14020937      Prep Date: 02/24/14 10:52      Sample ID: WG464230-01  
 Instrument ID: HPMS6      Run Date: 02/24/14 10:52      Prep Method: 5030B/5030C/503  
 File ID: 6M124122      Analyst: TMB      Method: 8260B  
 Workgroup (AAB#): WG464230      Matrix: Soil      Units: ug/kg  
 Contract #: \_\_\_\_\_      Cal ID: HPMS6-21-FEB-14

Analytes	MDL	RL	Concentration	Dilution	Qualifier
Benzene	0.500	5.00	0.500	1	U
Ethyl benzene	0.500	5.00	0.500	1	U
Toluene	0.500	5.00	0.500	1	U
Xylenes, Total	0.500	5.00	0.500	1	U

Surrogates	% Recovery	Surrogate Limits	Qualifier
Dibromofluoromethane	108	80 - 120	PASS
1,2-Dichloroethane-d4	109	80 - 120	PASS
Toluene-d8	116	81 - 117	PASS
4-Bromofluorobenzene	117	74 - 121	PASS

MDL      Method Detection Limit  
 RL      Reporting/Practical Quantitation Limit  
 ND      Analyte Not detected at or above reporting limit  
 \*      |Analyte concentration| > RL

Report Name: BLANK  
 PDF ID: 3384294  
 25-FEB-2014 13:56



Microbac Laboratories Inc.  
LABORATORY CONTROL SAMPLE (LCS)

Login Number: L14020937 Run Date: 02/24/2014 Sample ID: WG464230-02  
 Instrument ID: HPMS6 Run Time: 11:22 Prep Method: 5030B/5030C/503  
 File ID: 6M124123 Analyst: TMB Method: 8260B  
 Workgroup (AAB#): WG464230 Matrix: Soil Units: ug/kg  
 QC Key: STD Lot#: STD62975 Cal ID: HPMS6-21-FEB-14

Analytes	Expected	Found	% Rec	LCS Limits	Q
Benzene	20.0	20.5	103	70 - 130	
Ethyl benzene	20.0	19.6	98.2	70 - 130	
Toluene	20.0	20.3	101	77 - 126	
Xylenes, Total	60.0	53.3	88.8	70 - 130	

Surrogates	% Recovery	Surrogate Limits	Qualifier
Dibromofluoromethane	109	80 - 120	PASS
1,2-Dichloroethane-d4	109	80 - 120	PASS
Toluene-d8	115	81 - 117	PASS
4-Bromofluorobenzene	118	74 - 121	PASS

\* EXCEEDS %REC LIMIT

LCS - Modified 03/06/2008  
 PDF File ID: 3383747  
 Report generated: 02/25/2014 13:56



## MATRIX SPIKE AND MATRIX SPIKE DUP (MS/MSD)

Loginnum: L14020937      Cal ID: HPMS6-      Worknum: WG464230  
 Instrument ID: HPMS6      Contract #:      Method: 8260B  
 Parent ID: WG464199-01      File ID: 6M124133      Dil: 1      Matrix: SOLID  
 Sample ID: WG464199-02 MS      File ID: 6M124134      Dil: 1      Units: ug/kg  
 Sample ID: WG464199-03 MSD      File ID: 6M124135      Dil: 1      Percent Solid: 98.4

Analyte	Parent	MS Spiked	MS Found	MS %Rec	MSD Spiked	MSD Found	MSD %Rec	%RPD	%Rec Limits	RPD Limit	Q
Benzene	ND	22.5	21.2	93.9	19.3	16.6	86.2	24.2	70 - 130	30	
Ethyl benzene	ND	22.5	16.8	74.5	19.3	12.5	65.1	29.1	70 - 130	30	*
Toluene	ND	22.5	19.7	87.2	19.3	15.0	77.7	27.1	77 - 126	30	
Xylenes, Total	ND	67.6	45.1	66.7	57.8	32.9	56.9	31.3	70 - 130	30	*#

\* FAILS %REC LIMIT

# FAILS RPD LIMIT

NOTE: This is an internal quality control sample.



## METHOD BLANK SUMMARY

Login Number:L14020937  
Blank File ID:4M69242  
Prep Date:02/21/14 08:22  
Analyzed Date:02/24/14 10:24  
Analyst:CAA

Work Group:WG464163  
Blank Sample ID:WG464022-01  
Instrument ID:HPMS4  
Method:8270C

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG464022-02	4M69243	02/24/14 10:56	01
LCS2	WG464022-03	4M69244	02/24/14 11:28	01
TOPSOIL	L14020937-01	4M69256	02/24/14 17:52	01
FILL DIRT	L14020937-02	4M69257	02/24/14 18:24	01

Report Name: BLANK\_SUMMARY  
PDF File ID: 3382535  
Report generated 02/25/2014 11:07



## METHOD BLANK REPORT

Login Number: L14020937 Prep Date: 02/21/14 08:22 Sample ID: WG464022-01  
Instrument ID: HPMS4 Run Date: 02/24/14 10:24 Prep Method: 3546  
File ID: 4M69242 Analyst: CAA Method: 8270C  
Workgroup (AAB#): WG464163 Matrix: Soil Units: ug/kg  
Contract #: \_\_\_\_\_ Cal ID: HPMS4-06-JAN-14

Analytes	MDL	RL	Concentration	Dilution	Qualifier
1,2,4-Trichlorobenzene	82.5	165	82.5	1	U
1,2-Dichlorobenzene	82.5	165	82.5	1	U
1,3-Dichlorobenzene	82.5	165	82.5	1	U
1,4-Dichlorobenzene	82.5	165	82.5	1	U
2,4,5-Trichlorophenol	82.5	165	82.5	1	U
2,4,6-Trichlorophenol	82.5	165	82.5	1	U
2,4-Dichlorophenol	82.5	165	82.5	1	U
2,4-Dimethylphenol	82.5	165	82.5	1	U
2,4-Dinitrophenol	412	825	412	1	U
2,4-Dinitrotoluene	82.5	165	82.5	1	U
2,6-Dinitrotoluene	82.5	165	82.5	1	U
2-Chloronaphthalene	82.5	165	82.5	1	U
2-Chlorophenol	82.5	165	82.5	1	U
2-Methylnaphthalene	82.5	165	82.5	1	U
2-Methylphenol	82.5	165	82.5	1	U
2-Nitroaniline	412	825	412	1	U
2-Nitrophenol	82.5	165	82.5	1	U
3,3'-Dichlorobenzidine	165	330	165	1	U
3-,4-Methylphenol	82.5	165	82.5	1	U
3-Nitroaniline	412	825	412	1	U
4,6-Dinitro-2-methylphenol	412	825	412	1	U
4-Bromophenyl-phenylether	82.5	165	82.5	1	U
4-Chloro-3-methylphenol	82.5	165	82.5	1	U
4-Chloroaniline	82.5	165	82.5	1	U
4-Chlorophenyl-phenyl ether	82.5	165	82.5	1	U
4-Nitroaniline	412	825	412	1	U
4-Nitrophenol	412	825	412	1	U
Acenaphthene	82.5	165	82.5	1	U
Acenaphthylene	82.5	165	82.5	1	U
Anthracene	82.5	165	82.5	1	U
Benzo(a)anthracene	82.5	165	82.5	1	U
Benzo(a)pyrene	82.5	165	82.5	1	U
Benzo(b)fluoranthene	82.5	165	82.5	1	U
Benzo(g,h,i)Perylene	82.5	165	82.5	1	U
Benzo(k)fluoranthene	82.5	165	82.5	1	U
Benzoic acid	330	5000	330	1	U
Benzyl alcohol	82.5	165	82.5	1	U
Bis(2-Chloroethoxy)Methane	82.5	165	82.5	1	U
Bis(2-Chloroethyl)ether	82.5	165	82.5	1	U
bis(2-Chloroisopropyl)ether	82.5	165	82.5	1	U
bis(2-Ethylhexyl)phthalate	82.5	165	82.5	1	U
Butylbenzylphthalate	82.5	165	82.5	1	U

Report Name: BLANK

PDF ID: 3382536

25-FEB-2014 11:07



## METHOD BLANK REPORT

Login Number: L14020937 Prep Date: 02/21/14 08:22 Sample ID: WG464022-01  
Instrument ID: HPMS4 Run Date: 02/24/14 10:24 Prep Method: 3546  
File ID: 4M69242 Analyst: CAA Method: 8270C  
Workgroup (AAB#): WG464163 Matrix: Soil Units: ug/kg  
Contract #: \_\_\_\_\_ Cal ID: HPMS4-06-JAN-14

Analytes	MDL	RL	Concentration	Dilution	Qualifier
Chrysene	82.5	165	82.5	1	U
Di-N-Butylphthalate	82.5	165	82.5	1	U
Di-n-octylphthalate	82.5	165	82.5	1	U
Dibenzo(a,h)Anthracene	82.5	165	82.5	1	U
Dibenzofuran	82.5	165	82.5	1	U
Diethylphthalate	82.5	165	82.5	1	U
Dimethylphthalate	82.5	165	82.5	1	U
Fluoranthene	82.5	165	82.5	1	U
Fluorene	82.5	165	82.5	1	U
Hexachlorobenzene	82.5	165	82.5	1	U
Hexachlorobutadiene	82.5	165	82.5	1	U
Hexachlorocyclopentadiene	375	750	375	1	U
Hexachloroethane	82.5	165	82.5	1	U
Indeno(1,2,3-cd)pyrene	82.5	165	82.5	1	U
Isophorone	82.5	165	82.5	1	U
Diphenylamine/n-Nitrosodiphenylamine	82.5	165	82.5	1	U
N-Nitrosodipropylamine	82.5	165	82.5	1	U
Naphthalene	82.5	165	82.5	1	U
Nitrobenzene	82.5	165	82.5	1	U
Pentachlorophenol	412	825	412	1	U
Phenanthrene	82.5	165	82.5	1	U
Phenol	82.5	165	82.5	1	U
Pyrene	82.5	165	82.5	1	U

Surrogates	% Recovery	Surrogate Limits	Qualifier
2,4,6-Tribromophenol	69.5	19 - 122	PASS
2-Fluorobiphenyl	70.2	30 - 115	PASS
2-Fluorophenol	74.4	25 - 121	PASS
Nitrobenzene-d5	74.1	23 - 120	PASS
p-Terphenyl-d14	79.2	18 - 137	PASS
Phenol-d5	68.7	24 - 113	PASS

MDL Method Detection Limit  
RL Reporting/Practical Quantitation Limit  
ND Analyte Not detected at or above reporting limit  
\* |Analyte concentration| > RL

Report Name: BLANK  
PDF ID: 3382536  
25-FEB-2014 11:07



Microbac Laboratories Inc.  
LABORATORY CONTROL SAMPLE (LCS)

Login Number: L14020937 Analyst: CAA Prep Method: 3546  
 Instrument ID: HPMS4 Matrix: Soil Method: 8270C  
 Workgroup (AAB#): WG464163 Units: ug/kg  
 QC Key: STD Lot #: STD62022

Sample ID: WG464022-02 LCS File ID: 4M69243 Run Date: 02/24/2014 10:56  
 Sample ID: WG464022-03 LCS2 File ID: 4M69244 Run Date: 02/24/2014 11:28

Analytes	LCS			LCS2			%RPD	%Rec Limits	RPD Lmt	Q
	Known	Found	% REC	Known	Found	% REC				
1,2,4-Trichlorobenzene	2500	2210	88.4	2500	2390	95.6	7.82	20 - 110	40	
1,2-Dichlorobenzene	2500	2140	85.4	2500	2290	91.8	7.19	20 - 115	40	
1,3-Dichlorobenzene	2500	2040	81.6	2500	2250	89.8	9.61	20 - 110	40	
1,4-Dichlorobenzene	2500	2050	82.1	2500	2250	90.0	9.23	20 - 110	40	
2,4,5-Trichlorophenol	2500	2320	92.9	2500	2480	99.2	6.56	25 - 140	40	
2,4,6-Trichlorophenol	2500	2340	93.5	2500	2520	101	7.62	20 - 130	40	
2,4-Dichlorophenol	2500	2270	90.9	2500	2450	98.1	7.65	20 - 125	40	
2,4-Dimethylphenol	2500	2220	88.9	2500	2390	95.8	7.39	20 - 125	40	
2,4-Dinitrophenol	2500	1620	64.6	2500	1730	69.1	6.67	40 - 155	40	
2,4-Dinitrotoluene	2500	2440	97.4	2500	2510	101	3.10	50 - 140	40	
2,6-Dinitrotoluene	2500	2330	93.2	2500	2440	97.8	4.79	30 - 130	40	
2-Chloronaphthalene	2500	2240	89.6	2500	2430	97.1	8.09	20 - 130	40	
2-Chlorophenol	2500	2050	82.0	2500	2250	90.0	9.31	20 - 115	40	
2-Methylnaphthalene	2500	2180	87.2	2500	2360	94.3	7.84	20 - 120	40	
2-Methylphenol	2500	2190	87.8	2500	2400	96.1	9.02	20 - 120	40	
2-Nitroaniline	2500	2520	101	2500	2620	105	3.98	30 - 140	40	
2-Nitrophenol	2500	2320	92.9	2500	2550	102	9.48	20 - 130	40	
3,3'-Dichlorobenzidine	2500	1610	64.3	2500	1750	70.2	8.76	30 - 130	40	
3-,4-Methylphenol	2500	2160	86.4	2500	2350	94.1	8.58	20 - 125	40	
3-Nitroaniline	2500	2130	85.2	2500	2220	88.7	3.97	35 - 130	40	
4,6-Dinitro-2-methylphenol	2500	2030	81.0	2500	2120	84.6	4.32	50 - 150	40	
4-Bromophenyl-phenylether	2500	2400	95.9	2500	2530	101	5.37	30 - 130	40	
4-Chloro-3-methylphenol	2500	2370	94.9	2500	2510	101	5.81	20 - 110	40	
4-Chloroaniline	2500	1810	72.3	2500	1850	73.9	2.23	30 - 130	40	
4-Chlorophenyl-phenyl ether	2500	2320	92.9	2500	2460	98.2	5.59	20 - 130	40	
4-Nitroaniline	2500	2080	83.1	2500	2110	84.6	1.77	40 - 145	40	
4-Nitrophenol	2500	2770	111	2500	2820	113	1.67	30 - 150	40	
Acenaphthene	2500	2400	95.9	2500	2570	103	6.95	20 - 130	40	
Acenaphthylene	2500	2380	95.2	2500	2550	102	6.85	20 - 130	40	
Anthracene	2500	2520	101	2500	2600	104	3.11	45 - 130	40	
Benzoic acid	2500	2280	91.2	2500	2550	102	11.3	10 - 150	40	
Benzo(a)anthracene	2500	2410	96.2	2500	2500	99.9	3.73	45 - 135	40	
Benzo(a)pyrene	2500	2340	93.6	2500	2400	96.2	2.65	40 - 140	40	
Benzo(b)fluoranthene	2500	2050	82.2	2500	2230	89.3	8.35	40 - 140	40	
Benzo(g,h,i)Perylene	2500	2420	96.6	2500	2500	99.8	3.21	30 - 150	40	
Benzo(k)fluoranthene	2500	2510	100	2500	2430	97.2	3.11	40 - 140	40	
Benzyl alcohol	2500	2120	84.6	2500	2360	94.2	10.7	20 - 120	40	
Bis(2-Chloroethoxy)Methane	2500	1700	68.0	2500	1820	72.9	6.95	20 - 110	40	
Bis(2-Chloroethyl)ether	2500	2130	85.3	2500	2300	91.9	7.51	20 - 120	40	
bis(2-Chloroisopropyl)ether	2500	2270	90.6	2500	2460	98.4	8.23	20 - 130	40	

LCS\_LCS2 - Modified 03/06/2008  
 PDF File ID: 3382537  
 Report generated: 02/25/2014 11:07



Microbac Laboratories Inc.  
LABORATORY CONTROL SAMPLE (LCS)

Login Number: L14020937 Analyst: CAA Prep Method: 3546  
Instrument ID: HPMS4 Matrix: Soil Method: 8270C  
Workgroup (AAB#): WG464163 Units: ug/kg  
QC Key: STD Lot #: STD62022

Sample ID: WG464022-02 LCS File ID: 4M69243 Run Date: 02/24/2014 10:56  
Sample ID: WG464022-03 LCS2 File ID: 4M69244 Run Date: 02/24/2014 11:28

Analytes	LCS			LCS2			%RPD	%Rec Limits	RPD Lmt	Q
	Known	Found	% REC	Known	Found	% REC				
Bis(2-Ethylhexyl)phthalate	2500	2470	98.7	2500	2550	102	3.40	45 - 145	40	
Butylbenzylphthalate	2500	2420	96.9	2500	2500	99.9	3.08	45 - 145	40	
Chrysene	2500	2510	101	2500	2620	105	3.98	45 - 145	40	
Di-N-Butylphthalate	2500	2480	99.2	2500	2540	101	2.18	45 - 135	40	
Di-n-octylphthalate	2500	2470	98.7	2500	2480	99.4	0.683	35 - 150	40	
Dibenzofuran	2500	2330	93.3	2500	2480	99.1	6.02	20 - 130	40	
Dibenzo(a,h)Anthracene	2500	1680	67.3	2500	1770	70.7	4.88	25 - 150	40	
Diethylphthalate	2500	2470	98.7	2500	2530	101	2.41	40 - 135	40	
Dimethylphthalate	2500	2370	94.7	2500	2450	97.8	3.31	30 - 130	40	
Fluoranthene	2500	2560	102	2500	2590	104	1.33	45 - 140	40	
Fluorene	2500	2390	95.6	2500	2520	101	5.27	25 - 130	40	
Hexachlorobenzene	2500	2570	103	2500	2670	107	3.82	35 - 130	40	
Hexachlorobutadiene	2500	2520	101	2500	2720	109	7.59	20 - 130	40	
Hexachlorocyclopentadiene	2500	2460	98.5	2500	2680	107	8.48	10 - 120	40	
Hexachloroethane	2500	2100	84.1	2500	2300	92.0	8.92	20 - 115	40	
Indeno(1,2,3-cd)pyrene	2500	2190	87.4	2500	2260	90.4	3.38	30 - 150	40	
Isophorone	2500	2370	94.8	2500	2560	102	7.67	20 - 125	40	
Diphenylamine/n-Nitrosodiphenylamine	2500	2400	95.9	2500	2500	99.9	4.08	35 - 125	40	
N-Nitrosodipropylamine	2500	2290	91.7	2500	2470	98.8	7.47	25 - 135	40	
Naphthalene	2500	2260	90.2	2500	2410	96.5	6.71	20 - 130	40	
Nitrobenzene	2500	2310	92.5	2500	2470	98.9	6.72	20 - 120	40	
Pentachlorophenol	2500	2630	105	2500	2720	109	3.48	45 - 150	40	
Phenanthrene	2500	2490	99.6	2500	2580	103	3.51	40 - 135	40	
Phenol	2500	2170	86.6	2500	2410	96.3	10.6	20 - 115	40	
Pyrene	2500	2400	96.1	2500	2480	99.2	3.20	45 - 140	40	

Surogates	LCS	LCS2	Surrogate Limits	Qualifier
	% Recovery	% Recovery		
2,4,6-Tribromophenol	88.0	95.2	19 - 122	PASS
2-Fluorobiphenyl	80.1	89.0	30 - 115	PASS
2-Fluorophenol	81.4	90.9	25 - 121	PASS
Nitrobenzene-d5	82.4	91.1	23 - 120	PASS
p-Terphenyl-d14	94.3	98.2	18 - 137	PASS
Phenol-d5	78.4	87.6	24 - 113	PASS

\* EXCEEDS %REC LIMIT

# EXCEEDS RPD LIMIT

LCS\_LCS2 - Modified 03/06/2008  
PDF File ID: 3382537  
Report generated: 02/25/2014 11:07





Microbac Laboratories Inc.  
METHOD BLANK REPORT

Login Number: L14020937      Prep Date: 02/21/14 08:29      Sample ID: WG464021-01  
Instrument ID: HP15      Run Date: 02/24/14 16:21      Prep Method: 3550B  
File ID: 15G43071.R      Analyst: ECL      Method: 8081A  
Workgroup (AAB#): WG464260      Matrix: Soil      Units: ug/kg  
Contract #:      Cal ID: HP15-09-JAN-14

Analytes	MDL	RL	Concentration	Dilution	Qualifier
4,4'-DDD	0.330	1.65	0.330	1	U
4,4'-DDE	0.330	1.65	0.330	1	U
4,4'-DDT	0.330	1.65	0.330	1	U
Aldrin	0.330	1.65	0.330	1	U
alpha Chlordane	0.330	1.65	0.330	1	U
alpha-BHC	0.330	1.65	0.330	1	U
beta-BHC	0.330	1.65	0.330	1	U
delta-BHC	0.330	1.65	0.330	1	U
Dieldrin	0.330	1.65	0.330	1	U
Endosulfan I	0.330	1.65	0.330	1	U
Endosulfan II	0.330	1.65	0.330	1	U
Endosulfan sulfate	0.330	1.65	0.330	1	U
Endrin	0.330	1.65	0.330	1	U
Endrin aldehyde	0.330	1.65	0.330	1	U
Endrin ketone	0.330	1.65	0.330	1	U
gamma Chlordane	0.330	1.65	0.330	1	U
gamma-BHC (Lindane)	0.330	1.65	0.330	1	U
Heptachlor	0.330	1.65	0.330	1	U
Heptachlor epoxide	0.330	1.65	0.330	1	U
Methoxychlor	0.330	1.65	0.330	1	U
Toxaphene	16.7	33.0	16.7	1	U

Surrogates	% Recovery	Surrogate Limits	Qualifier
2,4,5,6-Tetrachloro-m-xylene	55.0	39 - 130	PASS
Decachlorobiphenyl	83.7	33 - 143	PASS

MDL      Method Detection Limit  
RL      Reporting/Practical Quantitation Limit  
ND      Analyte Not detected at or above reporting limit  
\*      |Analyte concentration| > RL

Report Name: BLANK  
PDF ID: 3382633  
25-FEB-2014 09:53



Microbac Laboratories Inc.  
LABORATORY CONTROL SAMPLE (LCS)

Login Number: L14020937      Analyst: ECL      Prep Method: 3550B  
Instrument ID: HP15      Matrix: Soil      Method: 8081A  
Workgroup (AAB#): WG464260      Units: ug/kg  
QC Key: STD      Lot #: STD61641

Sample ID: WG464021-02 LCS    File ID: 15G43072.R      Run Date: 02/24/2014 16:49  
Sample ID: WG464021-03 LCS2    File ID: 15G43073.R      Run Date: 02/24/2014 17:16

Analytes	LCS			LCS2			%RPD	%Rec Limits	RPD Lmt	Q
	Known	Found	% REC	Known	Found	% REC				
4,4'-DDD	16.7	12.5	75.1	16.7	12.4	74.5	0.695	45 - 120	30	
4,4'-DDE	16.7	12.8	76.7	16.7	12.8	77.0	0.391	45 - 115	30	
4,4'-DDT	16.7	12.8	76.8	16.7	12.8	76.7	0.0261	45 - 125	30	
Aldrin	16.7	11.6	69.4	16.7	11.7	70.0	0.804	40 - 105	30	
alpha-BHC	16.7	12.0	72.1	16.7	12.0	72.2	0.166	40 - 105	30	
alpha Chlordane	16.7	12.0	72.0	16.7	12.0	72.2	0.222	45 - 110	30	
beta-BHC	16.7	12.2	72.9	16.7	12.3	73.8	1.17	45 - 100	30	
delta-BHC	16.7	12.0	72.1	16.7	12.2	73.0	1.30	45 - 110	30	
Dieldrin	16.7	12.3	73.9	16.7	12.3	73.9	0.0541	45 - 110	30	
Endosulfan I	16.7	11.5	69.1	16.7	11.5	69.1	0.0579	40 - 100	30	
Endosulfan II	16.7	10.5	63.2	16.7	10.4	62.3	1.47	40 - 100	30	
Endosulfan sulfate	16.7	10.2	61.2	16.7	10.1	60.5	1.12	40 - 120	30	
Endrin	16.7	13.4	80.4	16.7	13.4	80.2	0.199	45 - 115	30	
Endrin aldehyde	16.7	9.56	57.4	16.7	9.62	57.7	0.591	35 - 105	30	
Endrin ketone	16.7	9.39	56.4	16.7	9.32	55.9	0.820	45 - 115	30	
gamma-BHC (Lindane)	16.7	12.1	72.4	16.7	12.2	73.1	0.990	40 - 110	30	
gamma Chlordane	16.7	14.2	85.1	16.7	13.6	81.7	4.12	40 - 130	30	
Heptachlor	16.7	12.0	72.2	16.7	12.1	72.7	0.635	45 - 110	30	
Heptachlor epoxide	16.7	13.0	77.9	16.7	13.0	77.7	0.154	45 - 115	30	
Methoxychlor	16.7	14.1	84.8	16.7	14.3	85.7	1.01	55 - 145	30	

Surogates	LCS	LCS2	Surrogate Limits	Qualifier
	% Recovery	% Recovery		
Decachlorobiphenyl	91.2	91.5	33 - 143	PASS
2,4,5,6-Tetrachloro-m-xylene	59.8	59.0	39 - 130	PASS

\* EXCEEDS %REC LIMIT  
# EXCEEDS RPD LIMIT

LCS\_LCS2 - Modified 03/06/2008  
PDF File ID: 3382634  
Report generated: 02/25/2014 09:53



## METHOD BLANK SUMMARY

Login Number: L14020937  
 Blank File ID: 17G16529.F  
 Prep Date: 02/21/14 08:14  
 Analyzed Date: 02/24/14 18:32  
 Analyst: ECL

Work Group: WG464363  
 Blank Sample ID: WG464020-01  
 Instrument ID: HP17  
 Method: 8151A

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG464020-02	17G16530.F	02/24/14 18:58	01
LCS2	WG464020-03	17G16531.F	02/24/14 19:24	01
TOPSOIL	L14020937-01	17G16532.F	02/24/14 19:50	01
FILL DIRT	L14020937-02	17G16533.F	02/24/14 20:17	01

Report Name: BLANK\_SUMMARY  
 PDF File ID: 3383814  
 Report generated 02/25/2014 13:13



Microbac Laboratories Inc.  
METHOD BLANK REPORT

Login Number: L14020937      Prep Date: 02/21/14 08:14      Sample ID: WG464020-01  
 Instrument ID: HP17      Run Date: 02/24/14 18:32      Prep Method: METHOD  
 File ID: 17G16529.F      Analyst: ECL      Method: 8151A  
 Workgroup (AAB#): WG464363      Matrix: Soil      Units: ug/kg  
 Contract #:      Cal ID: HP17-30-JAN-14

Analytes	MDL	RL	Concentration	Dilution	Qualifier
2,4-D	20.0	40.0	20.0	1	U
2,4-DB	20.0	40.0	20.0	1	U
2,4,5-T	2.00	4.00	2.00	1	U
2,4,5-TP (Silvex)	1.50	3.00	1.50	1	U
Dalapon	50.0	100	50.0	1	U
Dicamba	2.00	4.00	2.00	1	U
Dichloroprop	20.0	40.0	20.0	1	U
Dinoseb	10.0	20.0	10.0	1	U
MCPA	2000	4000	2000	1	U
MCPP	2000	4000	2000	1	U
Pentachlorophenol	2.00	4.00	2.00	1	U

Surrogates	% Recovery	Surrogate Limits	Qualifier
2,4-Dichlorophenylacetic acid	58.7	25 - 110	PASS

MDL      Method Detection Limit  
 RL      Reporting/Practical Quantitation Limit  
 ND      Analyte Not detected at or above reporting limit  
 \*      |Analyte concentration| > RL

Report Name: BLANK  
 PDF ID: 3383815  
 25-FEB-2014 13:13



Microbac Laboratories Inc.  
LABORATORY CONTROL SAMPLE (LCS)

Login Number: L14020937 Analyst: ECL Prep Method: METHOD  
 Instrument ID: HP17 Matrix: Soil Method: 8151A  
 Workgroup (AAB#): WG464363 Units: ug/kg  
 QC Key: STD Lot #: STD60739  
 Sample ID: WG464020-02 LCS File ID: 17G16530.F Run Date: 02/24/2014 18:58  
 Sample ID: WG464020-03 LCS2 File ID: 17G16531.F Run Date: 02/24/2014 19:24

Analytes	LCS			LCS2			%RPD	%Rec Limits	RPD Lmt	Q
	Known	Found	% REC	Known	Found	% REC				
2,4,5-T	10.0	7.59	75.9	10.0	8.10	81.0	6.50	20 - 120	30	
2,4,5-TP (Silvex)	10.0	7.33	73.3	10.0	7.81	78.1	6.29	20 - 120	30	
2,4-D	100	68.5	68.5	100	72.2	72.2	5.29	15 - 105	30	
2,4-DB	100	295	295	100	436	436	38.6	20 - 125	30	**
Dinoseb	50.0	37.3	74.5	50.0	40.1	80.3	7.46	25 - 125	30	
Dalapon	250	146	58.5	250	169	67.5	14.4	10 - 105	30	
Dicamba	10.0	11.4	114	10.0	12.6	126	10.0	30 - 145	30	
Dichloroprop	100	81.0	81.0	100	78.0	78.0	3.72	20 - 130	30	
MCPA	10000	6700	67.0	10000	7530	75.3	11.6	15 - 110	30	
MCPP	10000	7040	70.4	10000	7600	76.0	7.68	15 - 110	30	
Pentachlorophenol	10.0	6.78	67.8	10.0	7.86	78.6	14.7	20 - 110	30	

Surogates	LCS	LCS2	Surrogate Limits	Qualifier
	% Recovery	% Recovery		
2,4-Dichlorophenylacetic acid	79.1	83.0	25 - 110	PASS

\* EXCEEDS %REC LIMIT

# EXCEEDS RPD LIMIT



**Primary/Confirmation Relative Percent Difference**  
*Microbac Laboratories Inc.*



**Login #:** L14020937  
**Instrument:** HP17  
**Analyst:** ECL  
**Worknum:** WG464363  
**File ID #2:** 17G16532.R

**Prep Method:** METHOD  
**Prep Date:** 02/21/2014 08:14  
**Anal Method:** 8151A  
**Analysis Date:** 02/24/2014 19:50  
**Analysis Date #2:** 02/24/2014 20:17

**Samplenum:** L14020937-01  
**File ID:** 17G16532.F  
**Matrix:** SOLID  
**Units:** ug/kg

Analyte	Column #1	Column #2	%RPD	Q
2,4-D	ND	ND		
2,4-DB	ND	ND		
2,4,5-T	ND	ND		
2,4,5-TP (Silvex)	ND	ND		
Dalapon	ND	ND		
Dicamba	ND	ND		
Dichloroprop	ND	ND		
Dinoseb	ND	ND		
MCPA	ND	ND		
MCPP	ND	ND		
Pentachlorophenol	ND	ND		

**Primary/Confirmation Relative Percent Difference**  
*Microbac Laboratories Inc.*



**Login #:** L14020937  
**Instrument:** HP17  
**Analyst:** ECL  
**Worknum:** WG464363  
**File ID #2:** 17G16533.R

**Prep Method:** METHOD  
**Prep Date:** 02/21/2014 08:14  
**Anal Method:** 8151A  
**Analysis Date:** 02/24/2014 20:17  
**Analysis Date #2:** 02/24/2014 20:42

**Samplenum:** L14020937-02  
**File ID:** 17G16533.F  
**Matrix:** SOLID  
**Units:** ug/kg

Analyte	Column #1	Column #2	%RPD	Q
2,4-D	ND	ND		
2,4-DB	ND	ND		
2,4,5-T	ND	ND		
2,4,5-TP (Silvex)	ND	ND		
Dalapon	ND	ND		
Dicamba	ND	ND		
Dichloroprop	ND	ND		
Dinoseb	ND	ND		
MCPA	ND	ND		
MCPP	ND	ND		
Pentachlorophenol	ND	ND		

## METHOD BLANK SUMMARY

Login Number: L14020937 Work Group: WG463995  
 Blank File ID: T2.022414.172651 Blank Sample ID: WG463952-02  
 Prep Date: 02/20/14 13:05 Instrument ID: ICP-THERMO2  
 Analyzed Date: 02/24/14 17:26 Method: 6010B  
 Analyst: QX

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG463952-03	T2.022414.173025	02/24/14 17:30	01
TOPSOIL	L14020937-01	T2.022414.173343	02/24/14 17:33	01
FILL DIRT	L14020937-02	T2.022414.173716	02/24/14 17:37	01

Report Name: BLANK\_SUMMARY  
 PDF File ID: 3383107  
 Report generated 02/25/2014 09:52



Microbac Laboratories Inc.  
METHOD BLANK REPORT

Login Number: L14020937      Prep Date: 02/20/14 13:05      Sample ID: WG463952-02  
 Instrument ID: ICP-THERMO2      Run Date: 02/24/14 17:26      Prep Method: 3051A  
 File ID: T2.022414.172651      Analyst: QX      Method: 6010B  
 Workgroup (AAB#): WG463995      Matrix: Soil      Units: mg/kg  
 Contract #: \_\_\_\_\_      Cal ID: ICP-TH-24-FEB-14

Analytes	MDL	RL	Concentration	Dilution	Qualifier
Aluminum, Total	10.0	20.0	10.0	1	U
Antimony, Total	0.500	1.00	0.500	1	U
Barium, Total	0.250	0.500	0.250	1	U
Beryllium, Total	0.250	0.500	0.250	1	U
Cadmium, Total	0.250	0.500	0.250	1	U
Calcium, Total	25.0	50.0	25.0	1	U
Chromium, Total	0.500	1.00	0.500	1	U
Cobalt, Total	0.500	1.00	0.500	1	U
Copper, Total	0.500	1.00	0.500	1	U
Iron, Total	1.50	3.00	1.50	1	U
Magnesium, Total	12.5	25.0	12.5	1	U
Manganese, Total	0.250	0.500	0.250	1	U
Nickel, Total	1.00	2.00	1.00	1	U
Potassium, Total	25.0	50.0	25.0	1	U
Silver, Total	1.00	2.00	1.00	1	U
Sodium, Total	12.5	25.0	12.5	1	U
Vanadium, Total	0.250	0.500	0.250	1	U
Zinc, Total	0.500	1.00	0.500	1	U

MDL      Method Detection Limit  
 RL      Reporting/Practical Quantitation Limit  
 ND      Analyte Not detected at or above reporting limit  
 \*      |Analyte concentration| > RL

Report Name: BLANK  
 PDF ID: 3383108  
 25-FEB-2014 09:52



Microbac Laboratories Inc.  
LABORATORY CONTROL SAMPLE (LCS)

Login Number: L14020937 Run Date: 02/24/2014 Sample ID: WG463952-03  
 Instrument ID: ICP-THERMO2 Run Time: 17:30 Prep Method: 3051A  
 File ID: T2.022414.173025 Analyst: QX Method: 6010B  
 Workgroup (AAB#): WG463995 Matrix: Soil Units: mg/kg  
 QC Key: STD Lot#: STD62706 Cal ID: ICP-TH-24-FEB-14

Analytes	Expected	Found	% Rec	LCS Limits	Q
Aluminum, Total	250	240	95.9	80 - 120	
Antimony, Total	30.0	27.6	91.9	80 - 120	
Barium, Total	25.0	23.9	95.7	80 - 120	
Beryllium, Total	1.25	1.15	92.0	80 - 120	
Cadmium, Total	1.25	1.16	93.0	80 - 120	
Calcium, Total	250	241	96.5	80 - 120	
Chromium, Total	12.5	11.9	95.5	80 - 120	
Cobalt, Total	5.00	4.82	96.4	80 - 120	
Copper, Total	12.5	11.9	95.1	80 - 120	
Iron, Total	100	96.6	96.6	80 - 120	
Magnesium, Total	250	237	94.7	80 - 120	
Manganese, Total	12.5	12.5	99.7	80 - 120	
Nickel, Total	12.5	12.1	97.1	80 - 120	
Potassium, Total	1250	1200	96.1	80 - 120	
Silver, Total	10.0	9.15	91.5	80 - 120	
Sodium, Total	1250	1190	95.1	80 - 120	
Vanadium, Total	25.0	23.9	95.7	80 - 120	
Zinc, Total	25.0	23.5	93.9	80 - 120	

LCS - Modified 03/06/2008  
 PDF File ID: 3383109  
 Report generated: 02/25/2014 09:52



## MATRIX SPIKE AND MATRIX SPIKE DUP (MS/MSD)

Loginnum: L14020937      Cal ID: ICP-THERMO2 -      Worknum: WG463995  
 Instrument ID: ICP-THERMO2      Contract #:      Method: 6010B  
 Parent ID: WG463952-01      File ID: T2.022414.173716      Dil: 1      Matrix: SOLID  
 Sample ID: WG463952-04 MS      File ID: T2.022414.174046      Dil: 1      Units: mg/kg  
 Sample ID: WG463952-05 MSD      File ID: T2.022414.174411      Dil: 1      Percent Solid: 79.2

Analyte	Parent	MS Spiked	MS Found	MS %Rec	MSD Spiked	MSD Found	MSD %Rec	%RPD	%Rec Limits	RPD Limit	Q
Aluminum, Total	6210	211	6970	359	241	9610	1410	31.8	80 - 120	20	*#
Antimony, Total	ND	25.3	21.6	85.5	28.9	24.3	84.3	11.6	80 - 120	20	
Barium, Total	77.0	21.1	91.8	69.9	24.1	101	98.7	9.33	80 - 120	20	*
Beryllium, Total	0.475	1.06	1.36	83.9	1.20	1.56	90.6	13.9	80 - 120	20	
Cadmium, Total	0.296	1.06	1.20	85.8	1.20	1.31	84.7	8.96	80 - 120	20	
Calcium, Total	8160	211	8800	305	241	8540	159	3.01	80 - 120	20	*
Chromium, Total	12.1	10.6	21.3	87.0	12.0	25.6	112	18.3	80 - 120	20	
Cobalt, Total	7.26	4.22	10.5	76.1	4.81	11.5	87.6	9.12	80 - 120	20	*
Copper, Total	12.7	10.6	20.9	77.8	12.0	22.8	83.9	8.62	80 - 120	20	*
Iron, Total	15400	84.4	15400	-3.34	96.2	16900	1500	8.97	80 - 120	20	*
Magnesium, Total	5240	211	5600	173	241	5840	252	4.22	80 - 120	20	*
Manganese, Total	546	10.6	515	-288	12.0	520	-215	0.872	80 - 120	20	*
Nickel, Total	16.3	10.6	24.5	78.0	12.0	27.6	94.5	12.0	80 - 120	20	*
Potassium, Total	769	1060	1850	102	1200	2160	116	15.6	80 - 120	20	
Silver, Total	ND	8.44	7.90	93.5	9.62	8.94	92.9	12.4	80 - 120	20	
Sodium, Total	31.4	1060	963	88.3	1200	1090	88.4	12.7	80 - 120	20	
Vanadium, Total	15.8	21.1	35.1	91.4	24.1	42.1	109	18.1	80 - 120	20	
Zinc, Total	57.1	21.1	74.8	83.5	24.1	82.7	106	10.1	80 - 120	20	

\* FAILS %REC LIMIT

# FAILS RPD LIMIT

NOTE: This is an internal quality control sample.



## METHOD BLANK SUMMARY

Login Number: L14020937 Work Group: WG464139  
 Blank File ID: NI.022414.121900 Blank Sample ID: WG463986-02  
 Prep Date: 02/20/14 15:16 Instrument ID: ICP-MS2  
 Analyzed Date: 02/24/14 12:19 Method: 6020  
 Analyst: JYH

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG463986-03	NI.022414.122207	02/24/14 12:22	01
TOPSOIL	L14020937-01	NI.022414.123440	02/24/14 12:34	01
FILL DIRT	L14020937-02	NI.022414.123749	02/24/14 12:37	01

Report Name: BLANK\_SUMMARY  
 PDF File ID: 3381842  
 Report generated 02/24/2014 14:43



## METHOD BLANK REPORT

Login Number: L14020937      Prep Date: 02/20/14 15:16      Sample ID: WG463986-02  
 Instrument ID: ICP-MS2      Run Date: 02/24/14 12:19      Prep Method: 3051A  
 File ID: NI.022414.121900      Analyst: JYH      Method: 6020  
 Workgroup (AAB#): WG464139      Matrix: Soil      Units: mg/kg  
 Contract #: \_\_\_\_\_      Cal ID: ICP-MS - 24-FEB-14

Analytes	MDL	RL	Concentration	Dilution	Qualifier
Arsenic, Total	0.150	0.300	0.150	1	U
Lead, Total	0.100	0.200	0.100	1	U
Selenium, Total	0.100	0.200	0.100	1	U
Thallium, Total	0.0200	0.0400	0.0200	1	U

MDL      Method Detection Limit  
 RL      Reporting/Practical Quantitation Limit  
 ND      Analyte Not detected at or above reporting limit  
 \*      |Analyte concentration| > RL

Report Name: BLANK  
 PDF ID: 3381843  
 24-FEB-2014 14:43



Microbac Laboratories Inc.  
LABORATORY CONTROL SAMPLE (LCS)

Login Number: L14020937 Run Date: 02/24/2014 Sample ID: WG463986-03  
Instrument ID: ICP-MS2 Run Time: 12:22 Prep Method: 3051A  
File ID: NI.022414.122207 Analyst: JYH Method: 6020  
Workgroup (AAB#): WG464139 Matrix: Soil Units: mg/kg  
QC Key: STD Lot#: STD62325 Cal ID: ICP-MS - 24-FEB-14

Analytes	Expected	Found	% Rec	LCS Limits	Q
Arsenic, Total	5.00	4.91	98.3	80 - 120	
Lead, Total	5.00	4.84	96.8	80 - 120	
Selenium, Total	5.00	5.01	100	80 - 120	
Thallium, Total	5.00	4.92	98.3	80 - 120	

LCS - Modified 03/06/2008  
PDF File ID: 3381844  
Report generated: 02/25/2014 15:10



## MATRIX SPIKE AND MATRIX SPIKE DUP (MS/MSD)

Loginnum: L14020937      Cal ID: ICP-MS2-      Worknum: WG464139  
 Instrument ID: ICP-MS2      Contract #: \_\_\_\_\_      Method: 6020  
 Parent ID: WG463986-01      File ID: NI.022414.122516      Dil: 1      Matrix: SOLID  
 Sample ID: WG463986-04 MS      File ID: NI.022414.122825      Dil: 1      Units: mg/kg  
 Sample ID: WG463986-05 MSD      File ID: NI.022414.123133      Dil: 1      Percent Solid: 100

Analyte	Parent	MS Spiked	MS Found	MS %Rec	MSD Spiked	MSD Found	MSD %Rec	%RPD	%Rec Limits	RPD Limit	Q
Arsenic, Total, Total	7.49	4.84	11.2	76.8	4.94	16.7	187	39.5	75 - 125	20	*#
Lead, Total, Total	12.1	4.84	12.8	12.8	4.94	20.5	170	46.7	75 - 125	20	*#
Selenium, Total, Total	0.386	4.84	4.45	84.0	4.94	4.13	75.7	7.45	75 - 125	20	
Thallium, Total	0.209	4.84	4.71	93.0	4.94	5.28	103	11.4	75 - 125	20	

\* FAILS %REC LIMIT

# FAILS RPD LIMIT

NOTE: This is an internal quality control sample.

## METHOD BLANK SUMMARY

Login Number: L14020937 Work Group: WG464097  
 Blank File ID: M7.022114.121204 Blank Sample ID: WG464024-02  
 Prep Date: 02/21/14 08:12 Instrument ID: CVAA1  
 Analyzed Date: 02/21/14 12:12 Method: 7471A  
 Analyst: BKT

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG464024-03	M7.022114.121435	02/21/14 12:14	01
TOPSOIL	L14020937-01	M7.022114.130723	02/21/14 13:07	01
FILL DIRT	L14020937-02	M7.022114.131732	02/21/14 13:17	01

Report Name: BLANK\_SUMMARY  
 PDF File ID: 3378544  
 Report generated 02/21/2014 14:43



Microbac Laboratories Inc.  
METHOD BLANK REPORT

Login Number: L14020937 Prep Date: 02/21/14 08:12 Sample ID: WG464024-02  
Instrument ID: CVAA1 Run Date: 02/21/14 12:12 Prep Method: 7471  
File ID: M7.022114.121204 Analyst: BKT Method: 7471A  
Workgroup (AAB#): WG464097 Matrix: Soil Units: mg/kg  
Contract #: \_\_\_\_\_ Cal ID: CVAA1-21-FEB-14

Analytes	MDL	RL	Concentration	Dilution	Qualifier
Mercury, Total	0.0100	0.250	0.0100	1	U

MDL Method Detection Limit  
RL Reporting/Practical Quantitation Limit  
ND Analyte Not detected at or above reporting limit  
\* |Analyte concentration| > RL

Report Name: BLANK  
PDF ID: 3378545  
21-FEB-2014 14:43



Microbac Laboratories Inc.  
LABORATORY CONTROL SAMPLE (LCS)

Login Number: L14020937 Run Date: 02/21/2014 Sample ID: WG464024-03  
Instrument ID: CVAA1 Run Time: 12:14 Prep Method: 7471  
File ID: M7.022114.121435 Analyst: BKT Method: 7471A  
Workgroup (AAB#): WG464097 Matrix: Soil Units: mg/kg  
QC Key: STD Lot#: STD62946 Cal ID: CVAA1-21-FEB-14

Analytes	Expected	Found	% Rec	LCS Limits	Q
Mercury, Total	0.267	0.289	108	80 - 120	

LCS - Modified 03/06/2008  
PDF File ID: 3378546  
Report generated: 02/21/2014 14:43



## MATRIX SPIKE AND MATRIX SPIKE DUP (MS/MSD)

Loginnum: L14020937      Cal ID: CVAA1 -      Worknum: WG464097  
 Instrument ID: CVAA1      Contract #: \_\_\_\_\_      Method: 7471A  
 Parent ID: WG464024-01      File ID: M7.022114.131732      Dil: 1      Matrix: SOLID  
 Sample ID: WG464024-04 MS      File ID: M7.022114.132005      Dil: 1      Units: mg/kg  
 Sample ID: WG464024-05 MSD      File ID: M7.022114.132239      Dil: 1      Percent Solid: 100

Analyte	Parent	MS Spiked	MS Found	MS %Rec	MSD Spiked	MSD Found	MSD %Rec	%RPD	%Rec Limits	RPD Limit	Q
Mercury, Total	0.0332	0.259	0.254	85.2	0.267	0.283	93.5	10.6	80 - 120	25	

\* FAILS %REC LIMIT

# FAILS RPD LIMIT

NOTE: This is an internal quality control sample.

Microbac Laboratories Inc.  
Ohio Valley Division Analyst List  
February 25, 2014

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001 - BIO-CHEM TESTING WVDEP 220	002 - REIC Consultants, Inc. WVDEP 060
003 - Sturm Environmental	004 - MICROBAC PITTSBURGH
005 - ES LABORATORIES	006 - ALCOSAN LABORATORIES
007 - ALS LABORATORIES	008 - BENCHMARK LABORATORIES
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MMB - MAREN M. BEERY	MRT - MICHELLE R. TAYLOR
MSW - MATT S. WILSON	PDM - PIERCE D. MORRIS
PIT - MICROBAC WARRENDALE	PSW - PEGGY S. WEBB
QX - QIN XU	RAH - ROY A. HALSTEAD
REK - BOB E. KYER	RLB - BOB BUCHANAN
RM - RAYMOND MALEKE	RNP - RICK N. PETTY
RS - ROSEMARY SCOTT	RWC - RODNEY W. CAMPBELL
SAV - SARAH A. VANDENBERG	SEP - SUZANNE J. PAUGH
SLM - STEPHANIE L. MOSSBURG	SLP - SHERI L. PFALZGRAF
TLC - TYLER L. CORDELL	TMB - TIFFANY M. BAILEY
TMM - TAMMY M. MORRIS	TPA - TYLER P. AMRINE
VC - VICKI COLLIER	WJB - WILL J. BEASLEY
WTD - WADE T. DELONG	XXX - UNAVAILABLE OR SUBCONTRACT

February 25, 2014

Qualkey: STD

Qualifier	Description
*	Surrogate or spike compound out of range
+	Correlation coefficient for the MSA is less than 0.995
<	Result is less than the associated numerical value.
>	Result is greater than the associated numerical value.
A	See the report narrative
B	Analyte present in method blank
B1	Target analyte detected in method blank at or above the method reporting limit
B3	Target analyte detected in calibration blank at or above the method reporting limit
B4	The BOD unseeded dilution water blank exceeded 0.2 mg/L
C	Confirmed by GC/MS
CG	Confluent growth
CT1	The cooler temperature at receipt exceeded regulatory guidelines for requested testing.
DL	Surrogate or spike compound was diluted out
E	Estimated concentration due to sample matrix interference
EDL	Elevated sample reporting limits, presence of non-target analytes
EMPC	Estimated Maximum Possible Concentration
F, S	Estimated result below quantitation limit; method of standard additions(MSA)
F,CT1	Estimated value; the analyte concentration was less than the RL/LOQ. The cooler temperature at receipt exceeded regula
FL	Free Liquid
H1	Sample analysis performed past holding time.
I	Semiquantitative result (out of instrument calibration range)
J	Estimated value; the analyte concentration was less than the RL/LOQ.
J,B	Analyte detected in both the method blank and sample above the MDL.
J,CT1	Estimated value; the analyte concentration was less than the RL/LOQ.
J,CT1	Estimated value; the analyte concentration was less than the RL/LOQ. The cooler temperature at receipt exceeded regula
J,P	Estimate; columns don't agree to within 40%
J,S	Estimated concentration; analyzed by method of standard addition (MSA)
L	Sample reporting limits elevated due to matrix interference
L1	The associated blank spike (LCS) recovery was above the laboratory acceptance limits.
L2	The associated blank spike (LCS) recovery was below the laboratory acceptance limits.
M	Matrix effect; the concentration is an estimate due to matrix effect.
N	Tentatively identified compound(TIC)
NA	Not applicable
ND	Not detected at or above the reporting limit (RL/MDL).
ND, CT1	Analyte was not detected. The concentration is below the reported LOD. The cooler temperature at receipt exceeded reg
ND, H1	Not detected; Sample analysis performed past holding time.
ND, L	Not detected; sample reporting limit (RL) elevated due to interference
ND, S	Not detected; analyzed by method of standard addition (MSA)
NF	Not found by library search
NFL	No free liquid
NI	Non-ignitable
NR	Analyte is not required to be analyzed
NS	Not spiked
P	Concentrations >40% difference between the two GC columns
Q	One or more quality control criteria failed. See narrative.
QNS	Quantity of sample not sufficient to perform analysis
RA	Reanalysis confirms reported results
RE	Reanalysis confirms sample matrix interference
S	Analyzed by method of standard addition (MSA)
SMI	Sample matrix interference on surrogate
SP	Reported results are for spike compounds only
TIC	Library Search Compound
TNTC	Too numerous to count
U	Analyte was not detected. The concentration is below the reported MDL.
UJ	Undetected; the MDL and RL are estimated due to quality control discrepancies.
UQ	Undetected; the analyte was analyzed for, but not detected.
W	Post-digestion spike for furnace AA out of control limits
X	Exceeds regulatory limit
X, S	Exceeds regulatory limit; method of standard additions (MSA)
Z	Cannot be resolved from isomer - see below







**Laboratory Report Number:** L14030114

Larry Emerson  
Kemron Environmental Services  
3155 Blackhawk Drive  
Fort Sheridan, IN 60037

Please find enclosed the analytical results for the samples you submitted to Microbac Laboratories. Review and compilation of your report was completed by Microbac's Ohio Valley Division (OVD). If you have any questions, comments, or require further assistance regarding this report, please contact your service representative listed below.

Laboratory Contact:  
Stephanie Mossburg – Team Chemist/Data Specialist  
(740) 373-4071  
Stephanie.Mossburg@microbac.com

*I certify that all test results meet all of the requirements of the DoD QSM and other applicable contract terms and conditions. Any exceptions are attached to this cover page or addressed in the method narratives presented in the report. All results for soil samples are reported on a 'dry-weight' basis unless specified otherwise. Analytical results for water and wastes are reported on a 'as received' basis unless specified otherwise. A statement of uncertainty for each analysis is available upon request. This laboratory report shall not be reproduced, except in full, without the written approval of Microbac Laboratories, DoD ELAP certification number 2936.01. The reported results are related only to the samples analyzed as received.*

This report was certified on March 10 2014

David Vandenberg – Managing Director

State of Origin: IN  
Accrediting Authority: N/A ID:N/A  
QAPP: DOD Ver 4.1



## Record of Sample Receipt and Inspection

### Comments/Discrepancies

This is the record of the shipment conditions and the inspection records for the samples received and reported as a sample delivery group (SDG). All of the samples were inspected and observed to conform to our receipt policies, except as noted below.

The following discrepancies were noted:

Discrepancy	Resolution

### Coolers

Cooler #	Temperature Gun	Temperature	COC #	Airbill #	Temp Required?
0019068	I	7.0		1001845360610004575000804359318453	

### Inspection Checklist

#	Question	Result
1	Were shipping coolers sealed?	Yes
2	Were custody seals intact?	Yes
3	Were cooler temperatures in range of 0-6?	NA
4	Was ice present?	NA
5	Were COC's received/information complete/signed and dated?	Yes
6	Were sample containers intact and match COC?	Yes
7	Were sample labels intact and match COC?	Yes
8	Were the correct containers and volumes received?	Yes
9	Were samples received within EPA hold times?	Yes
10	Were correct preservatives used? (water only)	NA
11	Were pH ranges acceptable? (voa's excluded)	NA
12	Were VOA samples free of headspace (less than 6mm)?	NA

**Samples Received**

Client ID	Laboratory ID	Date Collected	Date Received
BAG 001 SOUTH	L14030114-01	03/04/2014 12:00	03/05/2014 10:08
BAG 002 NORTH	L14030114-02	03/04/2014 12:00	03/05/2014 10:08



**Login Number:** L14030114  
**Department:** Metals  
**Analyst:** Kim Rhodes

## **METHOD**

**Preparation:** SW-846 3015

**Analysis:** SW-846 6010

## **HOLDING TIMES**

**Sample Preparation:** All holding times were met.

**Sample Analysis:** All holding times were met.

## **PREPARATION**

Sample preparation proceeded normally.

## **CALIBRATION**

**Initial Calibration:** All acceptance criteria were met.

**Alternate Source Standards:** All acceptance criteria were met.

**Interference Check Standards:** All acceptance criteria were met.

**Continuing Calibration Verification:** All acceptance criteria were met.

**Continuing Calibration Blank:** All acceptance criteria were met.

## **BATCH QA/QC**

**Method Blank:** All acceptance criteria were met.

**Laboratory Control Sample:** All acceptance criteria were met.

**Serial Dilution/Post Digestion Spikes:** WG465940 All acceptance criteria were met.

**Matrix Spikes:** All acceptance criteria were met.

**SAMPLES**

**Samples:** WG465940 - Client sample 01 yielded a result for lead that exceeded the TCLP regulatory limit.

**Narrative ID:** 79680

**Approved By:** Maren Beery

*Maren Beery*

Certificate of Analysis

### Certificate of Analysis

<b>Sample #:</b> L14030114-01	<b>PrePrep Method:</b>	<b>Instrument:</b> PE-ICP2
<b>Client ID:</b> BAG 001 SOUTH	<b>Prep Method:</b> 3015	<b>Prep Date:</b> 03/06/2014 10:16
<b>Matrix:</b> TCLP Leach	<b>Analytical Method:</b> 6010B	<b>Cal Date:</b> 03/07/2014 08:14
<b>Workgroup #:</b> WG465940	<b>Analyst:</b> KHR	<b>Run Date:</b> 03/07/2014 22:41
<b>Collect Date:</b> 03/04/2014 12:00	<b>Dilution:</b> 1	<b>File ID:</b> P2.030714.224108
<b>Sample Tag:</b> 01	<b>Units:</b> mg/L	

Analyte	Result	Qual	LOQ	DL	EPA HW#	Reg. Limit
Lead, TCLP	46.3		0.100	0.0500	D008	5

<b>Sample #:</b> L14030114-02	<b>PrePrep Method:</b>	<b>Instrument:</b> PE-ICP2
<b>Client ID:</b> BAG 002 NORTH	<b>Prep Method:</b> 3015	<b>Prep Date:</b> 03/06/2014 10:16
<b>Matrix:</b> TCLP Leach	<b>Analytical Method:</b> 6010B	<b>Cal Date:</b> 03/07/2014 08:14
<b>Workgroup #:</b> WG465940	<b>Analyst:</b> KHR	<b>Run Date:</b> 03/07/2014 22:44
<b>Collect Date:</b> 03/04/2014 12:00	<b>Dilution:</b> 1	<b>File ID:</b> P2.030714.224435
<b>Sample Tag:</b> 01	<b>Units:</b> mg/L	

Analyte	Result	Qual	LOQ	DL	EPA HW#	Reg. Limit
Lead, TCLP	0.673		0.100	0.0500	D008	5

Microbac Laboratories Inc.  
Ohio Valley Division Analyst List  
March 10, 2014

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003 - Sturm Environmental	004 - MICROBAC PITTSBURGH
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KRB - KAELY R. BECKER	KRP - KATHY R. PARSONS
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MRT - MICHELLE R. TAYLOR	MSW - MATT S. WILSON
PDM - PIERCE D. MORRIS	PIT - MICROBAC WARRENDALE
PSW - PEGGY S. WEBB	QX - QIN XU
RAH - ROY A. HALSTEAD	REK - BOB E. KYER
RLB - BOB BUCHANAN	RM - RAYMOND MALEKE
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SLP - SHERI L. PFALZGRAF	TLC - TYLER L. CORDELL
TMB - TIFFANY M. BAILEY	TMM - TAMMY M. MORRIS
TPA - TYLER P. AMRINE	VC - VICKI COLLIER
WJB - WILL J. BEASLEY	WTD - WADE T. DELONG
XXX - UNAVAILABLE OR SUBCONTRACT	

March 10, 2014

Qualkey: DOD

Qualifier	Description
*	Surrogate or spike compound out of range
+	Correlation coefficient for the MSA is less than 0.995
<	Result is less than the associated numerical value.
>	Greater than
A	See the report narrative
B	The reported result is associated with a contaminated method blank.
B1	Target analyte detected in method blank at or above the method reporting limit
B3	Target analyte detected in calibration blank at or above the method reporting limit
B4	The BOD unseeded dilution water blank exceeded 0.2 mg/L
C	Confirmed by GC/MS
CG	Confluent growth
CT1	The cooler temperature at receipt exceeded regulatory guidelines for requested testing.
DL	Surrogate or spike compound was diluted out
E	Estimated concentration due to sample matrix interference
EDL	Elevated sample reporting limits, presence of non-target analytes
EMPC	Estimated Maximum Possible Concentration
F, S	Estimated result below quantitation limit; method of standard additions(MSA)
F,CT1	Estimated value; the analyte concentration was less than the RL/LOQ. The cooler temperature at receipt exceeded regula
FL	Free Liquid
H1	Sample analysis performed past holding time.
I	Semiquantitative result (out of instrument calibration range)
J	Estimated concentration; sample matrix interference.
J	Estimated value ; the analyte concentration was greater than the highest standard
J	Estimated value ; the analyte concentration was less than the LOQ.
J	The reported result is an estimated value.
J,B	Analyte detected in both the method blank and sample above the MDL.
J,CT1	Estimated value; the analyte concentration was less than the RL/LOQ.
J,CT1	Estimated value; the analyte concentration was less than the RL/LOQ. The cooler temperature at receipt exceeded regula
J,P	Estimate; columns don't agree to within 40%
J,S	Estimated concentration; analyzed by method of standard addition (MSA)
JB	The reported result is an estimated value. The reported result is also associated with a contaminated method blank.
JQ	The reported result is an estimated value and one or more quality control criteria failed. See narrative.
L	Sample reporting limits elevated due to matrix interference
L1	The associated blank spike (LCS) recovery was above the laboratory acceptance limits.
L2	The associated blank spike (LCS) recovery was below the laboratory acceptance limits.
M	Matrix effect; the concentration is an estimate due to matrix effect.
N	Nontarget analyte; the analyte is a tentatively identified compound (TIC) by GC/MS
NA	Not applicable
ND	Not detected at or above the reporting limit (RL/MDL).
ND, CT1	Analyte was not detected. The concentration is below the reported LOD. The cooler temperature at receipt exceeded reg
ND, H1	Not detected; Sample analysis performed past holding time.
ND, L	Not detected; sample reporting limit (RL) elevated due to interference
ND, S	Not detected; analyzed by method of standard addition (MSA)
NF	Not found by library search
NFL	No free liquid
NI	Non-ignitable
NR	Analyte is not required to be analyzed
NS	Not spiked
P	Concentrations >40% difference between the two GC columns
Q	One or more quality control criteria failed. See narrative.
QNS	Quantity of sample not sufficient to perform analysis
RA	Reanalysis confirms reported results
RE	Reanalysis confirms sample matrix interference
S	Analyzed by method of standard addition (MSA)
SMI	Sample matrix interference on surrogate
SP	Reported results are for spike compounds only
TIC	Library Search Compound
TNTC	Too numerous to count
U	Analyte was not detected. The concentration is below the reported LOD.
U,H1	Not detected; Sample analysis performed past holding time.
UJ	Undetected; the MDL and RL are estimated due to quality control discrepancies.
UQ	Undetected; the analyte was analyzed for, but not detected.
W	Post-digestion spike for furnace AA out of control limits
X	Exceeds regulatory limit
X, S	Exceeds regulatory limit; method of standard additions (MSA)
Z	Cannot be resolved from isomer - see below



COC No. A 39992

158 Starlite Drive  
Marietta, OH 45750



Phone: 740-373-4071  
Fax: 740-373-4835



CHAIN-OF-CUSTODY RECORD

Company Name: <b>Kem Ron</b>					NUMBER OF CONTAINERS	Hold	XX	TCLP-Lead	TOTAL # (LAB USE)	Program <input type="checkbox"/> CWA <input type="checkbox"/> RCRA <input checked="" type="checkbox"/> DOD <input type="checkbox"/> AFCEE <input type="checkbox"/> Other _____							
Project Contact: <b>L. Emmerson</b>		Contact Phone #: <b>(847) 815 3768</b>								Turn Around Requirements: <b>3-day</b>		Location: <b>Crawe Old R. Flc</b>			ADDITIONAL REQUIREMENTS  <b>3day TAT</b>		
Project ID: <b>18314-00-005 u07</b>										Sampler (print): <b>P. Bani</b>		Signature: <i>[Signature]</i>					
Sample I.D. No.	Comp	Grab	Date	Time						Matrix*							
<b>BA6001 SOUTH</b>	<b>X</b>		<b>3/4/14</b>	<b>1200</b>						<b>Soil TCLP</b>	<b>1</b>	<b>XX</b>					
<b>BA6002 NORTH</b>	<b>X</b>		<b>3/4/14</b>	<b>1200</b>	<b>Soil TCLP</b>	<b>1</b>	<b>XX</b>										
Relinquished by: (Signature) <i>[Signature]</i>					Date	Time	Microbac OVD Received: 03/05/2014 10:08 By: ROSEMARY SCOTT 221000050446		Date	Time	Received by: (Signature)						
Relinquished by: (Signature)					Date	Time			Remarks:								

\*Water (W), Soil (S), Solid Waste (SD), Unknown (X)

Microbac Laboratories Inc.  
Internal Chain of Custody Report

**Login:** L14030114  
**Account:** 2820  
**Project:** 2820.243  
**Samples:** 2  
**Due Date:** 10-MAR-2014

**Samplenum**            **Container ID**    **Products**  
L14030114-01        328760            TC-EX

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish	pH
1	LOGIN	COOLER	W1	05-MAR-2014 11:35	CLS		
2	ANALYZ	W1	TCL	05-MAR-2014 11:37	BRG	CLS	

**Samplenum**            **Container ID**    **Products**  
L14030114-02        328761            TC-EX

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish	pH
1	LOGIN	COOLER	W1	05-MAR-2014 11:35	CLS		
2	ANALYZ	W1	TCL	05-MAR-2014 11:37	BRG	CLS	

A1 - Sample Archive (COLD)  
A2 - Sample Archive (AMBIENT)  
F1 - Volatiles Freezer in Login  
V1 - Volatiles Refrigerator in Login  
W1 - Walkin Cooler in Login



# BOWSER-MORNER, INC.

Bloomfield  
2013  
Sand

Delivery Address: 4518 Taylorsville Road • Dayton, Ohio 45424 Mailing Address: P. O. Box 51 • Dayton, Ohio 45401

AASHTO/ISO 17025 Accredited

## LABORATORY REPORT

**Report To:** VCNA Prairie  
Attn: Jim Scarlett  
P.O. Box 245  
Bloomfield, IN 47424

**Report Date:** February 25, 2013  
**Job No.:** 160642  
**Report No.:** 709731  
**No. of Pages:** 7

**Report On:** Laboratory Analysis of One Sand Sample  
MSE Wall Parameters (INDOT)  
Source: Bloomfield  
Sample ID: No. 23 Sand / No. 4 SBF

On January 15, 2013, one sand sample was submitted for laboratory analysis. Testing was performed as specified by the client and in accordance with the following procedures:

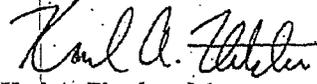
- AASHTO T 88, "Particle Size Analysis of Soils".
- AASHTO T 99, "Moisture Density Relations of Soils Using a 2.5-Kg (5.5-lb.) Rammer and a 305mm (12-in.) Drop".
- AASHTO T 215, "Permeability of Granular Soils (Constant Head)".
- AASHTO T 236, "Direct Shear Test of Soils Under Consolidated Drained Conditions".
- AASHTO T 267, "Determination of Organic Content in Soils by Loss on Ignition".
- AASHTO T 288, "Determining Minimum Laboratory Soil Resistivity".
- AASHTO T 289, "Determining pH of Soil for Use in Corrosion Testing".

Results are summarized in Table I and detailed on the attached data sheets.

Should you have any questions, or if we may be of further service, please contact me at (937) 236-8805, extension 322.

KAF/rew/lfg  
709731  
I-File  
1-jlscarlett@prairie.com.

Respectfully submitted,  
BOWSER-MORNER, INC.

  
Karl A. Fletcher, Manager  
Construction Materials and  
Geotechnical Laboratories

Report To: VCNA Prairie  
 Source: Bloomfield  
 Sampled: Not Specified

BMI Job No.: 160642  
 BMI Report No.: 709731  
 Date Received: 1-15-13

Sample ID: No. 23 Sand / No. 4 SBF

TABLE I  
 Summary of Results

Sieve Size	Percent Passing	INDOT Specification 731.05 (Materials) <sup>3</sup>		
		1 in.	1/2 in.	No. 4
1 1/2"		100	100	---
1"		85-100	---	---
3/4"		70-100	---	---
1/2"		55-95	85-100	100
3/8"	100.0	---	---	---
No. 4	100.0	25-75	45-85	90-100
No. 8	89.2	15-60	25-75	75-100
No. 16	62.4	---	---	---
No. 30	32.3	3-35	5-45	15-70
No. 40	15.8	---	---	---
No. 50	6.3	---	---	---
No. 100	1.1	---	---	---
No. 200	0.7	0-8	0-8	0-8
pH:	8.8		5-10	
Loss on Ignition, %:	0.5		<1	
Resistivity (@ 100% Saturation), ohm-cm: <sup>4</sup>	44,957		≥3,000	
Standard Proctor:	---		---	
Maximum Dry Density, pcf:	108.9		---	
Optimum Moisture, %:	10.8		---	
Constant Head Permeability, ft/day: <sup>2</sup>	304		≥30	
Friction Angle (-No. 8 Material) <sup>1</sup>	---		---	
At Failure:	35.1		≥34	

<sup>1</sup> Direct shear specimens were remolded using minus No. 8 material at optimum moisture to 95% of maximum dry density according to AASHTO T 99.

<sup>2</sup> Permeability specimen was remolded in its as received gradation at optimum moisture to 95% of maximum dry density according to AASHTO T 99.

<sup>3</sup> Gradations in accordance with INDOT 904.03(e) for No. 5, No. 8, No. 9, No. 11, and No. 12 are also acceptable.

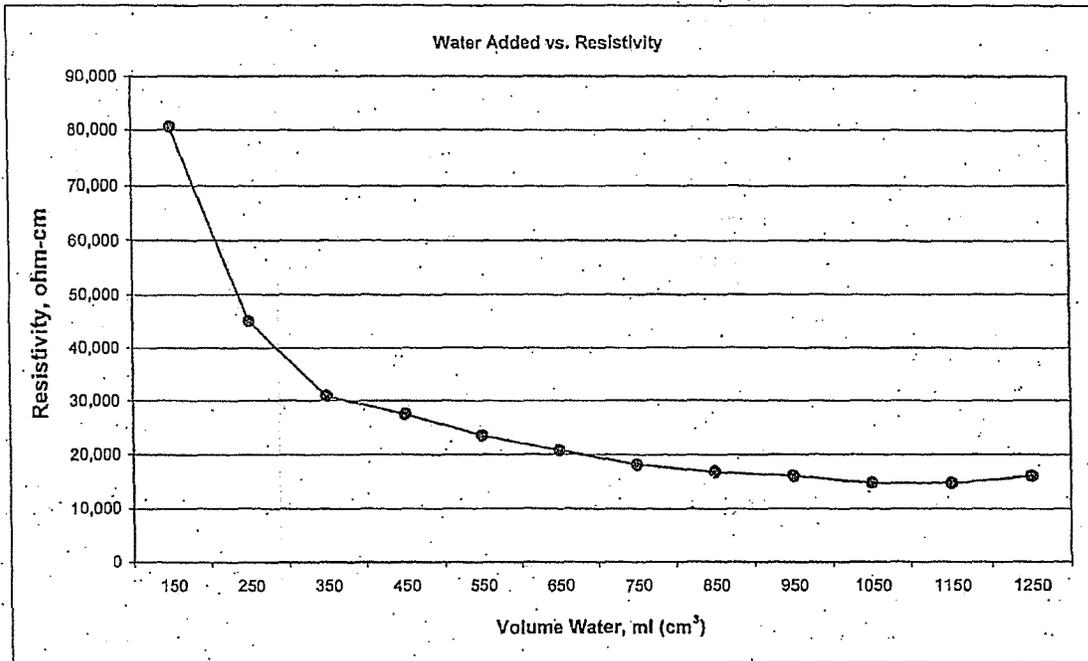
<sup>4</sup> It is the understanding of this laboratory that INDOT defines 100% saturation as the point at which the pore spaces between particles are completely filled with fluid (water), however the test specimen is not "super saturated".

Report To: VCNA Prairie  
 Project: Bloomfield  
 Material: #23 Sand / #4 SBF

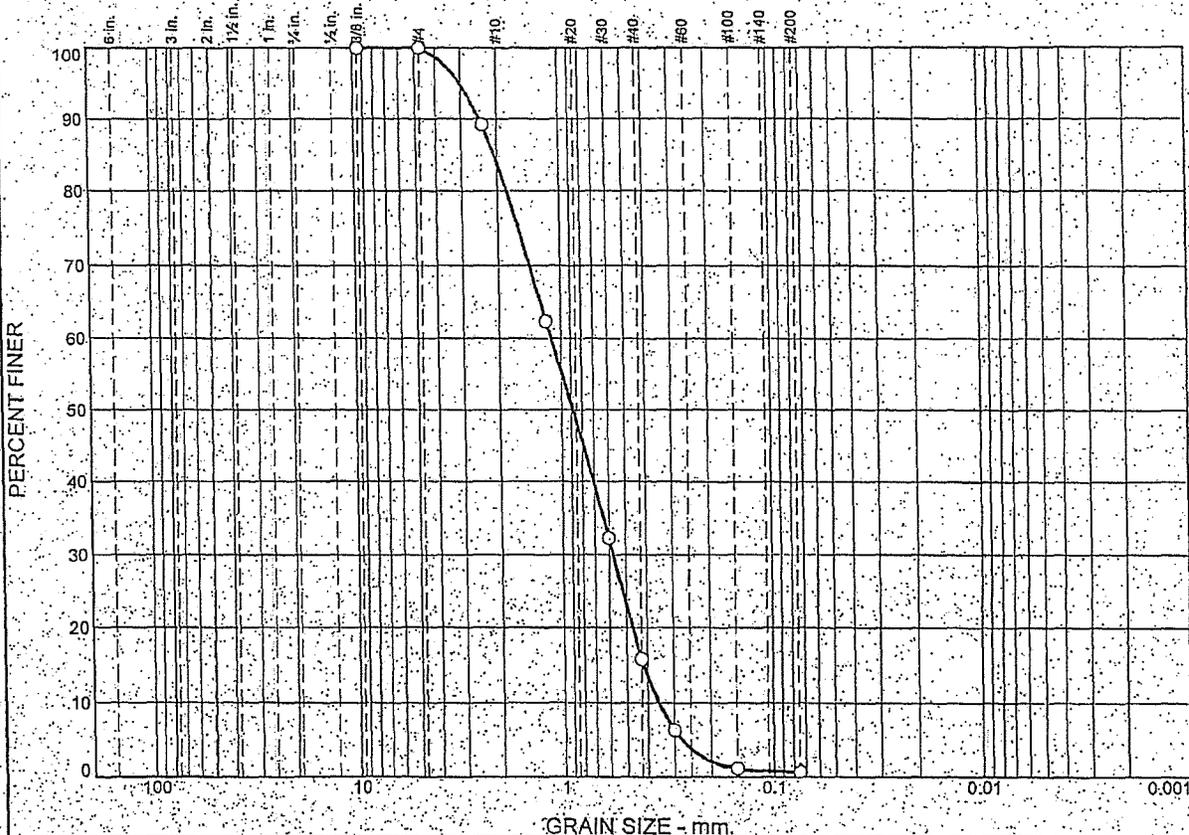
BMI Job No.: 160642  
 BMI Report No.: 709731  
 Date Received: 01/15/13

Procedure: AASHTO T 288, "Determining Minimum Laboratory Soil Resistivity"

Water Added, ml.		Resistivity, ohm-cm	
1	150	80,520	
2	250	44,957	100% Saturated
3	350	30,866	Super Saturated
4	450	27,511	
5	550	23,485	
6	650	20,801	
7	750	18,117	
8	850	16,775	
9	950	16,104	
10	1050	14,762	Minimum Resistivity (100% Fluid)
11	1150	14,762	
12	1250	16,104	



# GRAIN SIZE DISTRIBUTION REPORT



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	16.1	68.1	15.1	0.7	

LL	PL	D <sub>85</sub>	D <sub>60</sub>	D <sub>50</sub>	D <sub>30</sub>	D <sub>15</sub>	D <sub>10</sub>	C <sub>c</sub>	C <sub>u</sub>
0		2.0671	1.1159	0.8822	0.5730	0.4163	0.3556	0.83	3.14

Material Description	USCS	AASHTO
o #23 Sand / #4 SBF	SP	

Project No: 160642      Client: VCNA Prairie Project: Bloomfield Location: Bloomfield	Remarks: o No, 200 Decant % Loss: 0.6
---	---

**BOWSER-MORNER, INC.**  
Dayton, Ohio

GRAIN SIZE DISTRIBUTION TEST DATA

1/18/2013

Client: VCNA Prairie  
 Project: Bloomfield  
 Project Number: 160642  
 Location: Bloomfield  
 Material Description: #23 Sand / #4 SBF  
 USCS Classification: SP  
 Testing Remarks: No. 200 Decant  
 % Loss: 0.6

Sieve Analysis Data

Dry Sample and Tare (grams)	Tare (grams)	Cumulative Pan Tare Weight (grams)	Sieve Opening Size	Cumulative Weight Retained (grams)	Percent Finer
900.90	232.80	0.00	#375	0.00	100.0
			#4	0.11	100.0
			#8	72.32	89.2
			#16	251.35	62.4
			#30	452.21	32.3
			#40	562.57	15.8
			#50	625.70	6.3
			#100	660.50	1.1
			#200	663.20	0.7

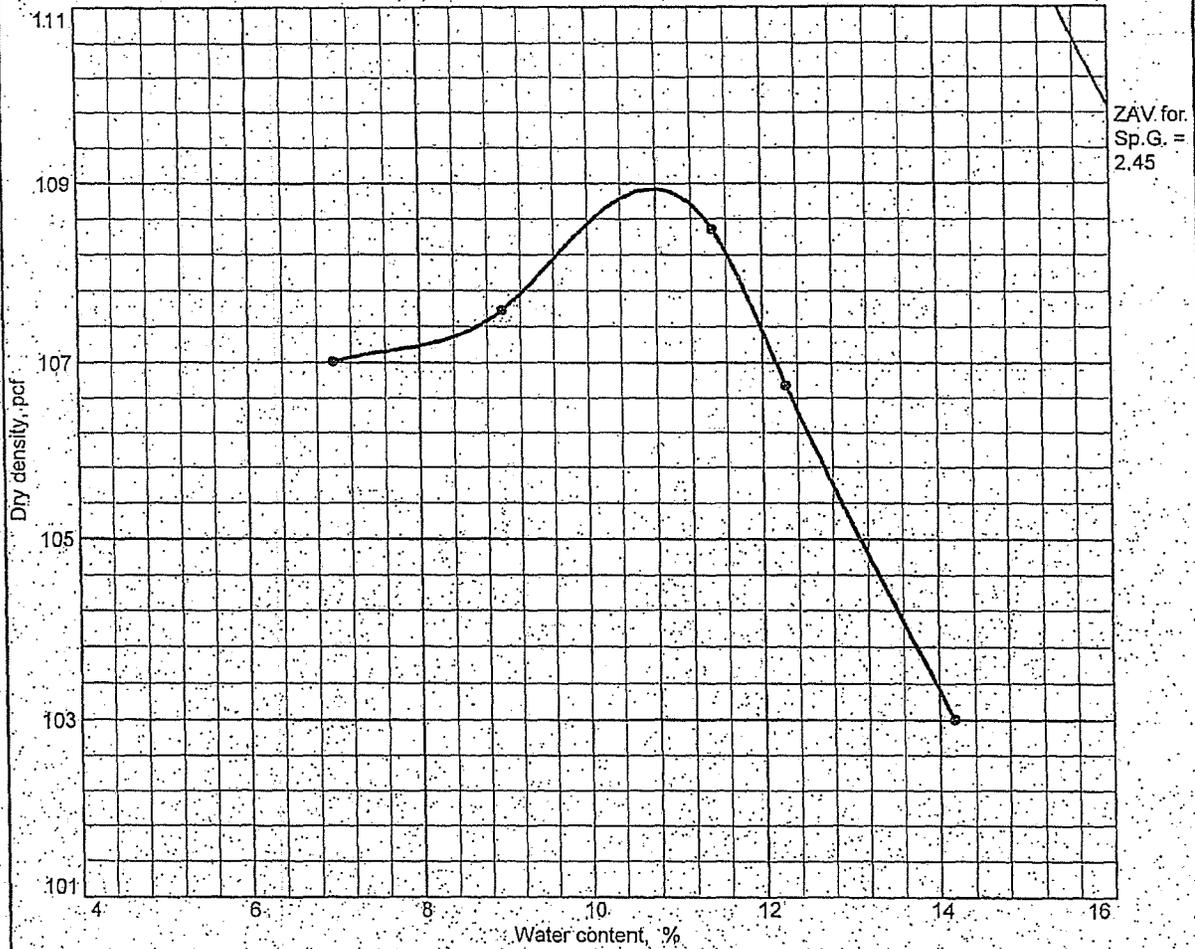
Fractional Components

Cobbles	Gravel			Sand				Fines		
	Coarse	Fine	Total	Coarse	Medium	Fine	Total	Silt	Clay	Total
0.0	0.0	0.0	0.0	16.1	68.1	15.1	99.3			0.7

D <sub>10</sub>	D <sub>15</sub>	D <sub>20</sub>	D <sub>30</sub>	D <sub>50</sub>	D <sub>60</sub>	D <sub>80</sub>	D <sub>85</sub>	D <sub>90</sub>	D <sub>95</sub>
0.3556	0.4163	0.4685	0.5730	0.8822	1.1159	1.8016	2.0671	2.4305	3.0300

Fineness Modulus	C <sub>u</sub>	C <sub>c</sub>
3.09	3.14	0.83

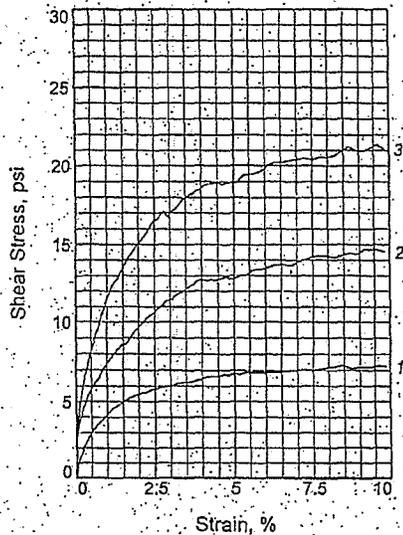
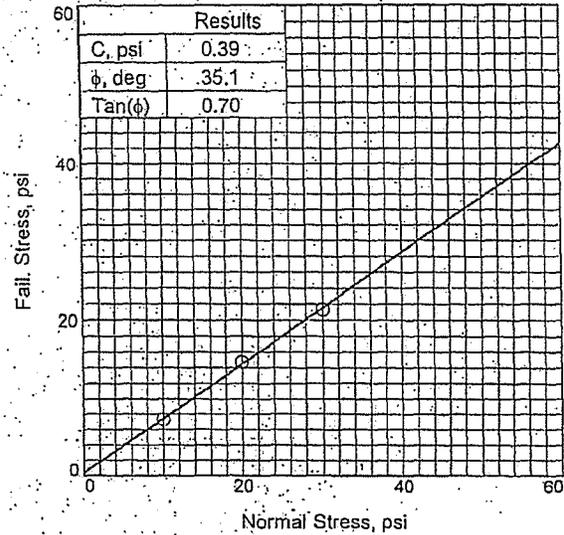
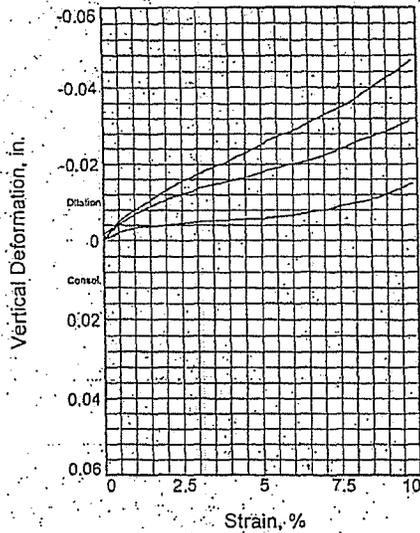
# PROCTOR TEST REPORT



Test specification: AASHTO T 99-Method C Standard

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > 3/4 in.	% < No.200
	USCS	AASHTO						

TEST RESULTS	MATERIAL DESCRIPTION
Maximum dry density = 108.9 pcf	#23 Sand / #4 SBF
Optimum moisture = 10.8 %	
Project No. 160642    Client:	Remarks: Date Received: 1-15-13
Project: Bloomfield	
Location: Bloomfield	
<b>BOWSER-MORNER, INC.</b>	
Dayton, Ohio	Curve No.: 1301-5573



Sample No.	1	2	3
Initial			
Water Content, %	11.8	11.8	11.8
Dry Density, pcf	102.5	102.5	102.5
Saturation, %	49.4	49.4	49.4
Void Ratio	0.6440	0.6440	0.6440
Diameter, in.	2.500	2.500	2.500
Height, in.	1.250	1.250	1.250
At Test			
Water Content, %	22.3	22.0	20.8
Dry Density, pcf	103.6	104.6	106.9
Saturation, %	95.8	96.9	97.6
Void Ratio	0.6275	0.6116	0.5766
Diameter, in.	2.500	2.500	2.500
Height, in.	1.238	1.225	1.199
Normal Stress, psi	10.00	20.00	30.00
Fail. Stress, psi	7.30	14.71	21.37
Strain, %	8.5	9.4	9.6
Ult. Stress, psi			
Strain, %			
Strain rate, in./min.	0.003	0.003	0.003

Sample Type: Remolded  
Description: #23 Sand / #4 SBF (Minus #8 Mesh)

Assumed Specific Gravity = 2.70  
Remarks: Date Tested: 1-24-2013  
AASHTO T 236

Client: VCNA Prairie  
Project: MSE Wall Parameters (INDOT)

Location: Bloomfield

Proj. No.: 160642

Date Sampled: 1-15-2013

DIRECT SHEAR TEST REPORT

**BOWSER-MORNER, INC.**

Tested By: CSS

Checked By: KAF





















**Appendix D**  
**Comprehensive Soil Confirmation Sampling Data from Excavation Walls and Floors**  
**UXO 7 IM Soil Removal Action**  
**February through April 2014**  
**NSA Crane, Crane, Indiana**

LOCATION SAMPLE ID	X7-BA10-AA-SOCW X7-BA10-AA- SOCW001-0002	X7-BA10-A-SOCF X7-BA10-A- SOCF001	X7-BA10-BA-SOCW X7-BA10-BA- SOCW002-0002	X7-BA10-CA-SOCW X7-BA10-CA- SOCW003-0002	X7-BA10-DA-SOCW X7-BA10-DA- SOCW004-0002	X7-BA-TCLP X7-BA-TCLP-01	X7-BA-TP-B X7-BA-TP-B	X7-BA-TP-C X7-BA-TP-C	X7-C-SA001 X7-C-SA001	X7-C-SA002 X7-C-SA002	X7-C-SA003 X7-C-SA003	X7-DA1-AA-SOCW X7-DA1-AA- SOCW001-0002
SAMPLE DATE	20140227	20140227	20140227	20140227	20140227	20140313	20140318	20140318	20140423	20140423	20140423	20140303
SAMPLE CODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
MATRIX	SO	SO	SO	SO	SO	QC	SO	SO	SO	SO	SO	SO
SAMPLE TYPE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SUBMATRIX	SS	NA	SS	SS	SS	NA	NA	NA	NA	NA	NA	SS
TOP DEPTH	0	-9999	0	0	0	-9999	-9999	-9999	-9999	-9999	-9999	0
BOTTOM DEPTH	2	-9999	2	2	2	-9999	-9999	-9999	-9999	-9999	-9999	2
<b>POLYCYCLIC AROMATIC HYDROCARBONS</b>												
2-METHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0046 U	NA
ACENAPHTHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0046 U	NA
ACENAPHTHYLENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0046 U	NA
ANTHRACENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0046 U	NA
BAP EQUIVALENT-HALFND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0052063	NA
BENZO(A)ANTHRACENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0046 U	NA
BENZO(A)PYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0022 J	NA
BENZO(B)FLUORANTHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0046 U	NA
BENZO(G,H,I)PERYLENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0046 U	NA
BENZO(K)FLUORANTHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0028 U	NA
CHRYSENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0046 U	NA
DIBENZO(A,H)ANTHRACENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0046 U	NA
FLUORANTHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0046 U	NA
FLUORENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0046 U	NA
INDENO(1,2,3-CD)PYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0046 U	NA
NAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0046 U	NA
PHENANTHRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0033 U	NA
PYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0046 U	NA
<b>METALS (MG/KG)</b>												
LEAD	150	57	220	97	160	NA	180	160	14	21	28	170
<b>TCLP METALS (MG/L)</b>												
LEAD	NA	NA	NA	NA	NA	21	NA	NA	NA	NA	NA	NA





















**APPENDIX E**

**EMAC BACKFILL DOCUMENTATION**

# VA PRAIRIE

m Cement North America Inc.

Material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

Billing Control

No. 2186547

PLANT 4570 BLOOMFIELD  
SOURCE 2687 Q022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: @7835667

Delivery Address: CRANE

JOB#KV0006

12:32

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/12/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT52	4039955	YOUNG TRUCKING, INC.	Total 415.61	Loads	20
Zone	Job/Section/Contract No.	Delivered			

Quantity	Description	U/M
23.18	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 72,740 lb (Scale 6)  
P.T. TARE: 26,380 lb (Scale 6)  
NET: 46,360 lb

01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control  
No. 2186546

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE  
JOB#KV0006  
Ticket No: 07835666  
11:43

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/12/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT19	4039955	YOUNG TRUCKING, INC.	Total	392.43	Loads 19
Zone	Job/Section/Contract No.		Delivered		

		N			
Quantity	Description	U/M			
20.69	6116838 4 STRUCTURAL BACKFILL	Ton			

OUT GROSS: 67,180 lb (Scale 6)  
P.T. TARE: 25,820 lb (Scale 5)  
NET: 41,360 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control  
No. 2186545

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC Ticket No: 07835665  
Delivery Address: CRANE  
JOB#KV0006 11:41

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS  
Customer JobID Customer Order/Job No. Method of Payment Rndate  
5919942 31625 000155 OK TO SHIP 3/12/2014

Truck No. Trucker No. Trucker Name Cumulative  
YR11 4039955 YOUNG TRUCKING, INC. Total 371.75 Loads 18  
Zone Job/Section/Contract No. Delivered

Quantity Description U/M  
20.68 6116838 4 STRUCTURAL BACKFILL Ton

OUT GROSS: 67,960 lb (Scale 6)  
P.T. TARE: 26,600 lb (Scale 5)  
NET: 41,360 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186544

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC Ticket No: 07835664  
Delivery Address: CRANE  
JOB#KV0006 11:39

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS  
Customer JobID Customer Order/Job No. Method of Payment Rndate  
5919942 31625 000155 OK TO SHIP 3/12/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT44			Total 351.07	Loads	17
Zone	Job/Section/Contract No.		Delivered		
			N		
Quantity	Description		U/M		
20.15	6116838 4 STRUCTURAL BACKFILL		Ton		

OUT GROSS: 67,700 lb (Scale 6)  
P.T. TARE: 27,400 lb (Scale 6)  
NET: 40,300 lb

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control  
No. 2186542

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE  
JOB#KV0006

Ticket No: 07835662  
11:01

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/12/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT18	4039955	YOUNG TRUCKING, INC.	Total	330.92	Loads 16
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
19.57	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 68,120 lb (Scale 6)  
P.T. TARE: 28,980 lb (Scale 6)  
NET: 39,140 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186541

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE  
JOB#KV0006

Ticket No: 07835661  
10:55

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/12/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT52	4039955	YOUNG TRUCKING, INC.	Total	311.35	Loads 15
Zone	Job/Section/Contract No.	Delivered			

Quantity	Description	U/M
23.42	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 73,220 lb (Scale 6)  
P.T. TARE: 26,380 lb (Scale 6)  
NET: 46,840 lb

AGYT - 01/05

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

2186519

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186519

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 000139

Ticket No: 07835639

Ship To: VR HABILIS-MEMRON, LLC  
Delivery Address: CRANE  
JOB#K0006

07:56

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer JobID Customer Order/Job No. Method of Payment Rndate  
5919942 31625 000135 OK TO SHIP 3/12/2014

Truck No. Trucker No. Trucker Name Cumulative  
YT52 4039955 YOUNG TRUCKING, INC. Total 104.68 Loads 5  
Zone Job/Section/Contract No. Delivered

Quantity Description U/M  
22.85 6116838 4 STRUCTURAL BACKFILL Ton

OUT GROSS: 72,000 lb (Scale 6)  
P.L. TARE: 26,300 lb (Scale 6)  
NET: 45,700 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186537

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4878 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE  
JOB#KY0005

Ticket No: 07835657

10:07

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/12/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
Y119	4039955	YOUNG TRUCKING, INC.	Total 287.93	Loads	14
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
21.09	6116838 4 STRUCTURAL BACKFILL	Ton

GUT GROSS: 68,000 lb (Scale 6)  
P.T. TARE: 25,820 lb (Scale 5)  
NET: 42,180 lb

*Kem Rod*  
*CRANE*

AGYT - 01/05

Signature

Date

# CNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control  
No. 2186536

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4870 BLOOMFIELD  
SOURCE 2687 Q022199

Ship To: VR HABILIS-KEMRON, LLC Ticket No: 07835656

Delivery Address: CRANE  
JOB#KV0006 10:05

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000135	OK TO SHIP	3/12/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT11	4039955	YOUNG TRUCKING, INC.	Total 266.84	Loads	13
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
20.13	6416838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 66,860 lb (Scale 6)  
P.T. TARE: 26,600 lb (Scale 5)  
NET: 40,260 lb

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186535

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07835655

Delivery Address: CRANE

JOB#KVN0006

10:03

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/12/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT44			Total 246.71	Loads	12 <sup>x</sup>
Zone	Job/Section/Contract No.	Delivered			

Quantity	Description	U/M
19.84	6116838-4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 67,080 lb (Scale 5)  
P.T. TARE: 27,400 lb (Scale 6)  
NET: 39,680 lb

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186533

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4978 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07835653

Delivery Address: CRANE

JOB#KV0006

09:46

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/12/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT18	4039955	YOUNG TRUCKING, INC.	Total 226.87	Loads	11
Zone	Job/Section/Contract No.	Delivered			

Quantity	Description	U/M
19.21	6116838 4 STRUCTURAL BACKFILL	Ton

TRUCK# 18  
KEMRON  
CRANE BASE

OUT GROSS: 67,400 lb (Scale 6)  
P.T. TARE: 28,980 lb (Scale 6)  
NET: 38,420 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

Billing Control  
No. 2186530

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022179

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07B35650

Delivery Address: CRANE  
JOB#KV0006

09:28

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/12/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT52	4039955	YOUNG TRUCKING, INC.	Total 207.66	Loads	10
Zone	Job/Section/Contract No.	Delivered			
		N			
Quantity	Description	U/M			
22.59	6116838 4 STRUCTURAL BACKFILL	Ton			

OUT GROSS: 71,560 lb (Scale 6)  
P.T. TARE: 26,380 lb (Scale 6)  
NET: 45,180 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186525

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4978 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE  
JOB#KV0006

Ticket No: 07835645  
00:47

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/12/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT19	4039955	YOUNG TRUCKING, INC.	Total	185.07	Loads 9
Zone	Job/Section/Contract No.	Delivered			

Quantity	Description	U/M
20.80	6116838 4 STRUCTURAL BACKFILL	Ton

*Kem Rod*  
*CRANE*

OUT GROSS: 67,420 lb (Scale 6)  
P.T. TARE: 25,820 lb (Scale 5)  
NET: 41,600 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

Billing Control  
No. 2186524

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE  
JOB#KV0006

Ticket No: 07835644  
08:41

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/12/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT11	4039955	YOUNG TRUCKING, INC.	Total	164.27	Loads 8
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
20.31	6116838 4 STRUCTURAL BACKFILL	Ton

OUT P.T.  
GROSS: 67,220 lb (Scale 6)  
TARE: 26,600 lb (Scale 5)  
NET: 40,620 lb



\_\_\_\_\_  
Signature Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186523

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 Q022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE  
JOB#KV0006

Ticket No: 07835643

08:39

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/12/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT44			Total	143.98	Loads 7
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
19.85	6116838 4 STRUCTURAL BACKFILL	Ton

OUT P.T.  
GROSS: 67,100 lb (Scale 6)  
TARE: 27,400 lb (Scale 6)  
NET: 39,700 lb

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186520

PLANT 4878 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE  
JOB#KY0006

Ticket No: 07B35640  
08:24

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/12/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT18	4039955	YOUNG TRUCKING, INC.	Total 124.11	Leads	6
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
19.43	6116838 4 STRUCTURAL BACKFILL	Ton

TRK#18  
KEMRON  
CRANE BASE

OUT GROSS: 67,840 lb (Scale 6)  
P.T. TARE: 28,980 lb (Scale 6)  
NET: 38,860 lb

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186516

PLANT 4S78 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07835636

Delivery Address: CRANE

JOB#KV0006

07:18

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/12/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT19	4039955	YOUNG TRUCKING, INC.	Total	81.83	Loads 4
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
21.23	6116838 4 STRUCTURAL BACKFILL	Ton

*Kem Ron  
CRANE*

OUT GROSS: 68,280 lb (Scale 6)  
P.T. TARE: 25,820 lb (Scale 5)  
NET: 42,460 lb

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control  
No. 2186514

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4878 BLOOMFIELD

SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07835634

Delivery Address: CRANE

JOB#KV0006

07:11

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/12/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT44			Total	60,60	Leads 3

Zone	Job/Section/Contract No.	Delivered
		N

Quantity	Description	U/M
20.23	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 67,860 lb (Scale 6)  
P.T. TARE: 27,400 lb (Scale 6)  
NET: 40,460 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control  
No. 2186513

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

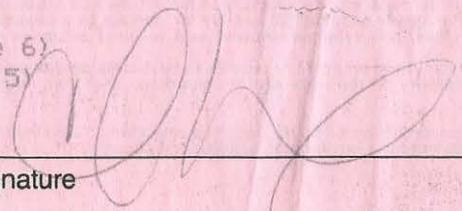
PLANT 4978 BLOOMFIELD  
SOURCE 2687 Q022199

Ship To: VR HABILIS-KEMRON, LLC Ticket No: 07835633  
Delivery Address: CRANE  
JOB#KV0006 07:09

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS  
Customer JobID Customer Order/Job No. Method of Payment Rndate  
5919942 31625 000155 OK TO SHIP 3/12/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT11	4039935	YOUNG TRUCKING, INC.	Total	40.37	Loads 2
Zone	Job/Section/Contract No.		Delivered		
			N		
Quantity	Description		U/M		
20.63	6116838 4 STRUCTURAL BACKFILL		Ton		

OUT GROSS: 67,860 lb (Scale 6)  
P.T. TARE: 26,600 lb (Scale 5)  
NET: 41,260 lb

  
\_\_\_\_\_  
Signature Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186512

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4978 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE  
JOB#KV0006

Ticket No: 07835632  
07:06

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer JobID Customer Order/Job No. Method of Payment Rndate  
5919942 31625 000155 OK TO SHIP 3/12/2014

Truck No. Trucker No. Trucker Name Cumulative  
YT18 4039955 YOUNG TRUCKING, INC. Total 19.74 Loads 1  
Zone Job/Section/Contract No. Delivered

Quantity Description U/M  
19.74 6116838 4 STRUCTURAL BACKFILL Ton

TRK#18  
KEMRON  
GRADE BASE

OUT GROSS: 68,460 lb (Scale 6)  
P.T. TARE: 28,980 lb (Scale 6)  
NET: 39,480 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186573

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD

SOURCE 2687 @022199

Ship To: MR HABILIS-KEMRON, LLC  
Delivery Address: CRANE  
JOB#KV0006

Ticket No: 07835692

11:03

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	ON TO SHIP	3/13/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT19	4039955	YOUNG TRUCKING, INC.	Total 123.84	Loads	6
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
21.27	6116838 4 STRUCTURAL BACKFILL	Ton

*KEMRON*  
*CRANE*

OUT GROSS: 68,360 lb (Scale 6)  
P.T. TARE: 25,820 lb (Scale 5)  
NET: 42,540 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186572

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT AS78 BLOOMFIELD  
SOURCE 2687 0022199

Ticket No: 07835691

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE  
JOB#KVV0006

11:01

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/13/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT17	4039955	YOUNG TRUCKING, INC.	Total 102.57	Loads	5
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
19.83	6116038 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 68,260 lb (Scale 6)  
P.T. TARE: 28,600 lb Manual Wt.  
NET: 39,660 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control  
No. 2186570

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC Ticket No: 07835689  
Delivery Address: CRANE  
JOB#KVD0006 10:43

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Printdate
5919942	31625	000155	OK TO SHIP	3/13/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT50	4039953	YOUNG TRUCKING, INC.	Total	82.74	Loads 4
Zone	Job/Section/Contract No.	Delivered			

Quantity	Description	U/M
21.06	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 67,820 lb (Scale 6)  
P.T. TARE: 25,700 lb (Scale 5)  
NET: 42,120 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control  
No. 2186565

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE  
JOB#KV0006

Ticket No: 07835684  
09:53

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5912942	31625	000155	OK TO SHIP	3/13/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
VT42	4039955	YOUNG TRUCKING, INC.	Total	61.68	Loads 3
Zone	Job/Section/Contract No.	Delivered			

Quantity	Description	U/M
20.35	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 67,180 lb (Scale 6)  
P.T. TARE: 26,480 lb (Scale 6)  
NET: 40,700 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186563

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE  
JOB#KV0006

Ticket No: 07835682  
09:48

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/13/2014

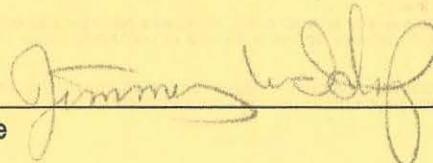
Truck No.	Trucker No.	Trucker Name	Cumulative		
YT49	4039955	YOUNG TRUCKING, INC.	Total	41.33	Loads 2
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
19.81	6115838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 66,620 lb (Scale 6)  
P.T. TARE: 27,000 lb (Scale 6)  
NET: 39,620 lb

AGYT - 01/05

Signature



Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

812 384-9463

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

144.47

No. 2186562

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4878 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE  
JOB#KV0006

Ticket No: 07835681

09:46

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer JobID Customer Order/Job No. Method of Payment Rundate  
5919942 31625 000155 OK TO SHIP 3/13/2014

Truck No. Trucker No. Trucker Name Cumulative  
YT56 4039955 YOUNG TRUCKING, INC. Total 21.52 Loads 1  
Zone Job/Section/Contract No. Delivered

Quantity Description U/M  
21.52 6116038 4 STRUCTURAL BACKFILL Ton

OUT GROSS: 70,440 lb (Scale 6)  
P.T. TARE: 27,400 lb (Scale 5)  
NET: 43,040 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control  
No. 2186906

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 Q022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836025

Delivery Address: CRANE

JOB#KV0006

11:36

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/24/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT11	4039955	YOUNG TRUCKING, INC.	Total 413.06	Loads	20
Zone	Job/Section/Contract No.	Delivered			

Quantity	Description	U/M
20.42	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 67,440 lb (Scale 6)  
P.T. TARE: 26,600 lb (Scale 5)  
NET: 40,840 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control  
No. 2186905

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4878 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE

Ticket No: 07836024

JOB#VR0006

11:35

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/24/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT50	4039955	YOUNG TRUCKING, INC.	Total	392.64	Loads 19
Zone	Job/Section/Contract No.	Delivered			

Quantity	Description	U/M
20.51	6116830 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 66,720 lb (Scale 6)  
P.T. TARE: 25,700 lb (Scale 5)  
NET: 41,020 lb

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186903

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 457B BLDOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836022

Delivery Address: CRANE

JOB#KV0006

11:32

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/24/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT45	4039955	YOUNG TRUCKING, INC.	Total	372.13	Loads 18
Zone	Job/Section/Contract No.		Delivered		

N

Quantity	Description	U/M
21.45	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 71,520 lb (Scale 6)  
P.T. TARE: 28,620 lb (Scale 6)  
NET: 42,900 lb

*CRANE*

*[Signature]*

*1 / 1*

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control  
No. 2186898

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC Ticket No: 07036017  
Delivery Address: CRANE

JOB#KV0006 11:06

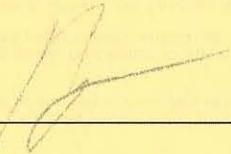
BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/24/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT19	4039955	YOUNG TRUCKING, INC.	Total	350.68	Loads 17
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
20.67	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 67,160 lb (Scale 5)  
P.T. TARE: 25,820 lb (Scale 5)  
NET: 41,340 lb

Signature 

Date / /

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186895

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4979 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE

Ticket No: 07836014

JOB#VR0006

10:59

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Run date
5919942	31625	000155	OK TO SHIP	3/24/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
VT18	4039955	YOUNG TRUCKING, INC.	Total	330.01	Loads 16
Zone	Job/Section/Contract No.		Delivered		

N

Quantity	Description	U/M
18.93	6116838 4 STRUCTURAL BACKFILL	Ton

TRK#18  
VRHK  
CRANE BASE

OUT GROSS: 66,840 lb (Scale 6)  
P.T. TARE: 28,980 lb (Scale 6)  
NET: 37,860 lb

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186889

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE

Ticket No: 07836008

JOB#KV0026

10:11

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/24/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT11	4039955	YOUNG TRUCKING, INC.	Total	311.08	Loads 15
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
20.33	6116838 4" STRUCTURAL BACKFILL	Ton

OUT GROSS: 67,260 lb (Scale 6)  
P.T. TARE: 26,600 lb (Scale 5)  
NET: 40,660 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186888

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4S78 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836007

Delivery Address: CRANE

JOB#KV0006

10:09

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/24/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT50	4039955	YOUNG TRUCKING, INC.	Total 290.75	Loads	14
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
20.53	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 66,760 lb (Scale 6)  
P.T. TARE: 25,700 lb (Scale 5)  
NET: 41,060 lb

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186887

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD

SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE

Ticket No: 07836006

JOB#RV0026

10:07

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/24/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT45	4039955	YOUNG TRUCKING, INC.	Total	270.22	Loads 13
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
21.76	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 72,140 lb (Scale 6)  
P.T. TARE: 28,620 lb (Scale 6)  
NET: 43,520 lb

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186884

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: 9R HABILIS-KEMRON, LLC

Ticket No: 07836003

Delivery Address: CRANE

JOB#KV0006

09:54

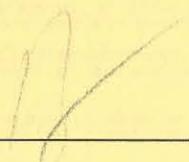
BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/24/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT19	4039955	YOUNG TRUCKING, INC.	Total 248.46	Loads	12
Zone	Job/Section/Contract No.	Delivered			

Quantity	Description	U/M
20.39	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 86,600 lb (Scale 6)  
P.T. TARE: 25,820 lb (Scale 5)  
NET: 40,780 lb

Signature 

Date   /  /

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control  
No. 2186882

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836001

Delivery Address: CRANE

JOB#KV0006

09:41

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/24/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT18	4039955	YOUNG TRUCKING, INC.	Total 228.07	Loads	11
Zone	Job/Section/Contract No.		Delivered		

N

Quantity	Description	U/M
19.74	6116838 4 STRUCTURAL BACKFILL	Ton

TRK#18  
VRHK  
CRANE BASE

OUT	GROSS:	69,460 lb	(Scale 6)
P.T.	TARE:	28,990 lb	(Scale 6)
	NET:	39,480 lb	

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186877

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: @7835996

Delivery Address: CRANE

JOB#KV0006

08:55

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	@00155	OK TO SHIP	3/24/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT11	4039955	YOUNG TRUCKING, INC.	Total 206.33	Loads	10
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
20.95	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 60,500 lb (Scale 6)  
P.T. TARE: 26,600 lb (Scale 5)  
NET: 41,900 lb

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186876

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4878 BLOOMFIELD

SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07835995

Delivery Address: CRANE

JOB#K0005

08:53

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/24/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT50	4039955	YOUNG TRUCKING, INC.	Total	187.38	Leads 9
Zone	Job/Section/Contract No.		Delivered		

N

Quantity	Description	U/M
20.69	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 67,080 lb (Scale 6)  
P.T. TARE: 25,700 lb (Scale 5)  
NET: 41,380 lb

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186875

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07835994

Delivery Address: CRANE

JOB#KY0006

08:51

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/24/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT45	4039955	YOUNG TRUCKING, INC.	Total 166.69	Loads	8
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
21.85	6116838 4 STRUCTURAL BACKFILL	Ton

*Blank*

OUT GROSS: 72,320 lb (Scale 6)  
P.T. TARE: 28,620 lb (Scale 6)  
NET: 43,700 lb

*PL*

*/ /*

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control  
No. 2186874

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC Ticket No: 07835993  
Delivery Address: CRANE

JOB#K00006 08:39

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/24/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT19	4039955	YOUNG TRUCKING, INC.	Total 144.84	Loads	7
Zone	Job/Section/Contract No.	Delivered			

Quantity	Description	U/M
21.07	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 67,960 lb (Scale 6)  
P.T. TARE: 25,820 lb (Scale 5)  
NET: 42,140 lb

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186871

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4S78 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: V/R HABILIS-KEMRON, LLC  
Delivery Address: CRANE

Ticket No: 07835990

JOB#RV0006

08:28

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Run Date
5919942	31625	000155	OK TO SHIP	3/24/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT18	4039955	YOUNG TRUCKING, INC.	Total	123.77	Leads 6
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
19.76	6116838 4 STRUCTURAL BACKFILL	Ton

TRK#18  
VHRK  
CRANE BASE

OUT GROSS: 68,500 lb (Scale 6)  
P.T. TARE: 28,980 lb (Scale 6)  
NET: 39,520 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186867

PLANT 4S78 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE

Ticket No: 07835986

JOB#KV0006

07:36

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/24/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT11	4039955	YOUNG TRUCKING, INC.	Total 104.01	Loads	5
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
20.85	6116838 4 STRUCTURAL BACKFILL	Ton

GUT GROSS: 68,300 lb (Scale 6)  
P.T. TARE: 26,600 lb (Scale 5)  
NET: 41,700 lb

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control  
No. 2186866

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: MR HABILIS-KEMRON, LLC

Ticket No: 07835985

Delivery Address: CRANE

JOB#KY0006

07:31

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/24/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT50	4039955	YOUNG TRUCKING, INC.	Total	83.16	Loads 4
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
20.40	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 66,660 lb (Scale 6)  
 P.T. TARE: 25,700 lb (Scale 5)  
 NET: 40,960 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186865

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KENRON, LLC  
Delivery Address: CRANE

Ticket No: 07835984

JOB#K90006

07129

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/24/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT45	4039955	YOUNG TRUCKING, INC.	Total	62.68	Loads 3
Zone	Job/Section/Contract No.	Delivered			

Quantity	Description	U/M
21.91	6116838 4 STRUCTURAL BACKFILL	Ton

*Chank.*

GUT GROSS: 72,440 lb (Scale 6)  
P.T. TARE: 28,620 lb (Scale 6)  
NET: 43,820 lb

*Rob*

*1 / 1*

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186864

PLANT 4970 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: MR HABILIS-KEMRON, LLC

Ticket No: 07835983

Delivery Address: CRANE

JOB#KVV0005

07:25

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/24/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT19	4039955	YOUNG TRUCKING, INC.	Total	40.77	Loads 2
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	N	U/M
21.33	6116838 4 STRUCTURAL BACKFILL		Ton

OUT GROSS: 68,480 lb (Scale 6)  
P.T. TARE: 25,820 lb (Scale 5)  
NET: 42,660 lb

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186863

PLANT 4970 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: MR HABILIS-HEMIRON, LLC  
Delivery Address: CRANE

Ticket No: 07835982

JOB#KV0006

07:13

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/24/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT18	4039955	YOUNG TRUCKING, INC.	Total	19.44	Loads 1
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M	
19.44	6116838 4 STRUCTURAL BACKFILL	TON	

TRK#18  
VRAK  
CRANE BASE

OUT	GROSS:	67,860 lb	(Scale 6)
P.T.	TARE:	28,980 lb	(Scale 6)
	NET:	38,880 lb	

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

Billing Control

No. 2187059

PLANT 4978 BLOOMFIELD

SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836178

Delivery Address: CRANE

JOB#K0006

14:23

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/26/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT56	4039955	YOUNG TRUCKING, INC.	Total	373.40	Loads 17
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
22.89	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 73,180 lb (Scale 6)

P.T. TARE: 27,400 lb (Scale 5)

NET: 45,780 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control  
No. 2187042

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836161

Delivery Address: CRANE

JOB#KV0006

11:39

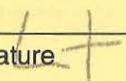
BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/26/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
yt55	4039955	YOUNG TRUCKING, INC.	Total	350.51	Loads 16
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
22.50	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 72,700 lb (Scale 6)  
P.T. TARE: 27,700 lb (Scale 6)  
NET: 45,000 lb

Signature 

Date     /     /

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control  
No. 2187040

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE

Ticket No: 07836159

JOB#KV0006

11:33

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/26/2014

Truck No.	Trucker No.	Trucker Name	Cumulative	Zone
YT54	4039955	YOUNG TRUCKING, INC.	Total 320.01	15
	Job/Section/Contract No.		Delivered	

N

Quantity	Description	U/M
22.92	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 73,000 lb (Scale 6)  
P.T. TARE: 27,160 lb (Scale 6)  
NET: 45,840 lb

*Ge. T. Dashed*

/ /

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2187035

PLANT 4878 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE

Ticket No: 07836154

JOB#KV0006

10:19

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/26/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
Y750	4039955	YOUNG TRUCKING, INC.	Total	305.09	Loads 14
Zone	Job/Section/Contract No.	Delivered			

		N			
Quantity	Description	U/M			
21.37	6116838 4 STRUCTURAL BACKFILL	Ton			

OUT GROSS: 68,440 lb (Scale 6)  
P.T. TARE: 25,700 lb (Scale 5)  
NET: 42,740 lb

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control  
No. 2187034

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC Ticket No: 07836153

Delivery Address: CRANE  
JOB#KY0006 10:17

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

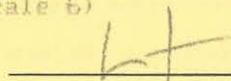
Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/26/2014

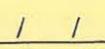
Truck No.	Trucker No.	Trucker Name	Cumulative		
yt55	4039955	YOUNG TRUCKING, INC.	Total 283.72	Loads	13
Zone	Job/Section/Contract No.	Delivered			
		N			

Quantity	Description	U/M
22.27	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 72,240 lb (Scale 6)  
P.T. TARE: 27,700 lb (Scale 6)  
NET: 44,540 lb

AGYT - 01/05

  
Signature

  
Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control  
No. 2187033

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836152

Delivery Address: CRANE

JOB#KV0006

10:13

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/26/2014

Truck No.	Trucker No.	Trucker Name	Cumulative	Zone
YT54	4039955	YOUNG TRUCKING, INC.	Total 261.45	12
		Job/Section/Contract No.	Delivered	

N  
U/M  
Ton

Quantity	Description
22.87	6116838 4 STRUCTURAL BACKFILL

LOADS: 1

OUT	GROSS:	72,900 lb	(Scale 6)
P.T.	TARE:	27,160 lb	(Scale 6)
	NET:	45,740 lb	

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control  
No. 2187030

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC Ticket No: 07836149  
Delivery Address: CRANE

JOB#KVV0006 10:01

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/26/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT56	4039955	YOUNG TRUCKING, INC.	Total 238.58	Loads	11
Zone	Job/Section/Contract No.		Delivered		

N  
U/M  
Ton

Quantity	Description	
22.91	6116838 4 STRUCTURAL BACKFILL	

GUT GROSS: 73,220 lb (Scale 6)  
P.T. TARE: 27,400 lb (Scale 5)  
NET: 45,820 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control  
No. 2187029

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC Ticket No: 07836148  
Delivery Address: CRANE  
JOB#KRV0006 09:58

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/26/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT49	4039955	YOUNG TRUCKING, INC.	Total 215.67	Loads	10
Zone	Job/Section/Contract No.	Delivered			

Quantity	Description	U/M
20.53	611683B 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 68,060 lb (Scale 6)  
P.T. TARE: 27,000 lb (Scale 6)  
NET: 41,060 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2187023

PLANT 4978 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KENRON, LLC

Ticket No: 07836142

Delivery Address: CRANE

JOB#KVV0006

08:54

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/26/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT50	4039955	YOUNG TRUCKING, INC.	Total 195.14	Loads	9
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
19.99	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 65,680 lb (Scale 6)  
P.T. TARE: 25,700 lb (Scale 5)  
NET: 39,980 lb

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2187022

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4S78 BLOOMFIELD

SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836141

Delivery Address: CRANE

JOB#KVO006

08:52

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Run date
5919942	31625	000155	OK TO SHIP	3/26/2014

Truck No.	Trucker No.	Trucker Name	Cumulative
yt55	4039955	YOUNG TRUCKING, INC.	Total 175.15

Loads 8

Zone	Job/Section/Contract No.	Delivered
		N

Quantity	Description	U/M
22.49	611683B 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 72,680 lb (Scale 6)  
P.T. TARE: 27,700 lb (Scale 6)  
NET: 44,980 lb

L+

Signature

Date

/ /

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control  
No. 2187021

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836140

Delivery Address: CRANE

JOB#KV0006

08:48

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/26/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT54	4039955	YOUNG TRUCKING, INC.	Total 152.66	Loads	7
Zone	Job/Section/Contract No.	Delivered			

Quantity	Description	U/M
22.85	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 72,860 lb (Scale 6)

P.T. TARE: 27,160 lb (Scale 6)

NET: 45,700 lb

*Chris Z. Deekind*  
Signature

1 / 1  
Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

Billing Control  
No. 2187020

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC Ticket No: 07836139  
Delivery Address: CRANE

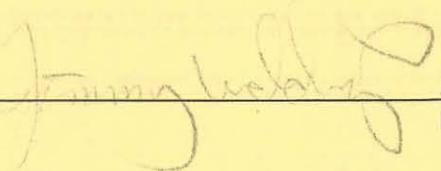
JOB#KV0006 08:40  
BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS  
Customer JobID Customer Order/Job No. Method of Payment Rndate  
7919942 31625 000155 OK TO SHIP 3/26/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT49	4039955	YOUNG TRUCKING, INC.	Total 129.81	Loads	6
Zone	Job/Section/Contract No.	Delivered			

Quantity	Description	U/M
20.23	6116838 4 STRUCTURAL BACKFILL	Ton

GUT GROSS: 67,460 lb (Scale 6)  
P.T. TARE: 27,000 lb (Scale 6)  
NET: 40,460 lb

AGYT - 01/05

Signature  / /  
Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2187017

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4978 BLOOMFIELD

SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE

Ticket No: 07836136

JOB#KV0006

08:11

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/26/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT56	4039955	YOUNG TRUCKING, INC.	Total	109.58	Loads 5
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
22.80	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 73,000 lb (Scale 6)  
P.T. TARE: 27,400 lb (Scale 5)  
NET: 45,600 lb

AGYT - 01/05

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2187015

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2887 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836134

Delivery Address: CRANE

JOB#KV0006

07:31

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/26/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT50	4039955	YOUNG TRUCKING, INC.	Total	86.78	Loads 4
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	N	U/M
21.37	6116838 4 STRUCTURAL BACKFILL		Ton

OUT GROSS: 58,440 lb (Scale 6)  
P.T. TARE: 25,700 lb (Scale 5)  
NET: 42,740 lb

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control  
No. 2187014

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: MR HABILIS-KEMRON, LLC

Ticket No: 07836133

Delivery Address: CRANE

JOB#K90006

07:29

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/26/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
455	4039955	YOUNG TRUCKING, INC.	Total	65.41	Leads 3
Zone	Job/Section/Contract No.	Delivered			

Quantity	Description	U/M
22.45	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 72,600 lb (Scale 6)  
P.T. TARE: 27,700 lb (Scale 6)  
NET: 44,900 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control  
No. 2187013

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE

Ticket No: 07836132

JOB#KV0006

07:27

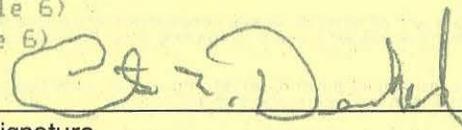
BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/26/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT54	4039955	YOUNG TRUCKING, INC.	Total	42.96	Loads 2
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
22.58	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 72,320 lb (Scale 6)  
P.T. TARE: 27,160 lb (Scale 6)  
NET: 45,160 lb

  
Signature

\_\_\_\_\_  
Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2187012

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VP HABILIS-KEMRON, LLC Ticket No: 07836131  
Delivery Address: CRANE  
JOB#KV0006 07:25

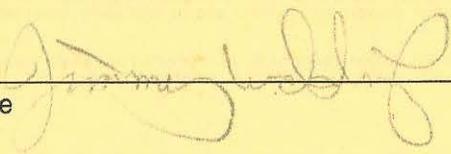
BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS  
Customer JobID Customer Order/Job No. Method of Payment Rndate  
5919942 31625 000155 OK TO SHIP 3/26/2014

Truck No. Trucker No. Trucker Name Cumulative  
YT49 4039955 YOUNG TRUCKING, INC. Total 20.38 Loads 1  
Zone Job/Section/Contract No. Delivered

Quantity Description U/M  
20.38 6118838 4 STRUCTURAL BACKFILL Ton

OUT GROSS: 67,760 lb (Scale 6)  
P.T. TARE: 27,000 lb (Scale 6)  
NET: 40,760 lb

AGYT - 01/05

Signature  / / Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

Billing Control

No. 2187123

PLANT 4578 BLOOMFIELD

SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836242

Delivery Address:

CRANE

JOB#K/0006

07:05

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rounddate
5919942	31625	000155	OK TO SHIP	3/28/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT20	4039955	YOUNG TRUCKING, INC.	Total	19.92	Loads 1
Zone	Job/Section/Contract No.	Delivered			

Quantity	Description	U/M
19.92	6116938 4 STRUCTURAL BACKFILL	Ton

TRK# 20  
VRHK  
CRANE BASE

OUT	GROSS:	67,220 lb	(Scale 6)
P.T.	TARE:	27,380 lb	(Scale 5)
	NET:	39,840 lb	

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

Billing Control

No. 2187124

PLANT 1578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836243

Delivery Address:

CRANE

JOB#KV0006

07:10

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer JobID Customer Order/Job No. Method of Payment Rndate  
5919942 31625 000155 OK TO SHIP 3/28/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT45	4039955	YOUNG TRUCKING, INC.	Total	42.00	Loads 2
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
22.16	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 72,940 lb (Scale 6)  
P.T. TARE: 28,620 lb (Scale 6)  
NET: 44,320 lb

AGYT - 01/05

*Rob*  
\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

Billing Control  
No. 2187125

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: WR HABILIS-KEMRON, LLC

Ticket No: 07836244

Delivery Address: CRANE  
JOB#K0006

07:12

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

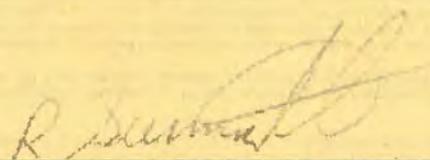
Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/28/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
Y133	4039955	YOUNG TRUCKING, INC.	Total	62.90	Loads 3
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
20.82	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 68,460 lb (Scale 6)  
P.T. TARE: 26,820 lb (Scale 6)  
NET: 41,640 lb

AGYT - 01/05

  
Signature

\_\_\_\_\_  
Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

Billing Control  
No. 2187126

PLANT 4S78 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836245

Delivery Address: CRANE  
JOB#000006

07:16

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

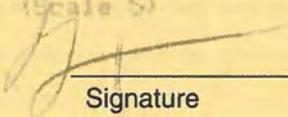
Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/28/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT19	4039955	YOUNG TRUCKING, INC.	Total	84.21	Loads 4
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
21.31	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 68,440 lb (Scale 6)  
P.T. TARE: 25,820 lb (Scale 5)  
NET: 42,620 lb

AGYT - 01/05

  
Signature

\_\_\_\_\_  
Date

# VCNA PRAIRIE

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Billing Control

No. 2187127

PLANT 4978 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836246

Delivery Address: CRANE

JOB#KV0006

07:18

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/28/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT11	4039955	YOUNG TRUCKING, INC.	Total	105.12	Loads 5
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
20.91	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 68,420 lb (Scale 6)  
 P.T. TARE: 26,600 lb (Scale 5)  
 NET: 41,820 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

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Billing Control

No. 2187129

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836248

Delivery Address: CRANE  
JOB#KV0006

07:38

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Run date
5919942	31625	000155	OK TO SHIP	3/28/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT50	4039955	YOUNG TRUCKING, INC.	Total	126.18	Loads 6
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
21.06	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 67,820 lb (Scale 6)  
P.T. TARE: 25,700 lb (Scale 5)  
NET: 42,120 lb

AGYT - 01/05

Signature

Date

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Billing Control

No. 2187131

PLANT 4578 BLOOMFIELD

SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836250

Delivery Address: CRANE

JOB#K0006

08:20

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/28/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT49	4039955	YOUNG TRUCKING, INC.	Total	146.53	Loads 7
Zone	Job/Section/Contract No.		Delivered		

N

Quantity	Description	U/M
20.35	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 67,700 lb (Scale 6)  
P.T. TARE: 27,000 lb (Scale 6)  
NET: 40,700 lb

AGYT - 01/05

Signature

Date

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Billing Control

No. 2187132

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836251

Delivery Address:

CRANE

JOB#KRV0006

08:23

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Run Date
5919942	31625	000155	OK TO SHIP	3/28/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT20	403955	YOUNG TRUCKING, INC.	Total	166.73	Loads 8
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
20.20	6116838 4 STRUCTURAL BACKFILL	Ton

TRK#20  
VRHK  
CRANE BASE

OUT GROSS: 67,780 lb (Scale 6)  
P.T. TARE: 27,380 lb (Scale 5)  
NET: 40,400 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

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Billing Control  
No. 2187134

PLANT 4S78 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836253

Delivery Address: CRANE  
JOB#KV0006

08:30

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31525	000155	OK TO SHIP	3/28/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YTS1	4039955	YOUNG TRUCKING, INC.	Total 189.00	Loads	9
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
22.27	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 71,960 lb (Scale 6)  
P.T. TARE: 27,420 lb (Scale 6)  
NET: 44,540 lb

AGYT - 01/05

Signature

Date

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Billing Control

No. 2187135

PLANT 4578 BLOOMFIELD

SOURCE 2687 0022199

Ship To: 9R HABILIS-KEMRON, LLC

Ticket No: 07836254

Delivery Address:

CRANE

JOB#KRV0006

06:36

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/28/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT45	4039955	YOUNG TRUCKING, INC.	Total	210.39	Loads 10
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
21.39	611683B 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 71,400 lb (Scale 6)  
P.T. TARE: 28,620 lb (Scale 6)  
NET: 42,780 lb

AGYT - 01/05

Signature

Date

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Billing Control  
No. 2187136

PLANT 4878 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836255

Delivery Address: CRANE

JOB#RV0006

08:38

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Run Date
5919942	31625	000155	OK TO SHIP	3/28/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT33	4039955	YOUNG TRUCKING, INC.	Total 231.19	Loads	11
Zone	Job/Section/Contract No.	Delivered			

Quantity	Description	U/M
20.80	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 68,420 lb (Scale 6)  
P.T. TARE: 26,820 lb (Scale 6)  
NET: 41,600 lb

AGYT - 01/05

Signature

Date

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Billing Control

No. 2187137

PLANT #578 BLDOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836256

Delivery Address:

CRANE

JOB#KV0006

08:40

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/28/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YF19	4039955	YOUNG TRUCKING, INC.	Total	252.46	Loads 12
Zone	Job/Section/Contract No.		Delivered		

N

Quantity	Description	U/M
21.27	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 68,360 lb (Scale 6)  
P.T. TARE: 25,820 lb (Scale 5)  
NET: 42,540 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

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Billing Control  
No. 2187138

PLANT 4S7B BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836257

Delivery Address: CRANE  
JOB#KV0006

08:44

BULK AGGREGATE HEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Run Date
5919942	31625	000155	OK TO SHIP	3/28/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT11	4039955	YOUNG TRUCKING, INC.	Total 272.75	Loads	13
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	N	U/M
20.29	6116838 4' STRUCTURAL BACKFILL		Ton

OUT GROSS: 67,180 lb (Scale 6)  
P.T. TARE: 26,600 lb (Scale 5)  
NET: 40,580 lb

AGYT - 01/05

Signature

Date

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Billing Control

No. 2187141

PLANT 4878 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836260

Delivery Address:

CRANE

JOB#KV0006

08:55

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/28/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT50	4039955	YOUNG TRUCKING, INC.	Total	293.16	Loads 14
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
20.41	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 66,520 lb (Scale 6)  
P.T. TARE: 25,700 lb (Scale 5)  
NET: 40,820 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

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Billing Control

No. 2187144

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836263

Delivery Address:

CRANE

JOB#KV0006

09:44

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/28/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT49	4039955	YOUNG TRUCKING, INC.	Total	313.36	Loads 15
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
20.20	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 67,400 lb (Scale 6)  
P.T. TARE: 27,000 lb (Scale 6)  
NET: 40,400 lb

AGYT - 01/05

Signature

Date

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Billing Control

No. 2187145

PLANT 4578 BLOOMFIELD

SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836264

Delivery Address: CRANE

JOB#VR40006

09:47

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/28/2014

Truck No.	Trucker No.	Trucker Name	Cumulative	
YT20	4039955	YOUNG TRUCKING, INC.	Total 333.85	Loads 16
Zone	Job/Section/Contract No.	Delivered		

Quantity	Description	U/M
20.49	6116838 4 STRUCTURAL BACKFILL	Ton

TRK# 20  
VRHK  
CRANE BASE

OUT GROSS: 68,360 lb (Scale 6)  
P.T. TARE: 27,380 lb (Scale 5)  
NET: 40,980 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

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Billing Control

No. 2187147

PLANT 4578 BLOOMFIELD

SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836266

Delivery Address: CRANE  
JOB#KV0006

10:05

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/28/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT33	4039955	YOUNG TRUCKING, INC.	Total	354.54	Loads 17
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
20.69	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 68,200 lb (Scale 6)  
P.T. TARE: 26,820 lb (Scale 6)  
NET: 41,380 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

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Billing Control

No. 2187148

PLANT 4578 BLOOMFIELD

SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836267

Delivery Address: CRANE

JOB#KV0006

10:07

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Run Date
5919942	31625	000155	OK TO SHIP	3/28/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT45	4039955	YOUNG TRUCKING, INC.	Total	375.95	Loads 18
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
21.41	6116838 4 STRUCTURAL BACKFILL	Ton

GUT GROSS: 71,440 lb (Scale 6)  
P.T. TARE: 28,620 lb (Scale 6)  
NET: 42,820 lb

AGYT - 01/05

Signature

Date

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Billing Control  
No. 2187149

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836268

Delivery Address:

CRANE

JOB#KV0006

10:08

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/28/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YF19	4039955	YOUNG TRUCKING, INC.	Total	396,46	Loads 19
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	N	U/M
20.51	6116838 4 STRUCTURAL BACKFILL		Ton

OUT GROSS: 66,840 lb (Scale 6)  
P.T. TARE: 25,820 lb (Scale 5)  
NET: 41,020 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

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Billing Control  
No. 2187150

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836269

Delivery Address:

CRANE

JOB#KV0005

10:10

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Run Date
5919942	31625	000155	OK TO SHIP	3/28/2014

Truck No.	Trucker No.	Trucker Name	Cumulative	Load	20
YT11	4039955	YOUNG TRUCKING, INC.	Total 417.15		
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
20.69	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 67,980 lb (Scale 5)  
P.T. TARE: 26,500 lb (Scale 5)  
NET: 41,380 lb

AGYT - 01/05

Signature

Date

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Billing Control

No. 2175153

PLANT 4578 BLOOMFIELD

SOURCE 2687 0022199

Ship To: VR HABILIS-HEMRON, LLC

Delivery Address: CRANE

JOB#H0006

Ticket No: 07836272

10:19

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/28/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YTS0	4039955	YOUNG TRUCKING, INC.	Total	437.60	Loads 21
Zone	Job/Section/Contract No.		Delivered		
			N		
Quantity	Description		U/M		
20.45	6116838 4 STRUCTURAL BACKFILL		Ton		

OUT GROSS: 66,600 lb (Scale 6)

P.T. TARE: 25,700 lb (Scale 5)

NET: 40,900 lb

AGYT - 01/05

Signature

Date

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Billing Control

No. 2175155

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: OR HABILIS-KEMRON, LLC

Delivery Address: CRANE

JOB#KVC006

Ticket No: 07836274

10:41

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Printdate
5919942	31625	000155	OK TO SHIP	3/28/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
VT51	4039955	YOUNG TRUCKING, INC.	Total	450.09	Loads 22
Zone	Job/Section/Contract No.		Delivered		
			N		
Quantity	Description		U/M		
22.49	6116838 4 STRUCTURAL BACKFILL		Ton		

QTY	GROSS:	72,400 lb	(Scale 6)
P.T.	TARE:	27,420 lb	(Scale 6)
	NET:	44,980 lb	

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

Billing Control  
No. 2175158

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: MR HABILIS-EMSON, LLC  
Delivery Address: CRANE  
JOB#KV0006

Ticket No: 07836277

11:08

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/28/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
VT20	4039935	YOUNG TRUCKING, INC.	Total	479.55	Loads 23
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
19.46	6116838 4 STRUCTURAL BACKFILL	Ton

TRK# 20  
VRHK  
CRANE BASE

OUT	GROSS:	66,300 lb	(Scale 6)
P.T.	TARE:	27,380 lb	(Scale 5)
	NET:	38,920 lb	

AGYT - 01/05

Signature

Date

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Votorantim Cement North America Inc.

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Billing Control

No. 2175159

PLANT 4578 BLOOMFIELD

SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Delivery Address: CRANE

JOB#KVV006

Ticket No: 07836278

11:10

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/28/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT49	4039955	YOUNG TRUCKING, INC.	Total	499.77	Loads 24
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
20.22	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 67,440 lb (Scale 6)  
P.T. TARE: 27,000 lb (Scale 6)  
NET: 40,440 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

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Billing Control

No. 2175160

PLANT 4978 BLOOMFIELD

SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836279

Delivery Address: CRANE

11:29

JOB#KVV006

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/28/2014

Truck No.	Trucker No.	Trucker Name	Cumulative	Zone
YT45	4039955	YOUNG TRUCKING, INC.	Total 521.52	20
			Delivered	
			N	
Quantity	Description	U/M		
21.75	6116838 4 STRUCTURAL BACKFILL	Ton		

OUT GROSS: 72,120 lb (Scale 6)  
P.T. TARE: 28,620 lb (Scale 6)  
NET: 43,500 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

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Billing Control

No. 2175161

PLANT 4S78 BLOOMFIELD

SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836280

Delivery Address: CRANE

JOB#KVV0006

11:31

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/28/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT19	4039955	YOUNG TRUCKING, INC.	Total	542.12	Loads 26
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
20.60	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 67,020 lb (Scale 6)  
P.T. TARE: 25,820 lb (Scale 5)  
NET: 41,200 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

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Billing Control  
No. 2175162

PLANT 4578 BLOOMFIELD

SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836281

Delivery Address: CRANE

JOB#K90005

11:38

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Run Date
5919942	31625	000155	OK TO SHIP	3/28/2014

Truck No.	Trucker No.	Trucker Name	Cumulative	Zone
YT33	4039955	YOUNG TRUCKING, INC.	Total 561.84	27
	Job/Section/Contract No.		Delivered	

N

Quantity	Description	U/M
19.72	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 66,260 lb (Scale 5)  
P.T. TARE: 26,820 lb (Scale 5)  
NET: 39,440 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

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Billing Control

No. 2175163

PLANT 4578 BLOOMFIELD

SOURCE 2587 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE  
JOB#K/V0006

Ticket No: 07836202

11:41

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/28/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT50	4039955	YOUNG TRUCKING, INC.	Total	582.67	Loads 28
Zone	Job/Section/Contract No.		Delivered		
			N		
Quantity	Description	U/M			
20.83	6116830 4 STRUCTURAL BACKFILL	Ton			

OUT GROSS: 67,360 lb (Scale 6)  
P.T. TARE: 25,700 lb (Scale 5)  
NET: 41,660 lb

AGYT - 01/05

Signature

Date

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Billing Control  
No. 2175164

PLANT 4978 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE  
JOB#KV0006

Ticket No: 07836283

11:44

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/28/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
VT11	4039955	YOUNG TRUCKING, INC.	Total	603.17	Loads 29
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
20.50	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 67,600 lb (Scale 6)  
P.T. TARE: 26,600 lb (Scale 5)  
NET: 41,000 lb

AGYT - 01/05

Signature

Date

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Billing Control

No. 2175166

PLANT 4578 BLOOMFIELD

SOURCE 2687 0022199

Ship To: VR HABILIS-HEMRON, LLC

Delivery Address: CRANE  
JOB#KV0006

Ticket No: 07836285

12:05

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/28/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT51	4039955	YOUNG TRUCKING, INC.	Total	625.71	Loads 30
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
32.54	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 72,500 lb (Scale 6)

P.T. TARE: 27,420 lb (Scale 6)

NET: 45,080 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

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Billing Control

No. 2175167

PLANT 4S78 BLOOMFIELD

SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836286

Delivery Address: CRANE

JOB#K00006

12:32

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/28/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
Y149	4039955	YOUNG TRUCKING, INC.	Total	646.14	Leads 31
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
20.43	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 67,860 lb (Scale 6)

P.T. TARE: 27,000 lb (Scale 6)

NET: 40,860 lb

AGYT - 01/05

Signature

Date

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Billing Control

No. 2175168

PLANT 4578 BLOOMFIELD

SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Delivery Address: CRANE

JOB#K0006

Ticket No: 07836287

12:34

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/28/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT20	4039955	YOUNG TRUCKING, INC.	Total	666.46	Leads 32
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
20.32	6116838 4 STRUCTURAL BACKFILL	Ton

TRK# 20  
VRHK  
CRANE BASE

OUT GROSS: 68,020 lb (Scale 6)  
P.T. TARE: 27,380 lb (Scale 5)  
NET: 40,640 lb

AGYT - 01/05

Signature

Date

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Billing Control

No. 2175171

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE  
JOB#KVO006

Ticket No: 07836296

12:57

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000135	OK TO SHIP	3/28/2014

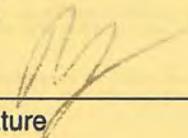
Truck No.	Trucker No.	Trucker Name	Cumulative		
YT19	4039955	YOUNG TRUCKING, INC.	Total	687.43	Loads 33
Zone	Job/Section/Contract No.		Delivered		

N

Quantity	Description	U/M
20.97	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 67,760 lb (Scale 6)  
P.T. TARE: 25,820 lb (Scale 5)  
NET: 41,940 lb

AGYT - 01/05

Signature 

Date / /

# VCNA PRAIRIE

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Billing Control

No. 2175172

PLANT 4878 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE  
JOB#KVE006

Ticket No: 07836291

13:05

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/28/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT33	4039955	YOUNG TRUCKING, INC.	Total	708.04	Loads 34
Zone	Job/Section/Contract No.		Delivered		

N

Quantity	Description	U/M
20.61	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 68,040 lb (Scale 6)  
P.T. TARE: 26,820 lb (Scale 6)  
NET: 41,220 lb

AGYT - 01/05

Signature

Date

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Billing Control

No. 2175173

PLANT 4578 BLOOMFIELD

SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Delivery Address: CRANE

JOB#KRV006

Ticket No: 07836292

13:05

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
S919942	31625	000155	OK TO SHIP	3/28/2014

Truck No.	Trucker No.	Trucker Name	Cumulative	Zone
YTS0	4039935	YOUNG TRUCKING, INC.	Total 728.66	35
		Job/Section/Contract No.	Delivered	

Quantity	Description	U/M
20.62	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 66,940 lb (Scale 6)  
P.T. TARE: 25,700 lb (Scale 5)  
NET: 41,240 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

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Billing Control  
No. 2175174

PLANT 4S7B BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE  
JOB#K0006

Ticket No: 07936293

13:08

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/28/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
VT11	4839955	YOUNG TRUCKING, INC.	Total	749.50	Loads 36
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
20.84	6116835 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 68,280 lb (Scale 6)  
P.T. TARE: 26,600 lb (Scale 5)  
NET: 41,680 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186963

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4878 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: 9R HABILIS-KENRON, LLC  
Delivery Address: CRANE

Ticket No: 07836002

JOB#K/0006

09700

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/25/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT49	4039955	YOUNG TRUCKING, INC.	Total	381.92	Loads 18
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
19.42	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 65,840 lb (Scale 6)  
P.T. TARE: 27,000 lb (Scale 6)  
NET: 38,840 lb

Signature

Date

# VCNA PRAIRIE

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Billing Control  
No. 2186962

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC Ticket No: 07B36081  
Delivery Address: CRANE  
JOB#KV0006 08:58

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/25/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT54	4039955	YOUNG TRUCKING, INC.	Total	362.50	Loads 17
Zone	Job/Section/Contract No.		Delivered		

			N		
Quantity	Description	U/M			
23.04	6116838 4 STRUCTURAL BACKFILL	Ton			

OUT GROSS: 73,240 lb (Scale 6)  
P.T. TARE: 27,160 lb (Scale 6)  
NET: 46,080 lb



Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186961

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2587 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE

Ticket No: 07836080

JOB#KV0006

08:56

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/25/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT11	4039955	YOUNG TRUCKING, INC.	Total	339.46	Loads 16
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
20.70	6118838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 68,000 lb (Scale 6)  
P.T. TARE: 26,600 lb (Scale 5)  
NET: 41,400 lb

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

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Billing Control  
No. 2186960

PLANT 4878 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE

Ticket No: 07836079

JOB#RV0006 08:55

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/25/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
yt55	4039955	YOUNG TRUCKING, INC.	Total 318.76	Leads	15
Zone	Job/Section/Contract No.	Delivered			

Quantity	Description	U/M
22.04	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 71,780 lb (Scale 6)  
P.T. TARE: 27,700 lb (Scale 6)  
NET: 44,080 lb

LT

AGYT - 01/05  
Signature \_\_\_\_\_ Date \_\_\_\_/\_\_\_\_/\_\_\_\_

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control  
No. 2186958

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4S78 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE

Ticket No: 07836077

JOB#RV0006

08:43

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/25/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT50	4039955	YOUNG TRUCKING, INC.	Total 296.72	Loads	14
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
21.32	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 68,340 lb (Scale 6)  
P.T. TARE: 25,700 lb (Scale 5)  
NET: 42,640 lb

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186957

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4S78 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836076

Delivery Address: CRANE

JOARKV0005

08:39

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/25/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT45	4039955	YOUNG TRUCKING, INC.	Total 275.40	Loads	13
Zone	Job/Section/Contract No.	Delivered			

Quantity	Description	U/M
21.69	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 72,000 lb (Scale 6)

P. T. TARE: 28,620 lb (Scale 6)

NET: 43,380 lb

AGYT - 01/05

Signature *Rob*

Date    /   /

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control  
No. 2186954

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE

Ticket No: 07936073

JO2WV0006

08:29

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/25/2014

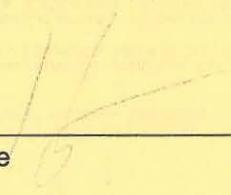
Truck No.	Trucker No.	Trucker Name	Cumulative		
YT19	4039955	YOUNG TRUCKING, INC.	Total	253.71	Loads 12
Zone	Job/Section/Contract No.		Delivered		

N

Quantity	Description	U/M
21.25	6116830 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 68,320 lb (Scale 6)  
P.T. TARE: 25,820 lb (Scale 5)  
NET: 42,500 lb

AGYT - 01/05

Signature 

Date / /

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186953

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE

Ticket No: 07836072

JOB#VRV006

08:27

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/25/2014

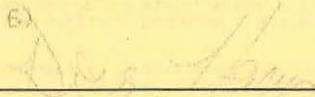
Truck No.	Trucker No.	Trucker Name	Cumulative		
YF18	4039955	YOUNG TRUCKING, INC.	Total 232.46	Loads	11
Zone	Job/Section/Contract No.		Delivered		

N

Quantity	Description	U/M
19.72	6116838 4 STRUCTURAL BACKFILL	Ton

TRK#18  
VRHK  
CRANE BASE

OUT GROSS: 69,420 lb (Scale 6)  
P.T. TARE: 28,980 lb (Scale 6)  
NET: 39,440 lb

  
Signature

     /      /       
Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control  
No. 2186950

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4S78 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE

Ticket No: 07836069

JOB#KV0006

07:43

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/25/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT22	4039955	YOUNG TRUCKING, INC.	Total 212.74	Loads	10
Zone	Job/Section/Contract No.	Delivered			

N

Quantity	Description	U/M
22.30	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 71,960 lb (Scale 6)  
P.T. TARE: 27,360 lb (Scale 6)  
NET: 44,600 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186949

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KENRON, LLC

Ticket No: 07836068

Delivery Address: CRANE

JOB#KV0006

07:37

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/25/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT33	4039955	YOUNG TRUCKING, INC.	Total 190.44	Loads	9
Zone	Job/Section/Contract No.	Delivered			

Quantity	Description	U/M
20.55	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 67,920 lb (Scale 6)

P.T. TARE: 26,820 lb (Scale 6)

NET: 41,100 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186948

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD

SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836067

Delivery Address: CRANE

TOPWRV0006

07:36

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/25/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT49	4039955	YOUNG TRUCKING, INC.	Total 169.89	Leads	8
Zone	Job/Section/Contract No.		Delivered		

N

Quantity	Description	U/M
20.15	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 67,320 lb (Scale 6)  
P.T. TARE: 27,000 lb (Scale 6)  
NET: 40,320 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186947

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE

Ticket No: 07836066

JOB#RY0006

07134

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/25/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT11	4039955	YOUNG TRUCKING, INC.	Total	149.73	Loads 7
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
20.51	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 67,620 lb (Scale 6)  
P.T. TARE: 26,600 lb (Scale 5)  
NET: 41,020 lb

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control  
No. 2186946

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4978 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE

Ticket No: 07836065

JOB#KV0006

07:32

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/25/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT54	4039955	YOUNG TRUCKING, INC.	Total 129.22	Loads	6
Zone	Job/Section/Contract No.	Delivered			

N

Quantity	Description	U/M
23.01	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 73,180 lb (Scale 6)  
P.T. TARE: 27,160 lb (Scale 6)  
NET: 46,020 lb

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186945

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD

SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836064

Delivery Address: CRANE

JOB#K90005

07:30

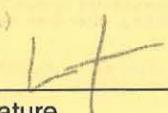
BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/25/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
yt55	4039955	YOUNG TRUCKING, INC.	Total 106.21	Loads	5
Zone	Job/Section/Contract No.	Delivered			

Quantity	Description	U/M
21.99	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 71,660 lb (Scale 6)  
P.T. TARE: 27,700 lb (Scale 6)  
NET: 43,960 lb

Signature 

Date    /   /

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186944

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4978 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE

Ticket No: 07836063

JOB#K0005

07:17

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/25/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT45	4039955	YOUNG TRUCKING, INC.	Total	84.23	Loads 4
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
22.24	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 73,100 lb (Scale 6)  
P.T. TARE: 28,620 lb (Scale 6)  
NET: 44,480 lb

*MS*

  /  /  

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186943

PLANT 4878 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE

Ticket No: 07B36062

JOB#VR0006

07:15

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rounddate
5919942	31625	000155	OK TO SHIP	3/25/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT50	4039955	YOUNG TRUCKING, INC.	Total	61.99	Loads 3
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
21.20	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 68,100 lb (Scale 6)  
P.T. TARE: 25,700 lb (Scale 5)  
NET: 42,400 lb

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control  
No. 2186942

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 457B BLOOMFIELD  
SOURCE 2687 @022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE

Ticket No: 07836061

JOB#VR0006

07:10

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	@00155	OK TO SHIP	3/25/2014

Truck No.	Trucker No.	Trucker Name	Cumulative	Zone
YT10	4039955	YOUNG TRUCKING, INC.	Total 40.79	Loads 2
		Job/Section/Contract No.	Delivered	

Quantity	Description	U/M
19.47	6116838 4 STRUCTURAL BACKFILL	Ton

TRK#18  
VRHK  
CRANE BASE

GUT GROSS: 67,920 lb (Scale 6)  
P.T. TARE: 28,980 lb (Scale 6)  
NET: 38,940 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186941

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4S7B BLOOMFIELD  
SOURCE 2687 0022199

Ship To: 9R HABILIS-KEMRON, LLC  
Delivery Address: CRANE

Ticket No: 07836060

JOB#KVV006

07:08

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Run Date
5919942	31625	000155	OK TO SHIP	3/25/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT19	4039955	YOUNG TRUCKING, INC.	Total	21.32	Loads 1
Zone	Job/Section/Contract No.	Delivered			

Quantity	Description	U/M
21.32	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 68,460 lb (Scale 6)  
P.T. TARE: 25,820 lb (Scale 5)  
NET: 42,640 lb

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186993

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4S70 BLOOMFIELD  
SOURCE 2627 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836112

Delivery Address: CRANE

JOB#KV0006

12:45

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/25/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT45	4039955	YOUNG TRUCKING, INC.	Total 684.50	Loads	32
Zone	Job/Section/Contract No.	Delivered			

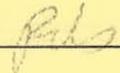
N

Quantity	Description	U/M
22.33	6116838 4 STRUCTURAL BACKFILL	Ton

GUT GROSS: 73,280 lb (Scale 6)

P.T. TARE: 28,620 lb (Scale 6)

NET: 44,660 lb

Signature 

Date   /  /

# VCNA PRAIRIE

Votorantim Cement North America Inc.

PRODUCTION & SUPPLY

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control  
No. 2186990

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4678 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC Ticket No: 07836109  
Delivery Address: CRANE

JOB#K90005 12:20

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer JobID Customer Order/Job No. Method of Payment Rndate  
5919942 31625 000155 OK TO SHIP 3/25/2014

Truck No. Trucker No. Trucker Name Cumulative  
YT18 4039955 YOUNG TRUCKING, INC. Total 662.17 Loads 31  
Zone Job/Section/Contract No. Delivered

Quantity Description U/M  
19.62 6116830 4 STRUCTURAL BACKFILL Ton

TRK#18  
VRHK  
CRANE BASE

GROSS: 68,220 lb (Scale 6)  
P.T. TARE: 28,980 lb (Scale 6)  
NET: 39,240 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186986

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE

Ticket No: 07836105

JOB#KV0086

11:48

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/25/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
yt55	4039955	YOUNG TRUCKING, INC.	Total 642.55	Loads	30
Zone	Job/Section/Contract No.	Delivered			

Quantity	Description	U/M
22.70	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 73,100 lb (Scale 6)  
P.T. TARE: 27,700 lb (Scale 6)  
NET: 45,400 lb

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control  
No. 2186985

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4978 BLOOMFIELD  
SOURCE 2687 Q022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE

Ticket No: 07836104

JOB#KV0006

11:46

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

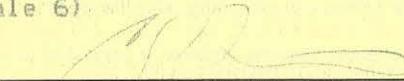
Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/25/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT22	4039955	YOUNG TRUCKING, INC.	Total	619.85	Loads 29
Zone	Job/Section/Contract No.	Delivered			

N

Quantity	Description	U/M
22.33	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 72,020 lb (Scale 6)  
P.T. TARE: 27,360 lb (Scale 6)  
NET: 44,660 lb

  
Signature

  /  /    
Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186984

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836103

Delivery Address: CRANE

JOB#KV0006

11:41

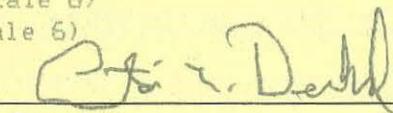
BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/25/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT54	4039955	YOUNG TRUCKING, INC.	Total 597.52	Loads	28
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	N	U/M
22.93	6116838 4 STRUCTURAL BACKFILL		Ton

OUT GROSS: 73,020 lb (Scale 6)  
P.T. TARE: 27,160 lb (Scale 6)  
NET: 45,860 lb



Signature

1 / 1  
Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186983

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: MR HABILIS-KEMRON, LLC

Ticket No: 07836102

Delivery Address: CRANE

JOB#K10006

11:27

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/25/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT45	4039955	YOUNG TRUCKING, INC.	Total 574.59	Loads	27
Zone	Job/Section/Contract No.	Delivered			

Quantity	Description	U/M
22.16	5116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 72,940 lb (Scale 6)  
P.T. TARE: 28,620 lb (Scale 6)  
NET: 44,320 lb

Signature

1 / 1  
Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186981

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2697 0022199

Ship To: VR HABILIS-KENRON, LLC

Ticket No: 07836100

Delivery Address: CRANE

JOB#RV0006

11:04

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/25/2014

Truck No.	Trucker No.	Trucker Name	Cumulative	Zone
YT18	4039955	YOUNG TRUCKING, INC.	Total 552.43	26
	Job/Section/Contract No.		Delivered	

Quantity	Description	U/M
18.85	6116838 4 STRUCTURAL BACKFILL	Ton

TRK#18  
VR HK  
CRANE BASE

OUT GROSS: 66,680 lb (Scale 6)  
 P.T. TARE: 28,980 lb (Scale 6)  
 NET: 37,700 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186976

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4S78 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE

Ticket No: 07836095

JOB#KV0006

10:27

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/25/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT22	4039955	YOUNG TRUCKING, INC.	Total	533.58	Loads 25
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
22.96	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 73,280 lb (Scale 6)  
P.T. TARE: 27,360 lb (Scale 6)  
NET: 45,920 lb

*Handwritten signature*

*Handwritten date*

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control  
No. 2186974

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836093

Delivery Address: CRANE

JOB#KV0006

10:20

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/25/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT54	4039955	YOUNG TRUCKING, INC.	Total	510.62	Loads 24
Zone	Job/Section/Contract No.		Delivered		

N

Quantity	Description	U/M
22.60	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 72,360 lb (Scale 6)  
P.T. TARE: 27,160 lb (Scale 6)  
NET: 45,200 lb

Signature

/ /

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186973

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4S78 BLOOMFIELD  
SOURCE 2687 0022199

Ticket No: 07836092

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE  
JOB#KRV0006

10:18

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/25/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
yt55	4039955	YOUNG TRUCKING, INC.	Total 488.02	Loads	23
Zone	Job/Section/Contract No.		Delivered		

N

Quantity	Description	U/M
22.63	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 72,960 lb (Scale 6)  
P.T. TARE: 27,700 lb (Scale 6)  
NET: 45,260 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186971

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: 9R HABILIS-KEMRON, LLC  
Delivery Address: CRANE

Ticket No: 07836090

JOB#K90006

10:04

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/25/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT45	4039955	YOUNG TRUCKING, INC.	Total 465.39	Loads	22
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	N
22.15	6116838 4 STRUCTURAL BACKFILL	U/M Ton

OUT GROSS: 72,940 lb (Scale 6)  
P.T. TARE: 28,620 lb (Scale 6)  
NET: 44,320 lb

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186968

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836087

Delivery Address: CRANE

JOB#KV0005

09:39

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/25/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT18	4039955	YOUNG TRUCKING, INC.	Total	443.23	Loads: 21
Zone	Job/Section/Contract No.	Delivered			

N

Quantity	Description	U/M
19.28	6116838 4 STRUCTURAL BACKFILL	Ton

TRK#18  
VRHK  
CRANE BASE

OUT GROSS: 67,540 lb (Scale 6)  
P.T. TARE: 28,980 lb (Scale 6)  
NET: 38,560 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186985

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE

Ticket No: 07836084

JOB#KV0006

09:04

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/25/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT22	4039955	YOUNG TRUCKING, INC.	Total	423.95	Loads 20
Zone	Job/Section/Contract No.		Delivered		

N

Quantity	Description	U/M
21.72	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 70,800 lb (Scale 6)  
P.T. TARE: 27,360 lb (Scale 6)  
NET: 43,440 lb

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186964

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836083

Delivery Address: CRANE

JOB#KV0006

09:02

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/25/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT33	4039955	YOUNG TRUCKING, INC.	Total	402.23	Loads 19
Zone	Job/Section/Contract No.		Delivered		

N

Quantity	Description	U/M
20.31	6116830 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 67,440 lb (Scale 6)  
P.T. TARE: 26,820 lb (Scale 6)  
NET: 40,620 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

Billing Control  
No. 2187010

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836129

Delivery Address: CRANE

JOB#K90006

14:58

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/25/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT18	4039955	YOUNG TRUCKING, INC.	Total 879.36	Loads	41
Zone	Job/Section/Contract No.	Delivered			

Quantity	Description	N	U/M
19.61	6116838 4 STRUCTURAL BACKFILL		Ton

TRAILER  
VR#K  
CRANE BASE

OUT GROSS: 68,200 lb (Scale 6)  
P.T. TARE: 28,980 lb (Scale 6)  
NET: 39,220 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

Billing Control

No. 2187008

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836127

Delivery Address: CRANE

JOB#KV0006

14:30

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

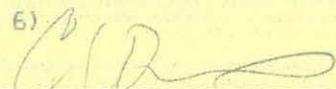
Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/25/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT22	4039955	YOUNG TRUCKING, INC.	Total 859.75	Loads	40
Zone	Job/Section/Contract No.	Delivered			

		N			
Quantity	Description	U/M			
22.82	6116838 4 STRUCTURAL BACKFILL	Ton			

OUT GROSS: 73,000 lb (Scale 6)  
P.T. TARE: 27,360 lb (Scale 6)  
NET: 45,640 lb

AGYT - 01/05

  
Signature

  /  /    
Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

Billing Control

No. 2187007

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE

Ticket No: 07836126

JOB#KV0006

14:27

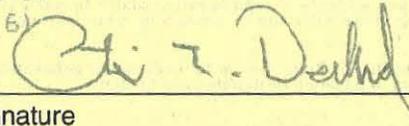
BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/25/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT54	4039955	YOUNG TRUCKING, INC.	Total	836.93	Loads 39
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
22.70	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 72,560 lb (Scale 6)  
P.T. TARE: 27,160 lb (Scale 6)  
NET: 45,400 lb



Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

Billing Control

No. 2187006

PLANT 4878 BLOOMFIELD

SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836125

Delivery Address: CRANE

JOB#KV0006

14:24

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/25/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
yt55	4039955	YOUNG TRUCKING, INC.	Total	814.23	Loads 38
Zone	Job/Section/Contract No.	Delivered			

		N			
Quantity	Description	U/M			
21.77	5116838 4 STRUCTURAL BACKFILL	Ton			

OUT GROSS: 71,240 lb (Scale 6)

P.T. TARE: 27,700 lb (Scale 6)

NET: 43,540 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

Billing Control

No. 2187003

PLANT 4978 BLOOMFIELD

SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836122

Delivery Address: CRANE

JOB#KVV0006

11:03

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
S919942	31625	000155	OK TO SHIP	3/25/2014

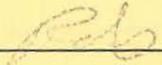
Truck No.	Trucker No.	Trucker Name	Cumulative		
YT45	4039955	YOUNG TRUCKING, INC.	Total	792.46	Loads 37
Zone	Job/Section/Contract No.		Delivered		

N

Quantity	Description	U/M
21.49	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 71,600 lb (Scale 6)  
P.T. TARE: 28,620 lb (Scale 6)  
NET: 42,980 lb

AGYT - 01/05

Signature 

Date   /  /

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2187000

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4S78 BLOOMFIELD  
SOURCE 2687 0022199

Ticket No: 07836119

Ship To: VR HABILIS-KEMRON, LLC

Delivery Address: CRANE

JOB#K90206

13:48

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/25/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT18	4039955	YOUNG TRUCKING, INC.	Total	770.97	Loads 36
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	N	U/M
19.17	6116838 4 STRUCTURAL BACKFILL		Ton

TRK#18  
VRHX  
CRANE BASE

OUT GROSS: 67,320 lb (Scale 6)  
P.T. TARE: 28,980 lb (Scale 6)  
NET: 38,340 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control  
No. 2186997

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4S7B BLOOMFIELD  
SOURCE 2687 Q022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE

Ticket No: 07836116

JOB#KV0006

13:13

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/25/2014

Truck No.	Trucker No.	Trucker Name	Cumulative Total	Loads
YT22	4039955	YOUNG TRUCKING, INC.	751.00	35

Zone	Job/Section/Contract No.	Delivered
		N

Quantity	Description	U/M
22.34	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 72,040 lb (Scale 6)  
P.T. TARE: 27,360 lb (Scale 6)  
NET: 44,680 lb

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186995

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836114

Delivery Address: CRANE

JOB#KV0006

13:07

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/25/2014

Truck No.	Trucker No.	Trucker Name	Cumulative Total	Loads
YT54	4039955	YOUNG TRUCKING, INC.	729.46	34

Zone	Job/Section/Contract No.	Delivered
		N

Quantity	Description	U/M
22.99	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 73,140 lb (Scale 6)  
P.T. TARE: 27,160 lb (Scale 6)  
NET: 45,980 lb

*Chris Decker*  
Signature

/ /  
Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

Billing Control

No. 2175605

PLANT 4578 BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836724

Delivery Address: Temporary Job

CRANE JOB K40006 PU 78

13:38

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer: JobID Customer Order/Job No. Method of Payment: Run Date

5919942 TEMP 000155 OK TO SHIP 4/11/2014

Truck No. Trucker No. Trucker Name

Cumulative

Y119 4039955 YOUNG TRUCKING, INC.

Total 21.18 Loads 1

Tone Job/Section/Contract No.

Delivered

Quantity Description U/M

21.18 4314497 ~~FILL DIRT~~ Ton

TOP SOIL  
WEST TRMP RANGE

OUT GROSS: 68,180 lb (Scale 6)

P.T. TARE: 25,820 lb (Scale 5)

NET: 42,360 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

Billing Control

No. 2175608

PLANT 1578 BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836727

Delivery Address: Temporary Job

CRANE JOB KV0005 - PU 78

13:53

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Printdate
5919742	TEMP	000155	OK TO SHIP	4/11/2014

Truck No.	Trucker No.	Trucker Name	Cumulative Total	Loads
VT56	4039355	YOUNG TRUCKING, INC.	43.05	2

Zone Job/Section/Contract No. Delivered

Quantity	Description	U/M
21.87	4314497 <del>FILL DIRT</del>	Ton

*TOP SOIL - WEST TRAP RANGE*

*Kemron  
Have DIRT*

OUT	GROSS:	71,140 lb	(Scale 6)
P.T.	FARE:	27,400 lb	(Scale 5)
	NET:	43,740 lb	

*4, 11, 2014*

AGYT - 01/05

Signature

*[Signature]* Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

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Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

Billing Control

No. 2175752

PLANT 4578 BLOOMFIELD  
SOURCE 2697

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836871

Delivery Address: NSA CRANE JOB#K0006

BLDG 3325 OLD RIFFLE RAGE UX0-7

14:36

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	4/16/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT49	4039955	YOUNG TRUCKING, INC.	Total	19.76	Loads 1
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
19.76	4314497 TOP SOIL	ton

FOUR HUNDRED 40  
FIFTEEN LTRIE

OH	GROSS:	66,520 lb	(Scale 6)
T.W.	TARE:	27,000 lb	(Scale 6)
	NET:	39,520 lb	

AGYT - 01/05

Signature

Date

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Billing Control  
No. 2175753

PLANT 457B BLOOMFIELD  
SOURCE 2607

Ship To: VR HABILIS-NEHRON, LLC  
Delivery Address: NSA CRANE JOB#KV0006

Ticket No: 07836872

BLDG 3325 OLD RIFFLE RAGE LUX-7 14:43

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Run Date
5919942	31625	000155	OK TO SHIP	4/16/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
VT18	4039955	YOUNG TRUCKING, INC.	Total	39.28	Loads 2
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
19.52	4314497 TOP SOIL	Ton

TRK#18  
KEMRON  
CRANE  
BASE

OUT GROSS: 68,020 lb (Scale 6)  
P.T. TARE: 28,980 lb (Scale 6)  
NET: 39,040 lb

AGYT - 01/05

Signature

Date

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Billing Control  
No. 2175756

PLANT 4578 BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836875

Delivery Address: NSA CRANE JOB#KV0006

BLDG 3325 OLD RIFFLE RAGE UX0-7

14:58

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

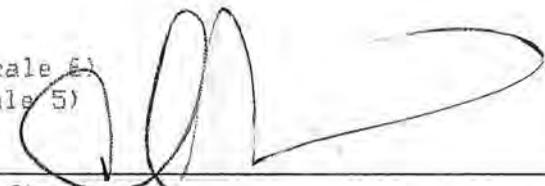
Customer JobID Customer Order/Job No. Method of Payment Rundate

5919942 31625 000155 OK TO SHIP 4/16/2014

Truck No.	Trucker No.	Trucker Name	Cumulative	Loads
YT11	4039955	YOUNG TRUCKING, INC.	Total 79.52	3
Zone	Job/Section/Contract No.		Delivered	

Quantity	Description	U/M
20.06	4314497 TOP SOIL	Ton

OUT GROSS: 66,720 lb (Scale 5)  
 P.T. TARE: 26,600 lb (Scale 5)  
 NET: 40,120 lb



Signature

Date

# VCNA PRAIRIE

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Billing Control  
No. 2175758

PLANT 4578 BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836877

Delivery Address: NSA CRANE JOB#KV0006

BLDG 3325 OLD RIFFLE RAGE UX0-7

15:01

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	4/16/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT34	4039955	YOUNG TRUCKING, INC.	Total	79.96	Loads 4
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	
20.62	4314497 TOP SOIL	U/M Ton

QWT	GROSS:	67,900 lb	(Scale 6)
P.T.	TARE:	28,660 lb	(Scale 5)
	NET:	41,240 lb	

AGYT - 01/05

  
 \_\_\_\_\_  
 Signature Date

# VCNA PRAIRIE

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Billing Control

No. 2175759

PLANT 4576 BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-KEARON, LLC

Ticket No: 07936878

Delivery Address: NS4 CRANE JOHNV8006

BLDG 3325 OLD PIFFLE ROBE WYO-7

15:07

BULI AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer JobID Customer Order/Job No.

Method of Payment - Rounddate

5919942 31625 000155

ON TO SHIP 4/16/2014

Truck No. 7156  
Trucker No. 4039953  
Trucker Name YOUNG TRUCKING, INC.

Cumulative Total 102.13  
Tons 5

Zone Job/Section/Contract No.

Delivered

N

Quantity Description  
22.17 4314497 TOP SOIL

U/M  
Ton

GROSS: 71,740 lb (Scale 6)

P.T. TARE: 27,403 lb (Scale 5)

NET: 44,340 lb

AGYT - 01/05

Signature

Date 4 / 1

# VCNA PRAIRIE

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Billing Control

No. 2175837

PLANT 4678 BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-MEMRON, LLC  
Delivery Address: HSA CRANE JOB#KV0006

Ticket No: 07836956

BLDG 3325 OLD RIFFLE RAGE U#0-7 12:14

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer JobID Customer Order/Job No. Method of Payment Rndate  
5919942 31625 000155 OK TO SHIP 4/17/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
Y156	4039955	YOUNG TRUCKING, INC.	Total	528.44	Loads 25
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/N
26.42	4314497 TOP SBIL	Ton

OUT GROSS: 68,240 lb (Scale 6)  
P.T. TARE: 27,400 lb (Scale 5)  
NET: 40,840 lb

AGYT - 01/05

Signature

Date

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Billing Control

No. **2175843**

PLANT 4378 BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: NSA CRANE JOB#KV0006

Ticket No: 07836962

BLOB 3325 OLD RIFFLE RAGE UX0-7 12:37

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS.

Customer	JobID	Customer Order/Job No.	Method of Payment	Run Date
5919942	31625	000155	OK TO SHIP	4/17/2014

Truck No.	Trucker No.	Trucker Name	Cumulative	Loads
YT18	4039955	YOUNG TRUCKING, INC.	Total 583.04	28

Zone Job/Section/Contract No. Delivered

Quantity	Description
19.42	4314497 TOP SOIL

U/M  
Ton

TR#18  
KEMRON  
CRANE BASE

GWT	GROSS:	87,820 lb	(Scale 6)
P.T.	TARE:	28,980 lb	(Scale 6)
	NET:	38,840 lb	

Signature

Date

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Billing Control  
No. 2175844

PLANT 4578 BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836963

Delivery Address: NSA CRANE JOB#KV0006

BLDG 3325 OLD RIFFLE RAGE UX0-7

12:39

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	4/17/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT50	4039955	YOUNG TRUCKING, INC.	Total	603.38	Loads 29
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
20.34	4314497 TOP SOIL	Ton

OUT GROSS: 66,380 lb (Scale 6)  
P.L. TARE: 25,700 lb (Scale 5)  
NET: 40,680 lb

AGYT - 01/05

Signature

Date

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Billing Control  
No. 2175846

PLANT 4578 BLOOMFIELD  
SOURCE 2687

Ship To: UP HABILIS-KEMRON, LLC

Ticket No: 07836965

Delivery Address: NSA CRANE JOB#K0006

BLDG 3325 OLD RIFFLE RAGE UT0-7

12:47

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer JobID Customer Order/Job No. Method of Payment Rounddate

5919942 31625 000155 BK TO SHIP 4/17/2014

Truck No. Trucker No. Trucker Name  
YT11 4039955 YOUNG TRUCKING, INC.

Cumulative  
Total 623.74 Loads 30

Zone Job/Section/Contract No.

Delivered

Quantity Description  
20.36 4314497 TDP SOIL

M  
U/M  
Ton

OUT GROSS: 67,320 lb (Scale 6)  
P.T. TARE: 26,600 lb (Scale 5)  
NET: 40,720 lb

AGYT - 01/05

Signature

Date

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Billing Control

No. 2175847

PLANT 4S7B BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836966

Delivery Address: NSA CRANE JOB#K90005

BLDG 3325 OLD RIFFLE RAGE UXB-7

12:49

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer: JobID Customer Order/Job No. Method of Payment Rounddate  
5919942 31625 000155 OK TO SHIP 4/17/2014

Truck No. Trucker No. Trucker Name Cumulative  
YT33 4039955 YOUNG TRUCKING, INC. Total 642.07 Loads 31  
Zone Job/Section/Contract No. Delivered

Quantity Description U/M  
18.33 4314497 TOP SOIL Ton

OUT GROSS: 63,720 lb (Scale 6)  
P.T. TARE: 27,060 lb (Scale 6)  
NET: 36,660 lb

AGYT - 01/05

Signature

Date

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Billing Control  
No. 2175848

PLANT 4578 BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836967

Delivery Address: NSA CRANE JOB#H0006

BLDB 3325 OLD RIFFLE HASE UX0-7

13:02

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Run Date
5919942	31625	000155	OK TO SHIP	9/17/2014

Truck No.	Trucker No.	Trucker Name	Cumulative	Zone
YT41	4039955	YOUNG TRUCKING, INC.	Total 660.91	32
	Job/Section/Contract No.		Delivered	

Quantity	Description	U/M
18.84	4314497 TOP SOIL	Ton

OUT GROSS: 64,120 lb (Scale 6)  
P.T. TARE: 26,440 lb (Scale 6)  
NET: 37,680 lb

AGYT - 01/05

Signature

Date

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Billing Control

No. 2175859

PLANT 4378 BLOOMFIELD  
SOURCE 2687

Ship To: UP HABILIS-KERRON, LLC  
Delivery Address: NSA CRANE, JOB#KVV0006

Ticket No: 07836978

BLDG 3325 OLD RIFLE RAGE UX0-7 13:58  
BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer JobID Customer Order/Job No. Method of Payment RunDate  
5919942 31625 000135 OK TO SHIP 4/17/2014

Truck No. 7756  
Trucker No. 4039955  
Trucker Name YOUNG TRUCKING, INC.  
Zone  
Job/Section/Contract No.  
Cumulative Total 683.19 Loads 33  
Delivered

Quantity 22.28  
Description 4314497 TOP SOIL  
U/M  
Ton

GROSS: 71,960 lb (Scale 6)  
TARE: 27,400 lb (Scale 5)  
NET: 44,560 lb

AGYT - 01/05

Signature

Date

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Billing Control

No. 2175861

PLANT 487B BLOOMFIELD  
SOURCE 2587

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836980

Delivery Address: NSA CRANE JOB#KVV0005

BLDG 3325 OLD RIFLE RAGE UX0-7

14:06

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	4/17/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT49	4039255	YOUNG TRUCKING, INC.	Total	702.98	Loads 34
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
19.79	4314497 TOP SOIL	Ton

CUT GROSS: 66,500 lb (Scale 6)  
N.T. TARE: 27,000 lb (Scale 6)  
NET: 39,500 lb

AGYT - 01/05

Signature

Date

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Billing Control  
No. 2175862

PLANT 457A BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07936981

Delivery Address: NSA CRANE JOB#KVD006

BLDG 3325 OLD RIFFLE RAGE UX0-7

14:11

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	4/17/2014

Truck No.	Trucker No.	Trucker Name
YI38	4039955	YOUNG TRUCKING, INC.

Zone	Job/Section/Contract No.

Cumulative	Total	Loads	35
Delivered	726.45		
N			

Quantity	Description	U/M
23.47	4314497 TOP SOIL	Ton

GUT	GROSS:	72,620 lb	(Scale 5)
P.L.	TARE:	25,680 lb	(Scale 5)
	NET:	46,940 lb	

AGYT - 01/05

  
Signature

\_\_\_\_\_  
Date

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Billing Control

No. 2175864

PLANT 4S7B BLOOMFIELD  
SOURCE 2587

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: NSA CRANE JOB#K90006

Ticket No: 07836983

BLDG 3325 OLD RIFFLE RAGE UX0-7 14:18

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Undate
5919942	31625	000135	OK TO SHIP	4/17/2014

Truck No.	Trucker No.	Trucker Name	Consulative	Total	Loads	36
YTS0	4039955	YOUNG TRUCKING, INC.	Delivered			
Zone	Job/Section/Contract No.		N			

Quantity	Description	U/M
20.35	4314497 TOP SOIL	Ton

OUT GROSS: 66,400 lb (Scale 6)  
P.T. TARE: 25,700 lb (Scale 5)  
NET: 40,700 lb

AGYT - 01/05

Signature

Date

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Billing Control

No. 2175865

PLANT 4578 BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836984

Delivery Address: NSA CRANE JOB#K/0005

BLDG 3325 OLD RIFLE RAGE UX0-7

14:23

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000135	OK TO SHIP	4/17/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YH11	4039955	YOUNG TRUCKING, INC.	Total	767.26	Loads 37
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
20.46	4314497 TOP SOIL	Ton

OUT	GROSS:	67,520 lb	(Scale 6)
P.T.	TARE:	26,600 lb	(Scale 5)
	NET:	40,920 lb	

AGYT - 01/05

Signature

Date

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Billing Control

No. 2175867

PLANT 4578 BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: NSA CRANE JOB#K00006

Ticket No: 07836986

BLDG 3325 OLD RIFFLE RAGE UX0-7 14:28

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer JobID Customer Order/Job No. Method of Payment Rndate  
5919942 31625 000155 OK TO SHIP 4/17/2014

Truck No. Trucker No. Trucker Name Cumulative  
VT18 4039955 YOUNG TRUCKING, INC. Total 787.01 Loads 38  
Zone Job/Section/Contract No. Delivered

Quantity Description U/M  
19.75 4314497 TOP SOIL Ton

TRK#18  
KEMRON  
CRANE BASE

OUT GROSS: 68,480 lb (Scale 6)  
P.L.T. TARE: 28,980 lb (Scale 6)  
NET: 39,500 lb

AGYT - 01/05

Signature

Date

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Billing Control

No. 2175868

PLANT 4578 BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-KEIRON, LLC  
Delivery Address: NSA CRANE JOB#K0006

Ticket No: 07836987

BLDB 3325 OLD RIFFLE RAGE LHO-7 14:31

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Run Date
5919942	31625	000155	OK TO SHIP	4/17/2014

Truck No.	Trucker No.	Trucker Name	Cumulative
YT33	4039955	YOUNG TRUCKING, INC.	Total 807.56 Loads 39
Zone	Job/Section/Contract No.		Delivered

Quantity	Description	U/M
20.55	4314497 TOP SOIL	Ton

OUT GROSS: 68,150 lb (Scale 6)  
P.T. TARE: 27,050 lb (Scale 6)  
NET: 41,100 lb

AGYT - 01/05

Signature

Date

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Billing Control

No. 2175869

PLANT 4578 BLOOMFIELD  
SOURCE 2607

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: NSA CRANE JOB#K/0005

Ticket No: 07838988

BLDG 3325 OLD RIFFLE RAGE UX0-7 14:34

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Run Date
5919942	31625	000155	OK TO SHIP	4/17/2014

Truck No.	Trucker No.	Trucker Name	Cumulative	
VT41	4039955	YOUNG TRUCKING, INC.	Total 827.46	Loads 40
Zone	Job/Section/Contract No.		Delivered	

Quantity	Description	U/M
19.90	4314497 TOP SOIL	Ton

GWT GROSS: 66,240 lb (Scale 6)  
P.T. TARE: 26,440 lb (Scale 6)  
NET: 39,800 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

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Billing Control

No. 2175881

PLANT 4578 BLOOMFIELD  
SOURCE 2687

Ship To: MR HABILIS-KEMRON, LLC

Ticket No: 07837900

Delivery Address: NSA CRANE JOB#K00006

BL08 3325 OLD RIFFLE RAGE LIX-7 15:39

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer JobID Customer Order/Job No. Method of Payment Rounddate

5919942 31625 000155 OK TO SHIP 4/17/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
VT56	4039955	YOUNG TRUCKING, INC.	Total	847.80	Loade 41
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
20.34	4314497 TOP SOIL	Ton

OUT GROSS: 68,000 lb (Scale 5)  
P.T. TARE: 27,400 lb (Scale 5)  
NET: 40,600 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

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Billing Control  
No. 2175882

PLANT 4578 BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-NEBRON, LLC

Ticket No: 07837001

Delivery Address: NSA CRANE JOB#F8006

BLDG 3325 OLD RIFFLE BAGE UX0-7 15:45

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Enddate
5919942	31625	000155	OK TO SHIP	4/17/2014

Truck No.	Trucker No.	Trucker Name	Cumulative	Delivered
Y138	4039955	YOUNG TRUCKING, INC.	Total 869.37	Loads 42
Zone	Job/Section/Contract No.			

Quantity	Description	U/M	Ton
21.57	4314497 TOP SOIL		

OUT GROSS: 68,820 lb (Scale 6)  
 P.T. TARE: 25,680 lb (Scale 5)  
 NET: 43,140 lb

AGYT - 01/05

Signature

Date

1 / 1

# VCNA PRAIRIE

Votorantim Cement North America Inc.

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Billing Control

No. 2175885

PLANT 4578 BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07837004

Delivery Address: NSA CRANE JOBBK0006

BLDG 3325 OLD RIFLE RAGE UX0-7

15:53

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Run Date
5919942	31625	000135	OK TO SHIP	4/17/2014

Truck No.	Trucker No.	Trucker Name
YTS0	4039955	YOUNG TRUCKING, INC.

Cumulative	Total	Loads
	889.84	43

Zone : Job/Section/Contract No.

Delivered

N

Quantity	Description
20.47	4314497 TOP SOIL

U/M

Ton

OUT GROSS: 86,640 lb (Scale G)

P.T. TAPE: 25,700 lb (Scale S)

NET: 40,940 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

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Billing Control  
No. 2175886

PLANT 4978 BLDUMFIELD  
SOURCE 2687

Ship To: VR HABILIS-HEMIRON, LLC

Ticket No: 07837005

Delivery Address: NSA CRANE JOB#110006

BLDG 3325 OLD RIFLE RAGE UX0-7 15:55

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer JobID Customer Order/Job No. Method of Payment Rounddate  
5919942 31625 000175 OK TO SHIP 4/17/2014

Truck No. Trucker No. Trucker Name  
YT49 4039955 YOUNG TRUCKING, INC.  
Zone Job/Section/Contract No.

Cumulative  
Total 910.12 Loads 44  
Delivered  
N

Quantity Description U/R  
20.28 4314497 TOP SOIL Ton

OUT GROSS: 67,560 lb (Scale 6)  
P.T. TARE: 27,000 lb (Scale 6)  
NET: 40,560 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

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Billing Control

No. 2175887

PLANT 4578 BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: NSA CRANE JOB#R00005

Ticket No: 07837006

BLDG 3325 OLD RIFFLE RAGE 11X0-7 15:00

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Run date
3919942	31625	000155	OK TO SHIP	4/17/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
Y111	4029955	YOUNG TRUCKING, INC.	Total	930.62	Loads 45
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
20.58	4314497 TOP SOIL	Ton

OUT GROSS: 67,800 lb (Scale 6)  
P.T. TARE: 25,600 lb (Scale 5)  
NET: 41,000 lb

AGYT - 01/05

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

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Billing Control  
No. 2175768

PLANT 4578 BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-KEMRON, LLC Ticket No: 07836007  
Delivery Address: NSA CRANE JOB#K98006  
BLDG 3325 OLD RIFFLE RAGE UX0-7 07:24  
BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS  
Customer JobID Customer Order/Job No. Method of Payment Rndate  
5919948 31625 000155 OK TO SHIP 4/17/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
VT56	4039955	YOUNG TRUCKING, INC.	Total	22.92	Loads 1
Zone	Job/Section/Contract No.		Delivered		
			N		
Quantity	Description		U/M		
22.92	4314497 TOP SOIL		Ton		

OUT GROSS: 73,240 lb (Scale 5)  
P.T. FARE: 27,400 lb (Scale 5)  
NET: 45,840 lb

AGYT - 01/05

Signature

Date

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Billing Control  
No. 2175769

PLANT 4978 BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: NSA CRANE JOB#W0205  
BLDG 3325 OLD RIFFLE RAGE UX0-7

Ticket No: 07836888

07:27

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Exdate
5919942	31625	000155	OK TO SHIP	4/17/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
VT38	4039955	YOUNG TRUCKING, INC.	Total	46.40	Loads 2
Zone	Job/Section/Contract No.		Delivered		

N

Quantity	Description	U/M
23.48	4314497 TOP SOIL	Ton

OUT GROSS: 72,640 lb (Scale 6)  
P.T. TARE: 25,680 lb (Scale 5)  
NET: 46,960 lb

AGYT - 01/05

  
Signature

                      
Date

# VCNA PRAIRIE

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Billing Control  
No. 2175770

PLANT 4578 BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836889

Delivery Address: NSA CRANE JOB#KV0006

BLDG 3325 OLD RIFFLE RAGE UX0-7

07:32

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rounddate
5919942	31625	000135	OK TO SHIP	4/17/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT49	4839255	YOUNG TRACKING, INC.	Total	66.72	Loads 3
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	N
20.32	4314497 TOP SOIL	U/M Ton

OUT GROSS: 67,640 lb (Scale 5)  
P.T. TARE: 27,000 lb (Scale 5)  
NET: 40,640 lb

AGYT - 01/05

Signature

Date

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Billing Control

No. 2175771

PLANT 4878 BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07835898

Delivery Address: NSA CRANE JOB#KVV0006

BLDG 3325 OLD RIFFLE AVE UX0-7 07:34

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer JobID Customer Order/Job No. Method of Payment Bndate  
5919942 31625 000155 OK TO SHIP 4/17/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT18	4839955	YOUNG TRUCKING, INC.	Total	85.63	Loads 4
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	N	U/M
18.91	4314497 TOP SOIL		Ton

QNT GROSS: 86,800 lb (Scale 6)  
P.T. TARE: 28,980 lb (Scale 6)  
NET: 57,820 lb

TRK#18  
KEMRON  
CRANE BASE

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

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Billing Control  
No. 2175772

PLANT 4878 BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-KEMRON, LLC Ticket No: 07836891  
Delivery Address: NSA CRANE JOB#K00006  
BLDG 3325 OLD RIFFLE RAGE LK0-7 07:47  
BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS  
Customer Job# 008155 Customer Order/Job No. Method of Payment Pundate  
5919942 31625 008155 OK TO SHIP 4/17/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
VT50	4039955	YOUNG TRUCKING, INC.	Total	106.20	Loads 5
Zone	Job/Section/Contract No.		Delivered		
			N		
Quantity	Description		U/N		
20.57	4316497 TOP SOIL		Ton		

OUT GROSS: 66,840 lb (Scale 6)  
P.T. TARE: 25,700 lb (Scale 5)  
NET: 41,140 lb

AGYT - 01/05

Signature

Date

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Billing Control  
No. 2175773

PLANT 4878 BLDONFIELD  
SOURCE 2687

Ship To: VR HABTLIS-KEHRON, LLC  
Delivery Address: NSA CRANE JOB#KVA006

Ticket No: 07836892

BLOB 3325 OLD RIFFLE RAGE UX0-7 07:53

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Bundate
5919942	31625	000155	OK TO SHIP	4/17/2014

Truck No.	Trucker No.	Trucker Name	Cumulative	Zone
VI33	4039935	YOUNG TRUCKING, INC.	Total 126.66	6
		Job/Section/Contract No.	Delivered	

Quantity	Description	U/M
20.46	1314497 TOP SOIL	Ton

OUT GROSS: 67,980 lb (Scale 6)  
IN TARE: 27,060 lb (Scale 6)  
NET: 40,920 lb

AGYT - 01/05

Signature

Date

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Billing Control  
No. 2175774

PLANT 4578 BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836893

Delivery Address: NSA CRANE JOB#K10005

BLDG 3325 OLD RIFFLE RAGE LIX0-7

07:55

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Run Date
5919942	31625	000155	OK TO SHIP	4/17/2014

Truck No.	Trucker No.	Trucker Name	Cumulative	
YT11	4039955	YOUNG TRUCKING, INC.	Total	147.54 Loads 7
Zone	Job/Section/Contract No.		Delivered	

Quantity	Description	U/M
20.88	4314497 TDP SOIL	Ton

GUT GROSS: 68,360 lb (Scale 6)  
P.V. TARE: 25,600 lb (Scale 5)  
NET: 41,760 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

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Billing Control  
No. 2175777

PLANT 4978 BLOOMFIELD  
SOURCE 2607

Ship To: VR HABILIS-KEMRON, LLC Ticket No: 07936896  
Delivery Address: NSA CRAVE JOB#KVC0005  
BLDG 3325 OLD RIFFLE RAGE UX0-7 08:30  
BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS  
Customer JobID Customer Order/Job No. Method of Payment Run Date  
5919942 31625 000135 OK TO SHIP 4/17/2014

Truck No. Trucker No. Trucker Name Cumulative  
VT41 4039955 YOUNG TRUCKING, INC. Total 168.25 Loads 8  
Zone Job/Section/Contract No. Delivered

Quantity Description U/M  
20.72 4314497 TOP SOIL Ton

OUT GROSS: 67,880 lb (Scale 6)  
P.T. TARE: 26,440 lb (Scale 6)  
NET: 41,440 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

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Billing Control  
No. 2175789

PLANT 4578 BLOOMFIELD  
SOURCE 2697

Ship To: VP HABILIS-KEMRON, LLC  
Delivery Address: NSA CRANE JOB#K0006  
BLDG 3325 OLD RIFFLE RAGE UX0-7

Ticket No: 87836908

09:03

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer JobID Customer Order/Job No. Method of Payment Rndate  
5919942 31625 000155 OK TO SHIP 4/17/2014

Track No. Tracker No. Trucker Name Cumulative  
YT56 4039955 YOUNG TRUCKING, INC. Total 190.70 Loads 9  
Zone Job/Section/Contract No. Delivered

Quantity Description U/M  
28.44 4314497 TOP SOIL Ton

GROSS: 72,280 lb (Scale 6)  
P.T. TARE: 27,400 lb (Scale 5)  
NET: 44,880 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

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Billing Control

No. 2175792

PLANT 4578 BLDGFIELD  
SOURCE 2687

Ship To: VP HABILIS-KEHRON, LLC

Ticket No: 07836911

Delivery Address: NSA CRANE JOB#K0006

BLDG 3325 OLD RIFFLE RAGE UX0-7

09:11

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Run Date
5919942	31625	000155	OK TO SHIP	4/17/2014

Truck No.	Trucker No.	Trucker Name	Cumulative	Zone	Job/Section/Contract No.	Delivered
138	4039955	YOUNG TRUCKING, INC.	Total 213.10			10
						N

Quantity	Description	U/M
22.40	4314497 TOP SOIL	Ton

OUT GROSS: 70,480 lb (Scale 6)  
P.T. TARE: 25,680 lb (Scale 5)  
NET: 44,800 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

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Billing Control

No. 2175795

PLANT 4878 BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-KEMRON, LLC Ticket No: 07836914  
Delivery Address: NSA CRANE JOB#K00006  
BLDG 3325 OLD RIFLE RAGE UX0-7 09:22  
BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS  
Customer JobID Customer Order/Job No. Method of Payment Rundate  
5919942 31625 000155 OK TO SHIP 4/17/2014

Truck No. Trucker No. Trucker Name Cumulative  
VT49 4039935 YOUNG TRUCKING, INC. Total 233.70 Loads 11  
Zone Job/Section/Contract No. Delivered

Quantity Description U/M  
20.60 4314497 TOP SOIL Ton

OUT GROSS: 68,200 lb (Scale 6)  
P.T. TARE: 27,000 lb (Scale 6)  
NET: 41,200 lb

AGYT - 01/05

Signature

Date

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Billing Control

No. 2175797

PLANT 4578 BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: NSA CRANE JOB#R0008

Ticket No: 07836916

BLDG 3325 OLD RIFFLE RAGE UX#-7 09:26

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer JobID Customer Order/Job No. Method of Payment Rndate  
5919942 31625 000135 OK TO SHIP 4/17/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
VT33	4039955	YOUNG TRUCKING, INC.	Total 253.01	Loads	12
Zone	Job/Section/Contract No.	Delivered			

Quantity	Description	H	U/M
19.31	4314497 TOP SOIL		Ton

OUT GROSS: 65,680 lb (Scale 5)  
P.T. TARE: 27,060 lb (Scale 5)  
NET: 38,620 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

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Billing Control  
No. 2175798

PLANT 4578 BLOOMFIELD  
SOURCE 2687

Ship To: VR HABTLIS-KEMRON, LLC

Ticket No: 07836917

Delivery Address: NSA CRANE JOB#KV0006

BLDG 3325 OLD RIFLE RAGE UX0-7

09:32

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Run Date
5919942	31625	000155	OK TO SHIP	4/17/2014

Truck No.	Trucker No.	Trucker Name	Cumulative	Delivered
VF18	4039955	YOUNG TRUCKING, INC.	Total 271.30	Loads 13
Zone	Job/Section/Contract No.			

Quantity	Description	U/M
18.29	4314497 TOP SOIL	Ton

TRY#18  
KEMRON  
CRANE BASE

OUT	GROSS:	65,560 lb	(Scale 6)
P.T.	TARE:	28,980 lb	(Scale 6)
	NET:	36,580 lb	

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

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Billing Control

No. 2175799

PLANT 4578 BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836918

Delivery Address: NSA CRANE JOB#KV0005

BLDG 3325 OLD RIFFLE RAGE U10-7

09:34

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	4/17/2014

Truck No.	Trucker No.	Trucker Name	Cumulative	Zone
VT11	4039955	YOUNG TRUCKING, INC.	Total 291.05	14
	Job/Section/Contract No.		Delivered	
			N	

Quantity	Description	U/M
19.76	4314497 TOP SOIL	Ton

OUT	GROSS:	56,120 lb	(Scale 6)
P.T.	TARE:	26,600 lb	(Scale 5)
	NET:	39,520 lb	

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

Billing Control  
No. 2175802

PLANT 4978 BLOOMFIELD  
SOURCE 2587

Ship To: VR HABILIS-HEMION, LLC

Ticket No: 07836921

Delivery Address: NSA CRANE JOB#K70006

BLDG 3325 OLD RIFFLE RAGE UX0-7

09:41

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Run date
5919942	31625	000155	OK TO SHIP	4/17/2014

Track No.	Trucker No.	Trucker Name	Cumulative		
YT50	4039955	YOUNG TRUCKING, INC.	Total	311.84	Loads 15
Zone		Job/Section/Contract No.	Delivered		

Quantity	Description
20.78	4314497 TOP SOIL

OUT	GROSS:	67,260 lb	(Scale 6)
P.T.	TARE:	25,700 lb	(Scale 5)
	NET:	41,560 lb	

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

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Billing Control  
No. 2175806

PLANT 4578 BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-KEMRON, LLC Ticket No: 07836925

Delivery Address: MSA CRANE JOB#KV0006  
BLDG 3325 OLD RIFFLE RANGE UX0-7 10:05

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer JobID Customer Order/Job No. Method of Payment Rndate  
5919942 31625 000155 OK TO SHIP 4/17/2014

Truck No. Trucker No. Trucker Name Cumulative  
YT41 4039955 YOUNG TRUCKING, INC. Total 332.02 Loads 16  
Tone Job/Section/Contract No. Delivered

Quantity Description U/M  
20.18 4314497 TOP SOIL Ton

GROSS: 56,800 lb (Scale 6)  
TARE: 26,440 lb (Scale 6)  
NET: 40,360 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

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Billing Control  
No. 2175818

PLANT 4578 BLDOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836937

Delivery Address: NSA CRANE JOB#KV0005

BLDG 3325 OLD RIFFLE RABE UX0-7

10:42

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Run Date
5919942	31625	000155	OK TO SHIP	4/17/2014

Truck No.	Trucker No.	Trucker Name	Cumulative	Zone
VT56	4039955	YOUNG TRUCKING, INC.	Total 354.41	17
			Delivered	

Quantity	Description	U/M
22.39	4314497 TOP SOIL	Ton

OUT GROSS: 72,180 lb (Scale 6)  
P.T. TARE: 27,400 lb (Scale 5)  
NET: 44,780 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

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Billing Control

No. 2175819

PLANT 4578 BLOOMFIELD  
SOURCE 25A7

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: NSA CRANE JDBBKV0005

Ticket No: 07836938

BLOG 3325 OLD RIFFLE ROAD UX0-7 10:44

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer: JobID 5919942 JobID 31625 Customer Order/Job No. 000155 Method of Payment: OK TO SHIP Rundate: 4/17/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT38	4039995	YOUNG TRUCKING, INC.	Total	378.21	Loads 18
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
23.80	4314497 TOP SOIL	Ton

GWT GROSS: 73,280 lb (Scale 6)  
P.T. TARE: 25,680 lb (Scale 5)  
NET: 47,600 lb

AGYT - 01/05

  
Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

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Billing Control

No. 2175821

PLANT 4578 BLOOMFIELD  
SOURCE 2697

Ship To: VR HABILIS-MEMRON, LLC

Ticket No: 07836940

Delivery Address: NSA CRANE JOB#K000E

9LD6 3325 OLD RIFFLE RAGE UX0-7

10:48

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Run Date
5919942	31625	000155	OK TO SHIP	4/17/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
VT49	4039955	YOUNG TRUCKING, INC.	Total	398.90	Loads 19
Zone	Job/Section/Contract No.	Delivered			

Quantity	Description	U/M
28.69	4314497 TOP SOIL	Ton

OUT GROSS: 68,380 lb (Scale 6)  
P.T. TARE: 27,000 lb (Scale 6)  
NET: 41,380 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

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Billing Control  
No. 2175822

PLANT 4578 BLOOMFIELD  
SOURCE 2687

Ship to: VR HABILIS-KEMRON, LLC

Ticket No: 07836941

Delivery Address: NSA CRANE JOB#KV0006

BLDG 3325 OLD RIFFLE RAGE UX0-7

10:53

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	ON TO SHIP	4/17/2014

Truck No.	Trucker No.	Trucker Name	Cumulative	Zone
YT10	4039955	YOUNG TRUCKING, INC.	Total 417.65	20
		Job/Section/Contract No.	Delivered	

Quantity	Description	U/N
18.75	4314497 TOP SOIL	Ton

TRK#18  
KEMRON  
CRANE BASE

OUT GROSS: 66,480 lb (Scale 6)  
P.T. TARE: 28,980 lb (Scale 6)  
NET: 37,500 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

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Billing Control

No. 2175824

PLANT 4978 BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: NSA CRANE JOB#K00006

Ticket No: 07836943

BLDG 3325 OLD RIFFLE RAGE UX0-7 11:01  
BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Printdate
5919942	31625	000135	OK TO SHIP	4/17/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT33	4039955	YOUNG TRUCKING, INC.	Total 430.33	Loads	21
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
20.68	4314497 TOP SOIL	Ton

OUT GROSS: 60,420 lb (Scale 6)  
P.T. TARE: 27,060 lb (Scale 6)  
NET: 41,360 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

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Billing Control

No. 2175825

PLANT 4578 BLOOMFIELD  
SOURCE 2687

Ship To: MR HABILIS-KEMRON, LLC

Ticket No: 07836944

Delivery Address: NSA CRANE JOB#KVO006

BLDG 3325 OLD RIFFLE RAGE UX0-7

11:05

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	4/17/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT11	4039955	YOUNG TRUCKING, INC.	Total	458.73	Loads 22
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
20.40	4314497 TOP SOIL	Ton

OUT GROSS: 67,400 lb (Scale 6)  
P.T. TARE: 26,600 lb (Scale 5)  
NET: 40,800 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

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Billing Control

No. 2175827

PLANT 4378 OLDOMFIELD  
SOURCE 2607

Ship To: VA HABILIS-KEMRON, LLC  
Delivery Address: NSA CRANE JOB#K0006

Ticket No: 07836946

BLDG 3325 OLD RIFLE RAGE U#0-7  
BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

11:09

Customer JobID Customer Order/Job No. Method of Payment Rndate  
S919942 31625 000135 OK TO SHIP 4/17/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
VT50	4039355	YOUNG TRUCKING, INC.	Total	479.34	Loads 23
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
20.61	4314497 TOP SOIL	Ton

OUT GROSS: 66,920 lb (Scale 6)  
P.T. TARE: 25,700 lb (Scale 5)  
NET: 41,220 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

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Billing Control  
No. 2175832

PLANT 4878 BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-KEHRON, LLC  
Delivery Address: NSA CRANE JOB#KX0005

Ticket No: 07836951

BLDG 3325 OLD RIFFLE RAGE UX0-7 11:32

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer JobID Customer Order/Job No. Method of Payment Rounddate  
S919942 31625 000155 OK TO SHIP 4/17/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
VT41	4039955	YOUNG TRUCKING, INC.	Total	500.02	Loads 24
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
20.68	4314497 TOP SOIL	Ton

OUT GROSS: 67,800 lb (Scale 5)  
P.T. TARE: 26,440 lb (Scale 5)  
NET: 41,360 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

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Billing Control

No. 2175840

PLANT 457B BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-KENRON, LLC  
Delivery Address: NSA CRANE JOB#KVB0006

Ticket No: 07836959

BLDG 3325 OLD RIFFLE RAGE UX0-7 12:24

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Pundate
5919942	31625	000135	OK TO SHIP	4/17/2014

Truck No.	Trucker No.	Trucker Name	Cumulative	Zone	Job/Section/Contract No.	Delivered
VT49	4039955	YOUNG TRUCKING, INC.	Total 539.88			N

Quantity	Description	U/M
19.44	4314497 TOP SOIL	Ton

OUT GROSS: 65,880 lb (Scale 6)  
P.T. TARE: 27,000 lb (Scale 6)  
NET: 38,880 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

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Billing Control

No. 2175341

PLANT 4578 BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-REMCON, LLC  
Delivery Address: NSH CRANE JOB#KVD006

Ticket No: 07836968

BLOB 3325 OLD RIFFLE RAGE UX0-7 12:26

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

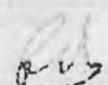
Customer JobID Customer Order/Job No. Method of Payment Run Date  
9919942 31625 000155 OK TO SHIP 4/17/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
VT38	4039955	YOUNG TRUCKING, INC.	Total 563.62	Loads	27
Zone	Job/Section/Contract No.	Delivered			

Quantity	Description	U/M
23.74	4314497 TOP SOIL	Ton

OUT GROSS: 73,160 lb (Scale 6)  
P.T. TARE: 25,680 lb (Scale 5)  
NET: 47,480 lb

AGYT - 01/05

  
Signature

\_\_\_\_\_  
Date

# VCNA PRAIRIE

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RIFLE #1  
400 YD FARMING POINT

Billing Control

No. 2175901

PLANT 4578 BLOOMFIELD  
SOURCE 2687

Ship To: MR HABILIS-KEMRON, LLC  
Delivery Address: NSA CRANE JOB#K18006

Ticket No: 07837020

BLDG 3325 OLD RIFLE RANGE UX0-7 08:50

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 28 POUNDS

Customer JobID Customer Order/Job No. Method of Payment Rndate  
5919942 31625 000155 OK TO SHIP 4/18/2014

Truck No. Trucker No. Trucker Name Cumulative  
VT96 4839955 YOUNG TRUCKING, INC. Total 204.77 Loads 10  
Zone Job/Section/Contract No. Delivered

Quantity Description U/M  
22.65 4314497 TOP SOIL Ton

OUT GROSS: 72,720 lb (Scale 6)  
P.T. TARE: 27,400 lb (Scale 5)  
NET: 45,320 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

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RIFLE # 2  
400 YD FRENCH POINT

Billing Control  
No. 2175902

PLANT 4578 BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-KEMRON, LLC Ticket No: 07837021

Delivery Address: NSA CRANE JOB#K190005  
BLDG 3325 OLD RIFLE RANGE UX0-7 08:52

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer JobID Customer Order/Job No. Method of Payment Rnddate  
5919942 31625 000155 OK TO SHIP 4/18/2014

Truck No. Trucker No. Trucker Name Cumulative  
YT45 4039555 YOUNG TRUCKING, INC. Total 225.57 Loads 11  
Tare Job/Section/Contract No. Delivered

Quantity Description U/M Ton  
20.80 431497 TOP SOIL Ton

OUT GROSS: 70,220 lb (Scale 6)  
P.T. TARE: 28,620 lb (Scale 6)  
NET: 41,600 lb

AGYT - 01/05

*Rich*  
\_\_\_\_\_  
Signature Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

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RIFLE #3  
40040 RANG POINT

Billing Control

No. 2175904

PLANT 457B BLOOMFIELD  
SOURCE 2587

Ship To: VR HABILIS-KERRON, LLC  
Delivery Address: NSA CRANE JOB#K0005

Ticket No: 07837023

BLDG 3325 OLD RIFLE RANGE UX0-7 08:55

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

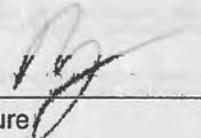
Customer: 5919942 JobID: 31625 Customer Order/Job No.: 000195 Method of Payment: OK TO SHIP Rndate: 4/18/2014

Truck No. VT19 Trucker No. 4039955 Trucker Name: YOUNG TRUCKING, INC. Cumulative Total 244.01 Loads 12  
Zone Job/Section/Contract No. Delivered N

Quantity 18.44 Description 4314497 TOP SOIL U/M Ton

OUT GROSS: 62,700 lb (Scale 6)  
P.T. TARE: 25,820 lb (Scale 5)  
NET: 36,880 lb

AGYT - 01/05

Signature 

Date 11/1

# VCNA PRAIRIE

Votorantim Cement North America Inc.

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RIFLE #4  
400 YD FROM POINT

Billing Control

No. 2175905

PLANT 4378 BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: NSA CRANE JOBBK/0005

Ticket No: 07037024

BLDG 3325 OLD RIFLE RANGE UX0-7 09:03

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer JobID Customer Order/Job No. Method of Payment Rnddate  
5919942 31625 000155 OK TO SHIP 4/18/2014

Truck No. Trucker No. Trucker Name Cumulative  
YT11 4039955 YOUNG TRUCKING, INC. Total 264.73 Loads 13  
Zone Job/Section/Contract No. Delivered

Quantity Description U/M  
20.72 431497 TOP SOIL Ton

OUT GROSS: 68,040 lb (Scale 5)  
P.T. TARE: 26,600 lb (Scale 5)  
NET: 41,440 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

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RIFLE #5  
400 YD FIRING POINT

Billing Control

No. 2175906

PLANT 4578 BLOOMFIELD  
SOURCE 2087

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07837025

Delivery Address: MSA CRANE JOB#KVO006

BLDG 3325 OLD RIFLE RANGE UXB-7

09:07

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rounddate
5919942	31625	000155	OK TO SHIP	4/18/2014

Truck No.	Trucker No.	Trucker Name	Cumulative	Zone	Job/Section/Contract No.	Delivered
VI49	4039955	YOUNG TRUCKING, INC.	Total 284.43			14

Quantity	Description	U/M
19.78	4314497 TOP SOIL	Ton

GUT	GROSS:	66,400 lb	(Scale 6)
T.T.	TARE:	27,000 lb	(Scale 6)
	NET:	39,400 lb	

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

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RIFLE # 6  
400 YD FERING POINT

Billing Control

No. 2175907

PLANT 457B BLOOMFIELD  
SOURCE 2687

Ship To: 9R HABILIS-KEMRON, LLC  
Delivery Address: NSA CRANE JOB#K00006

Ticket No: 07837026

BLDG 3325 OLD RIFLE RANGE U#6-7 09:12

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer JobID Customer Order/Job No. Method of Payment Rounddate  
9919942 31625 000155 OK TO SHIP 4/18/2014

Truck No. Trucker No. Trucker Name Cumulative  
Y133 4039255 YOUNG TRUCKING, INC. Total 304.72 Loads 15  
Zone Job/Section/Contract No. Delivered

Quantity Description U/M  
20.25 4314497 TOP SOIL Ton

OUT GROSS: 67,640 lb (Scale 6)  
P.T. TARE: 27,060 lb (Scale 6)  
NET: 40,580 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

RIFLE #7  
400 YD SPRING POINT

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

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Billing Control

No. 2175009

PLANT 4378 BLOOMFIELD  
SOURCE 2687

Ship To: OR HABILIS-KEMRON, LLC  
Delivery Address: NSA CRANE JOB#K0006  
BLDG 3325 OLD RIFLE RANGE LXD-7

Ticket No: 07837028

09:20

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer JobID Customer Order/Job No. Method of Payment Rndate  
5919942 31625 000155 OR TO SHIP 4/18/2014

Truck No. Trailer No. Trucker Name Cumulative  
V150 4039955 YOUNG TRUCKING, INC. Total 326.03 Loads 18  
Zone Job/Section/Contract No. Delivered

Quantity Description U/M  
21.31 4316497 TOP SOIL Ton

OUT GROSS: 68,320 lb (Scale 6)  
P.T. TARE: 25,700 lb (Scale 5)  
NET: 42,620 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

RIFLE # 8  
400 YD FIRING POINT

Billing Control

No. 2175913

PLANT 4978 BLOOMFIELD  
SOURCE 2587

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: NSA CRANE JOB#K00006

Ticket No: 07837032

BLDG 3325 OLD RIFLE RANGE UX0-7 09:50

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer JobID Customer Order/Job No. Method of Payment Rndate  
5919942 31625 000155 OK TO SHIP 4/10/2014

Truck No. Trucker No. Trucker Name Cumulative  
V718 4039955 YOUNG TRUCKING, INC. Total 345.04 Loads 17  
Zone Job/Section/Contract No. Delivered

Quantity Description N U/W  
19.01 4314497 TOP SOIL Tan

TRK#18  
KEMRON  
CRANE BASE

OUT GROSS: 67,000 lb (Scale B)  
P.T. TARE: 28,980 lb (Scale B)  
NET: 38,020 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

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RIFLE # 9  
400 YRD FIRING POINT

Billing Control

No. 2175919

PLANT 457B BLOOMFIELD  
SOURCE 2607

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: NSA CRANE JOB#N10006

Ticket No: 07837038

BLDG 3325 OLD RIFLE RANGE UX0-7 10:44  
BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer JobID Customer Order/Job No. Method of Payment Rundate  
5919942 31625 000155 OK TO SHIP 4/18/2014

Truck No. Trucker No. Trucker Name Cumulative  
V119 4039935 YOUNG TRUCKING, INC. Total 383.37 Loads 19  
Zone Job/Section/Contract No. Delivered

Quantity Description U/M  
17.92 4314497 TOP SOIL Ton

OUT GROSS: 61,860 lb (Scale 6)  
P.T. TARE: 25,920 lb (Scale 5)  
NET: 35,840 lb

AGYT - 01/05

Signature

\_\_\_\_\_  
Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

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RIFLE # 10  
400 YD FIRTING POINT

Billing Control

No. 2175920

PLANT 457B BLOOMFIELD  
SOURCE 2587

Ship To: VA HABILIS-KEMRON, LLC  
Delivery Address: NSA CRANE JOB#K0000E

Ticket No: 07837039

BLDG 3325 OLD RIFLE RANGE UX0-7 10:46

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer JobID Customer Order/Job No. Method of Payment Roundate  
5919942 31625 000155 OK TO SHIP 4/18/2014

Track No. Trucker No. Trucker Name Cumulative  
VI45 4039255 YONGS TRUCKING, INC. Total 405.77 Loads 20  
Zone Job/Section/Contract No. Delivered

Quantity Description U/M  
22.00 4314497 TOP SOIL Ton

OUT GROSS: 72,620 lb (Scale 6)  
P.T. TARE: 28,620 lb (Scale 6)  
NET: 44,000 lb

AGYT - 01/05

  
Signature

/ /  
Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

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RIFLE # 11  
40040 FARGO POINT  
Billing Control  
No. 2175918

PLANT 4578 BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-KEARON, LLC

Ticket No: 07837837

Delivery Address: NSA CRANE JOB#KVM006

BLDG 3325 OLD RIFLE RANGE UX0-7

10:39

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rounddate
5919942	31625	000155	OK TO SHIP	4/18/2014

Truck No.	Trucker No.	Trucker Name	Cumulative	
Y158	4039955	YOUNG TRUCKING, INC.	Total	365.85 Loads 18
Zone	Job/Section/Contract No.		Delivered	

Quantity	Description	U/M
20.81	4314497 TOP SOIL	Ton

OUT	GROSS:	69,020 lb	(Scale 6)
P.T.	TARE:	27,400 lb	(Scale 5)
	NET:	41,620 lb	

AGYT - 01/05

Signature

Date

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Votorantim Cement North America Inc.

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PLANT 4878 BLOOMFIELD  
SOURCE 2687

RIFLE #12  
400 YD FIRING POINT  
Billing Control  
No. 2175922

Ship To: MR HABILIS-KEMRON, LLC

Ticket No: 07837041

Delivery Address: NSA CRANE JOB#K00066

BLDG 3325 OLD RIFLE RANGE UR0-7 10151

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Run Date
5919942	31625	000155	OK TO SHIP	4/18/2014

Truck No.	Trucker No.	Trucker Name	Cumulative	Delivered
YT11	4039955	YOUNG TRUCKING, INC.	Total 426.35	Loads 21
Zone	Job/Section/Contract No.			

Quantity	Description	U/M
20.59	4314497 TOP SOIL	Ton

GWT            GROSS:    67,780 lb    (Scale 6)  
 P.T.            TARE:     25,600 lb    (Scale 5)  
                   NET:      41,180 lb

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

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RIFLE # 13  
400 YD FIRING POINT

Billing Control  
No. 2175926

PLANT 4578 BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-HEMION, LLC

Ticket No: 07837045

Delivery Address: NSA CRANE JOB#K00006

BLDG 3325 OLD RIFLE RANGE UX0-7 11:01

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	4/18/2014

Truck No.	Trucker No.	Trucker Name	Cumulative	Delivered
VIA9	4039955	YOUNG TRUCKING, INC.	Total 446.54	Loads 22
Zone	Job/Section/Contract No.			

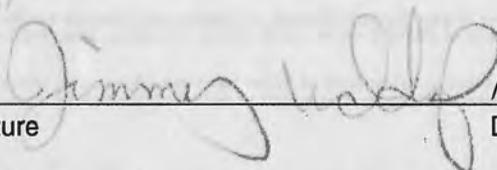
Quantity	Description	U/M
20.18	4314417 TOP SOIL	Ton

OUT GROSS: 67,360 lb (Scale 6)  
 P.T. TARE: 27,000 lb (Scale 6)  
 NET: 40,360 lb

AGYT - 01/05

Signature

Date



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Votorantim Cement North America Inc.

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RIFLE # 14  
400 YD FERRING POINT

Billing Control

No. 2175928

PLANT 4578 BLOOMFIELD  
SOURCE 2587

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: NSA CRANE JOB#K/0006

Ticket Nos: 07837047

BLDG 3325 OLD RIFLE RANGE UX0-7 11:05

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer JobID Customer Order/Job No. Method of Payment Fundate  
5919942 31625 000155 OK TO SHIP 4/18/2014

Truck No. Trucker No. Trucker Name Cumulative  
VT33 4039955 YOUNG TRUCKING, INC. Total 467.25 Loads 23  
Zone Job/Section/Contract No. Delivered

Quantity Description U/R  
20.71 4314497 TOP SOIL Ton

OUT GROSS: 68,480 lb (Scale 6)  
P.T. TARE: 27,050 lb (Scale 6)  
NET: 41,420 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

RIFLE #15  
400 YD FIRING POINT

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

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Billing Control

No. 2175929

PLANT 4578 BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-MERION, LLC  
Delivery Address: NSA CRANE JOB#KRV0006

Ticket No: 07837048

BLDG 3325 OLD RIFLE RANGE BX0-7 11:08

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer JobID Customer Order/Job No. Method of Payment Bnddate  
9919942 31625 000155 OK TO SHIP 4/18/2014

Truck No. Trucker No. Trucker Name Cumulative  
V150 4039955 YOUNG TRUCKING, INC. Total 489.31 Loads 24  
Zone Job/Section/Contract No. Delivered  
N

Quantity Description U/M  
21.06 4314497 TOP SOIL Ton

OUT GROSS: 67,820 lb (Scale 6)  
P.T. TARE: 25,700 lb (Scale 5)  
NET: 42,120 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

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RIFLE # 16  
400 YD FIRING POINT

Billing Control

No. 2175991

PLANT 4578 BLOOMFIELD  
SOURCE 2587

Ship To: MR HABILIS-KEMRON, LLC

Ticket No: 07837110

Delivery Address: NSA CRANE JOB#K00006

BLDG 3325 OLD RIFLE RANGE UX0-7

15:31

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer JobID Customer Order/Job No. Method of Payment Rnddate

5919942 31625 000155 OK TO SHIP 6/18/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
VT33	4039955	YOUNG TRUCKING, INC.	Total 948.59	Loads	47
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
17.98	4314497 TOP SOIL	Ton

GUT GROSS: 63,020 lb (Scale 6)

P.T. TARE: 27,060 lb (Scale 6)

NET: 35,960 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

PILE # 17  
400 YD FIRING POINT

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Billing Control

No. 2175993

PLANT 1578 BLOOMFIELD  
SOURCE 2587

Ship To: VR HABILIS-KEMRON, LLC Ticket No: 07837112

Delivery Address: NSA CRANE JOB#K/0006  
BLDG 3325 OLD RIFLE RANGE UX0-7 15142

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer JobID Customer Order/Job No. Method of Payment Fundate  
5919942 31625 000155 OK TO SHIP 4/18/2014

Truck No. Trucker No. Trucker Name Cumulative  
YTS0 4039955 YOUNG TRUCKING, INC. Total 966.90 Loads 48  
Zone Job/Section/Contract No. Delivered

Quantity Description U/M  
18.31 4314497 TOP SOIL Ton

OUT GROSS: 62,320 lb (Scale 6)  
P.T. TARE: 25,700 lb (Scale 5)  
NET: 36,620 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

EAST TRAP #1  
"A"

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Billing Control  
No. 2175930

PLANT 457B BLOOMFIELD  
SOURCE 2687

Ship To: UR HABILIS-KEMRON, LLC

Ticket No: 07837049

Delivery Address: NSA CRANE JOB#KVO006

BLDG 3325 OLD RIFLE RANGE UX0-7

11:11

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Bundate
5919942	31625	000155	OR TO SHIP	4/18/2014

Truck No.	Trucker No.	Trucker Name	Cumulative	Zone	Job/Section/Contract No.	Delivered
YT18	4039255	YOUNG TRUCKING, INC.	Total 507.25			Loads 25

Quantity	Description	U/M
10.94	4314497 TDP SOIL	Ton

TRK#18  
KEMRON  
CRANE BASE

OUT	GROSS:	66,860 lb	(Scale 6)
P.T.	TARE:	28,980 lb	(Scale 6)
	NET:	37,880 lb	

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

EAST TRAP "A" #2

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

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Billing Control

No. 2175944

PLANT 4S78 BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-KENKON, LLC

Ticket No: 07837063

Delivery Address: NSA CRANE JOB#V0806

BLDG 3325 OLD RIFLE RANGE 1100-7

12:02

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Run Date
5919942	31625	000155	OK TO SHIP	4/18/2014

Truck No.	Trucker No.	Trucker Name	Cumulative	Load#	26
Y119	4039955	YOUNG TRUCKING, INC.	Total 528.01		
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
20.76	4314497 TOP SOIL	Ton

OUT	GROSS:	67,340 lb	(Scale 6)
P.L.T.	TARE:	25,820 lb	(Scale 5)
	NET:	41,520 lb	

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

FAST TRAD "A" # 3

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Billing Control

No. 2175948

PLANT 4578 BLOOMFIELD  
SOURCE 2587

Ship To: VR HABILIS-HEMRON, LLC Ticket No: 07837067  
 Delivery Address: NSA CRANE JOB#(V9005)  
 BLDG 3325 OLD RIFLE RANGE UX0-7 12:12  
 BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS  
 Customer: JobID Customer Order/Job No. Method of Payment Rndate  
 5919942 31625 000155 OK TO SHIP 4/18/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
VI45	4039955	YOUNG TRUCKING, INC.	Total	549.52	Loads 27
Tone	Job/Section/Contract No.		Delivered		
			N		
Quantity	Description	U/M			
21.51	4314497 TOP SOIL	Ton			

OUT GROSS: 71,640 lb (Scale 6)  
 P.T. TARE: 28,620 lb (Scale 6)  
 NET: 43,020 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

EAST TRAP "A" # 4

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

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Billing Control

No. 2175949

PLANT 4578 BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: NSA CRANE JOB#H00006

Ticket No: 07837068

BLDG 3325 OLD RIFLE RANGE UX0-7 12:19

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer: JobID: Customer Order/Job No. Method of Payment: Rndate:  
5919942 31625 000155 OK TO SHIP 4/18/2014

Truck No. Trucker No. Trucker Name Cumulative  
Y111 4039955 YOUNG TRUCKING, INC. Total 568.18 Leads 28  
Zone Job/Section/Contract No. Delivered

Quantity Description U/M  
18.66 4314497 TOP SOIL Ton

OUT GROSS: 63,920 lb (Scale 6)  
P.T. TARE: 26,600 lb (Scale 5)  
NET: 37,320 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

EAST TRAP "A" #5

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

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Billing Control

No. 2175952

PLANT 457B BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07837071

Delivery Address: NSA CRANE JOB#K40005

BLDA 3325 OLD RIFLE RANGE UXA-7

12:30

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Run Date
5919942	31625	090455	OK TO SHIP	4/18/2014

Truck No.	Trucker No.	Trucker Name	Cumulative	Zone
Y133	4039955	YOUNG TRUCKING, INC.	Total 638.94	31
	Job/Section/Contract No.		Delivered	

Quantity	Description	U/M
20.10	4314497 TOP SOIL	Ton

OUT GROSS: 67,250 lb (Scale 6)  
 P.T. TARE: 27,050 lb (Scale 6)  
 NET: 40,200 lb

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

EAST TRAD "A" #6

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

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Billing Control  
No. 2175954

PLANT 457B BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-KEARON, LLC  
Delivery Address: NSA CRANE JOB#V00006

Ticket No: 07837073

BLDG 3325 OLD RIFLE RANGE UX0-7 12:35

PAK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer JobID Customer Order/Job No. Method of Payment Rndate  
5919942 31625 000135 OK TO SHIP 4/18/2014

Truck No. Tracker No. Tracker Name Cumulative  
YT50 4039955 YOUNG TRUCKING, INC. Total 650.61 Loads 32  
Zone Job/Section/Contract No. Delivered

Quantity Description U/M  
19.67 4314497 TOP SOIL Ton

DLT GROSS: 65,040 lb (Scale 6)  
P.T. TARE: 25,700 lb (Scale 5)  
NET: 39,340 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

EAST YRNO "A" #7

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

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Billing Control

No. 2175955

PLANT 4578 BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-HEMROW, LLC  
Delivery Address: NSA CRANE JOB#18/0006

Ticket No: 07837074

BLDG 3325 OLD RIFLE RANGE UX0-7 12:43

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer JobID Customer Order/Job No. Method of Payment Rndate  
5919942 31625 000195 OK TO SHIP 4/18/2014

Truck No. Trucker No. Trucker Name Cumulative  
VT18 4039955 YOUNG TRUCKING, INC. Total 670.34 Loads 33  
Zone Job/Section/Contract No. Delivered

Quantity Description U/M  
19.73 4314497 TOP SOIL Ton

TRK#18  
KEMPOW  
CRANE BASE

OHY GROSS: 68,440 lb (Scale 6)  
P.T. TARE: 28,980 lb (Scale 6)  
NET: 39,460 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

EAST TRAP "A" # 8

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Billing Control

No. 2175960

PLANT 4978 ALDORFIELD  
SOURCE 2587

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07937079

Delivery Address: NSA CRANE JOB#K090005

BLDG 3325 OLD RIFLE RANGE UX8-7

13132

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer: JobID: Customer Order/Job No. Method of Payment: Rndate:  
5919942 31625 000155 OK TO SHIP 4/18/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
VT45	4039555	YOUNG TRUCKING, INC.	Total	691.22	Loads 34
Zone	Job/Section/Contract No.		Delivered		
			4		
Quantity	Description	U/M			
20.88	4314497 TOP SOIL	Ton			

OUT GROSS: 70,390 lb (Scale 6)  
 P.T. TARE: 20,620 lb (Scale 6)  
 NET: 49,770 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

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EAST RAMP "A" # 9

Billing Control

No. 2175865

PLANT 4578 BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07837084

Delivery Address: NSA CRANE JOB#K90006

BLDG 3325 OLD RIFLE RANGE UX0-7

13.47

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS.

Customer	JobID	Customer Order/Job No.	Method of Payment	Run Date
5919942	31625	000155	OR TO SHIP	4/18/2014

Truck No.	Trucker No.	Trucker Name	Cumulative
Y156	4039355	YOUNG TRUCKING, INC.	Total 712.75 Loads 35

Zone	Job/Section/Contract No.	Delivered
		N

Quantity	Description	U/M
21.53	4314497 TOP SOIL	Ton

OUT GROSS: 70,460 lb (Scale 6)

P.T. TARE: 27,400 lb (Scale 5)

NET: 43,060 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

EAST TRAP "A" #10

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

Billing Control

No. 2175967

PLANT 4578 BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-HEMRON, LLC

Ticket No: 07837086

Delivery Address: NSR CRANE JOB#HV0006

BLOB 3325 OLD RIFLE RANGE UX0-7

13:56

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Run Date
5919942	31625	000155	CK TO SHIP	4/18/2014

Truck No.	Trucker No.	Trucker Name	Cumulative	Zone
Y119	4039955	YOUNG TRUCKING, INC.	Total 753.16	37
	Job/Section/Contract No.		Delivered	
			H	

Quantity	Description	U/M
20.16	4314497 TOP SOIL	Ton

OUT	GROSS:	66,140 lb	(Scale 6)
P.T.	TARE:	25,820 lb	(Scale 3)
	NET:	40,320 lb	

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

EAST TRAP "A" # 11

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

Billing Control  
No. 2175970

PLANT 4878 BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILTS-KEMRON, LLC Ticket No: 07A37089

Delivery Address: HSA CRANE JOBBK00006  
BLDG 3325 OLD RIFLE RANGE UX0-7 14:06

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer JobID Customer Order/Job No. Method of Payment Bndate  
5919942 31625 000155 OK TO SHIP 4/18/2014

Truck No. Trucker No. Trucker Name Cumulative  
V733 4839555 YOUNG TRUCKING, INC. Total 792.46 Loads 39  
Zone Job/Section/Contract No. Delivered

Quantity Description U/M  
18.70 4314497 TOP SOIL Ton

QTY GROSS: 64,460 lb (Scale 6)  
P.T. TARE: 27,060 lb (Scale 6)  
NET: 37,400 lb

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

EAST TRAP "A" # 12

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

Billing Control  
No. 2175977

PLANT 4578 BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-KEMRON, LLC Ticket No: 07837096

Delivery Address: NSA CRANE JOB#KV0006  
BLOB 3325 OLD RIFLE RANGE UXB-7 14:22

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer JobID Customer Order/Job No. Method of Payment Roundate  
5919942 31625 000155 OK TO SHIP 4/18/2014

Truck No. Trucker No. Trucker Name Cumulative  
VT18 4039855 YOUNG TRUCKING, INC. Total 832.69 Loads 41  
Zone Job/Section/Contract No. Delivered

Quantity Description U/M  
19.60 4314497 TOP SOIL Ton

TRK#18  
KEMRON  
CRANE BASE

OUT GROSS: 68,180 lb (Scale 6)  
P.T. TARE: 28,980 lb (Scale 6)  
NET: 39,200 lb

AGYT - 01/05

Signature \_\_\_\_\_ Date 1/1

# VCNA PRAIRIE

Votorantim Cement North America Inc.

EAST TRAD "B" #1

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

Billing Control  
No. 2175950

PLANT 4878 BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-KEMRON, LLC Ticket No: 07837069

Delivery Address: NSA CRANE JOB#KYG006  
BLDG 3325 OLD RIFLE RANGE UO-7 12:20

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer JobID Customer Order/Job No. Method of Payment Rounddate  
5919942 31625 000155 OK TO SHIP 4/18/2014

Truck No. Trucker No. Trucker Name Cumulative  
VT56 4039955 YOUNG TRUCKING, INC. Total 590.53 Loads 29  
Zone Job/Section/Contract No. Delivered

Quantity Description U/M  
22.35 4314497 TOP SOIL Ton

OUT GROSS: 72,100 lb (Scale 6)  
P.T. TARE: 27,400 lb (Scale 5)  
NET: 44,700 lb

Signature \_\_\_\_\_ Date / /

# VCNA PRAIRIE

Votorantim Cement North America Inc.

EAST TRAP "B" #2

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

Billing Control

No. 2175951

PLANT 4978 BLOOMFIELD  
SOURCE 2587

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: NSA CRANE JOB#K00005

Ticket No: 0783/070

BLDG 3325 OLD RIFLE RANGE UNO-7 12:22

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer: JobID Customer Order/Job No. Method of Payment Rndate  
5919942 31625 000135 OK TO SHIP 4/18/2014

Truck No. Trucker No. Trucker Name Cumulative  
YT49 4039955 YOUNG TRUCKING, INC. Total 610.84 Loads 30  
Zone Job/Section/Contract No. Delivered

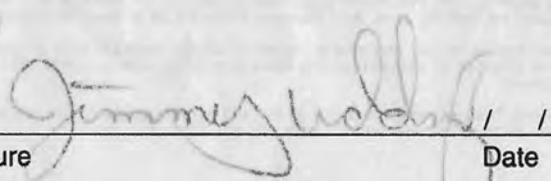
Quantity Description U/W  
20.31 4314497 TOP SOIL Ton

UNIT GROSS: 67,620 lb (Scale 5)  
P.T. TARE: 27,000 lb (Scale 6)  
NET: 40,620 lb

AGYT - 01/05

Signature

Date



# VCNA PRAIRIE

Votorantim Cement North America Inc.

EAST TRAP "B" #3

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

Billing Control  
No. 2175966

PLANT 4578 BLOOMFIELD  
SOURCE 2687

Ship To: MR HABILIS-KEMRON, LLC  
Delivery Address: NSA CRANE JOB#K90006

Ticket No: 07837085

BLDG 3325 OLD RIFLE RANGE UX0-7 13:55

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer JobID Customer Order/Job No. Method of Payment Rounddate  
5919942 31625 000155 OK TO SHIP 4/18/2014

Truck No. Trucker No. Trucker Name Cumulative  
V111 4039955 YOUNG TRUCKING, INC. Total 733.00 Loads 36  
Zone Job/Section/Contract No. Delivered

Quantity Description U/M  
20.25 4314497 TOP SOIL Ton

OUT GROSS: 67,100 lb (Scale 6)  
P.T. TARE: 26,600 lb (Scale 5)  
NET: 40,500 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

EAST TRAP "B" # 4

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

Billing Control

No. 2175969

PLANT 4578 BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-KENRON, LLC  
Delivery Address: NSA CRANE JOB#K90005

Ticket No: 07837089

BLDG 3325 OLD RIFLE RANGE UX0-7 14:03

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer JobID Customer Order/Job No. Method of Payment Run Date  
5919942 31625 000155 OK TO SHIP 4/18/2014

Truck No. Trucker No. Trucker Name Cumulative  
YT49 4039955 YOUNG TRUCKING, INC. Total 773.76 Loads 38  
Zone Job/Section/Contract No. Delivered

Quantity Description U/W  
20.60 4314497 TOP SOIL Ton

OUT GROSS: 68,200 lb (Scale 5)  
P.T. TARE: 27,000 lb (Scale 6)  
NET: 41,200 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

EAST TRAP "B" #5

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

Billing Control

No. 2175973

PLANT 4578 BLDONFIELD  
SOURCE 2687

Ship To: VA HABILIS-KEMRON, LLC

Ticket No: 07837092

Delivery Address: HSA CRANE JOB#K00005

BLDG 3325 OLD RIFLE RANGE UX0-7

14:11

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Bundate
5919942	31625	000155	OK TO SHIP	4/18/2014

Truck No.	Trucker No.	Trucker Name	Cumulative	Loads	AO
Y150	4039955	YOUNG TRUCKING, INC.	Total 813.09		
Zone	Job/Section/Contract No.		Delivered		
			N		
Quantity	Description	U/M			
20.63	*314497 TOP SOIL	Ton			

OUT	GROSS:	66,960 lb	(Scale 6)
P.T.	TARE:	25,700 lb	(Scale 5)
	NET:	41,260 lb	

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

EAST TRAP "B" #16

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

Billing Control

No. 2175979

PLANT 4578 BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-KENRON, LLC

Ticket No: 07837090

Delivery Address: NSA CRANE JOB#K/0006

BLOB 3325 OLD RIFLE RANGE UX0-7

14:55

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Run Date
5919942	31625	000155	OK TO SHIP	4/18/2014

Truck No.	Trucker No.	Trucker Name	Cumulative	Leads
YT45	4839955	YOUNG TRUCKING, INC.	Total 852.41	42

Zone	Job/Section/Contract No.	Delivered
		N

Quantity	Description	U/M
19.72	4314497 TOP SOIL	Ton

QUT GROSS: 68,050 lb (Scale 6)  
 P.T. TARE: 28,620 lb (Scale 6)  
 NET: 39,440 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

EAST TRAP RANGE #7  
"B"

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

Billing Control  
No. 2175988

PLANT 1578 BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-KEMRON, LLC Ticket No: 07837107

Delivery Address: NSA CRANE JOB#K/0006  
BLDG 3325 OLD RIFLE RANGE UX0-7 15:23

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer JobID Customer Order/Job No. Method of Payment Bndate  
5919942 31625 000155 OK TO SHIP 4/18/2014

Truck No. Trucker No. Trucker Name Cumulative  
YT19 4039955 YOUNG TRUCKING, INC. Total 911.40 Loads 45  
Zone Job/Section/Contract No. Delivered

Quantity Description U/M  
18.79 4314497 TOP SOIL Ton

OUT GROSS: 63,400 lb (Scale 6)  
P.T. TARE: 25,020 lb (Scale 5)  
NET: 37,580 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

EAST TRAP "B" #8

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

Billing Control  
No. 2175990

PLANT 4578 BLOOMFIELD  
SOURCE 2687

Ship To: MR HABILIS-KEMRON, LLC Ticket No: 07837109

Delivery Address: NSA CRANE JOB#KVO005  
BLDG 3325 OLD RIFLE RANGE UX0-7 15:27

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer JobID Customer Order/Job No. Method of Payment Run Date  
5919942 31625 000155 OK TO SHIP 4/18/2014

Truck No. Trucker No. Trucker Name Cumulative  
YTA2 4039955 YOUNG TRUCKING, INC. Total 930.61 Loads 46  
Zone Job/Section/Contract No. Delivered

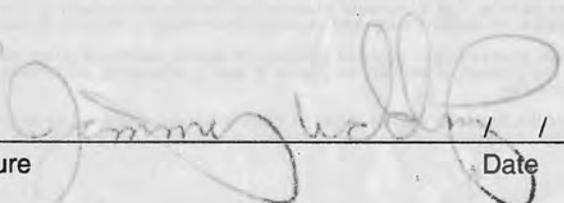
Quantity Description U/W  
19.21 4314497 TOP SOIL Ton

OUT GROSS: 65,420 lb (Scale 6)  
P.T. TARE: 27,000 lb (Scale 6)  
NET: 38,420 lb

AGYT - 01/05

Signature

Date



# VCNA PRAIRIE

Votorantim Cement North America Inc.

WEST #1

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

Billing Control

No. 2175888

PLANT 4578 BLOOMFIELD  
SOURCE 2687

Ship To: VP HABILIS-KERRON, LLC  
Delivery Address: NSA CRANE JOB#190006

Ticket No: 07837007

BLDG 3325 OLD RIFLE RANGE 100-7 07:09  
BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer JobID Customer Order/Job No. Method of Payment Rndate  
5919942 31625 000155 OK TO SHIP 4/18/2014

Truck No. Trucker No. Trucker Name Cumulative  
VF18 4039555 YOUNG TRUCKING, INC. Total 19.68 Loads 1  
Zone Job/Section/Contract No. Delivered

Quantity Description U/M  
19.60 4314497 TOP SOIL Ton

TRK#18  
KERRON  
CRANE BASE

OUT GROSS: 68,340 lb (Scale 6)  
P.T. TARE: 28,980 lb (Scale 6)  
NET: 39,360 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

WEST #2

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

Billing Control

No. 2175889

PLANT 4878 BLOOMFIELD  
SOURCE 2687

Ship To: MR HABILIS-KEMRON, LLC  
Delivery Address: NSA CRANE JOB#K90005  
BLDG 3325 OLD RIFLE RANGE UX0-7

Ticket No: 0783700H

07:14

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer: JobID: Customer Order/Job No. Method of Payment: Rndate  
5919942 31625 000155 OK TO SHIP 4/18/2014

Truck No. Trucker No. Trucker Name Cumulative  
YTS6 4039955 YOUNG TRUCKING, INC. Total 42.37 Loads 2  
Zone Job/Section/Contract No. Delivered

Quantity Description U/N  
22.69 4314+97 TOP SOIL Ton

OUT GROSS: 72,780 lb (Scale 6)  
P.T. TARE: 27,400 lb (Scale 5)  
NET: 45,380 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

WEST # 3

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

Billing Control  
No. 2175890

PLANT 457B BLOOMFIELD  
SOURCE 2887

Ship To: MR HABILIS-KEMRON, LLC Ticket No: 07837009

Delivery Address: MSA CRANE JOB#K00005  
BLDG 3325 OLD RIFLE RANGE Ux0-7 07:19

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer JobID Customer Order/Job No. Method of Payment Rnddate  
5919942 31825 000155 OK TO SHIP 4/18/2014

Truck No. Trucker No. Trucker Name Cumulative  
VT45 4039255 YOUNG TRUCKING, INC. Total Gs.21 Loads 3  
Tone Job/Section/Contract No. Delivered

Quantity Description U/M  
21.84 4314497 TOP SOIL Ton

OUT GROSS: 72,300 lb (Scale 6)  
P.T. TARE: 28,620 lb (Scale 6)  
NET: 43,680 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

WEST # 4

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

Billing Control

No. 2175891

PLANT 4978 BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-REMCON, LLC  
Delivery Address: NSR CRANE JOB#K00006

Ticket No: 07837010

BLDG 3325 OLD RIFLE RANGE UX0-7 07:25

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer JobID Customer Order/Job No. Method of Payment Run Date  
5919942 31625 000155 OK TO SHIP 4/18/2014

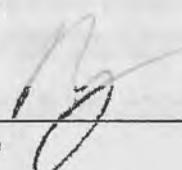
Truck No. Trucker No. Trucker Name Cumulative Total Loads  
VT19 4039955 YOUNG TRUCKING, INC. 84.21 4  
Zone Job/Section/Contract No. Delivered

Quantity Description U/M  
20,000 4314697 TOP SOIL Ton

OUT GROSS: 65,820 lb (Scale 6)  
P.T. TARE: 25,820 lb (Scale 5)  
NET: 40,000 lb

AGYT - 01/05

Signature



Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

WEST #5

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

Billing Control  
No. 2175892

PLANT #578 BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07837011

Delivery Address: NSA CRANE JOB#KVD006

BLDB 3325 OLD RIFLE RANGE UX0-7 07:38

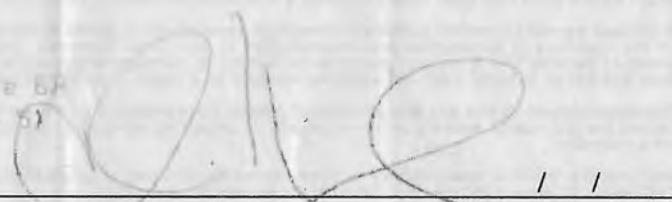
BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Run Date
5919942	31625	000155	OK TO SHIP	4/18/2014

Truck No.	Trucker No.	Trucker Name	Cumulative	Load
YT11	4039935	YOUNG TRUCKING, INC.	Total 104.04	5
Zone	Job/Section/Contract No.	Delivered		

Quantity	Description	U/M
19.83	4314497 TOP SOIL	Ton

OUT	GROSS:	58,260 lb	(Scale 5A)
P.T.	TARE:	26,600 lb	(Scale 5)
	NET:	39,660 lb	



Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

WEST # 6

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

Billing Control

No. 2175883

PLANT 4578 BLDONFIELD  
SOURCE 2887

Ship To: VR HABILIS-KENRON, LLC Ticket No: 07837012

Delivery Address: NSA CRANE JOHNSONWAY

1900 1ST ST SW STE 1000

NEE, AGGREGATE MATERIALS ARE SHIPPED TO THE REQUEST OF BUYER

Customer: 0816 Customer Order Job No. Method of Payment: Bank

Company: 11025 000150 101 TO 5010 1 10-0001

Truck/Trailer: 4039935 YOUNG TRUCKING, INC. Loadings: Total 129.14 Loads: 6

Tons: Job/Section/Contract No. Delivered: N

Quantity: Description: U/M

20.10 4314497 TOP SOIL Ton

OUT GROSS: 67,200 lb (Scale 5)

P.T. TARE: 27,000 lb (Scale 6)

NET: 40,200 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

WEST #7

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

Billing Control  
No. 2175894

PLANT 4578 BLOOMFIELD  
SOURCE 2687

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07837013

Delivery Address: NSA CRANE JOB#KRV0006

BLDG 3325 OLD RIFLE RANGE U00-7

07:45

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Run date
5919942	31625	000135	OK TO SHIP	4/18/2014

Truck No.	Trucker No.	Trucker Name	Cumulative	Zone	Job/Section/Contract No.	Delivered
VT33	4039935	YOUNG TRUCKING, INC.	Total 143.81			
						N

Quantity	Description	U/M
19.67	4314497 TOP SOIL	Ton

OUT GROSS: 66,400 lb (Scale 6)  
 P.Y. TARE: 27,060 lb (Scale 6)  
 NET: 39,340 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

WEST #8

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

Billing Control

No. 2175895

PLANT 4878 BLOOMFIELD  
SOURCE 2687

Ship To: VA HABILIS-KEHRON, LLC  
Delivery Address: NSA CRANE JOB#K00006

Ticket No: 07837014

BLDG 3325 OLD RIFLE RANGE UX0-7 07:52

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer JobID Customer Order/Job No. Method of Payment Rounddate  
5919942 31625 000155 OK TO SHIP 4/18/2014

Truck No. Trucker No. Trucker Name Cumulative  
YTS0 4039855 YOUNG TRUCKING, INC. Total 164.68 Loads 8  
Zone Job/Section/Contract No. Delivered

Quantity Description U/M  
28.87 4314497 TOP SOIL Ton

OUT GROSS: 67,440 lb (Scale 6)  
P.T. TARE: 25,700 lb (Scale 5)  
NET: 41,740 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

WEST #9

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

Billing Control  
No. 2175898

PLANT 4578 BLOOMFIELD  
SOURCE 2687

Ship To: VA HABILIS-KEMRON, LLC

Ticket No: 07837017

Delivery Address: NSA CRANE JOB#KVV0006

BLDG 3325 OLD RIFLE RANGE UY0-7

08:26

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Printdate
5919942	31625	000155	OK TO SHIP	4/18/2014

Truck No.	Trucker No.	Trucker Name	Cumulative	Zone
YT18	4039335	YOUNG TRUCKING, INC.	Total 182.14	9
		Job/Section/Contract No.	Delivered	

Quantity	Description	U/M
17.43	4314497 TOP SOIL	Ton

TRK#18  
KEMRON  
CRANE BASE

OUT	GROSS:	63,940 lb	(Scale 6)
P.T.	TARE:	28,980 lb	(Scale 6)
	NET:	34,860 lb	

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

WEST TRAP #10  
RANGE

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

Billing Control

No. 2175985

PLANT 4578 BLOOMFIELD  
SOURCE 2587

Ship To: VR HABILIS-KEHRON, LLC

Ticket No: 07837104

Delivery Address: NSA CRANE JOB#K78006

BLDG 3325 OLD RIFLE RANGE U10-7

15:16

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer JobID Customer Order/Job No. Method of Payment Fundate

5919942 31625 000155 OK TO SHIP 4/18/2014

Track No.	Trucker No.	Trucker Name	Cumulative	Loads	43
YTS6	403955	YOUNG TRUCKING, INC.	Total 874.71		
Tone	Job/Section/Contract No.		Delivered		

Quantity	Description	N	U/N	Ton
22.30	4314497 TOP SOIL			

OUT GROSS: 72,000 lb (Scale 6)  
 P.T. TARE: 27,400 lb (Scale 5)  
 NET: 44,600 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

WEST TROAD #11

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

Billing Control  
No. 2175986

PLANT 4978 BLOOMFIELD  
SOURCE 2687

Ship To: VA HABILIS-KENRON, LLC

Ticket No: 07837105

Delivery Address: NSA CRANE JOB#H40006

BLDG 3325 OLD RIFLE RANGE UX0-7

15:18

BULK AGGREGATE HEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Printdate
5919942	31625	000135	OK TO SHIP	4/18/2014

Truck No.	Trucker No.	Trucker Name
YT11	4039935	YOUNG TRUCKING, INC.
Zone	Job/Section/Contract No.	

Cumulative	Leads
Total 892.61	44
Delivered	

Quantity	Description	U/M
17.98	4314497 TOP SOIL	Ton

OUT	GROSS: 62,400 lb	(Scale G)
T.T.	TARE: 26,600 lb	(Scale S)
	NET: 35,800 lb	

AGYT - 01/05

Signature

Date

**Ben's Quarry, LLC**

303 East Ingram Road  
Springville, Indiana 47462  
Phone : (812)824-3730 Fax :(812)824-3732

---

**Weigh Master:** ETTA

---

**Hauler:**

**Customer:** KEM100  
VRHabilis/Kemron, LLC  
1359-A Ellsworth Industrial Bd  
Job # KV0006/P.O.000162  
Alanta,Georgia 30318

---

Ticket No : 15066063      Date : 3/13/14

---

Truck : 56YOU      Young Trucking  
Material: 2 ROCK      2's Rock by the ton

---

---

Gross:	71180	lb	MAN WT
Tare:	28000	lb	STORED
Net:	<u>43180</u>	lb	
	21.590	tn	Out 7:37 am

---

---

Material \$	
Delivery \$	
Misc \$	
Tax \$	
Total \$	_____

---

Remarks:  
Thank You

Crane

Customer



**Ben's Quarry, LLC**

303 East Ingram Road  
Springville, Indiana 47462  
Phone : (812)824-3730 Fax : (812)824-3732

---

**Weigh Master:** ETTA

---

**Hauler:**

**Customer:** KEM100  
VRHabilis/Kemron, LLC  
1359-A Ellsworth Industrial Bd  
Job # KV0006/P.O.000162  
Alanta, Georgia 30318

---

Ticket No : 15066062      Date : 3/13/14

---

Truck : 42YOU      Young Trucking, Inc  
Material: 2 ROCK      2's Rock by the ton

---

Gross: 68500 lb      MAN WT  
Tare: 26840 lb      STORED  
Net: 41660 lb  
20.830 tn      Out 7:31 am

---

Material \$  
Delivery \$  
Misc \$  
Tax \$  
Total \$ \_\_\_\_\_

---

Remarks:  
Thank You

Crane

Customer

**Ben's Quarry, LLC**

303 East Ingram Road  
Springville, Indiana 47462  
Phone : (812)824-3730 Fax :(812)824-3732

---

**Weigh Master:** ETTA

---

**Hauler:**

**Customer:** KEM100  
VRHabilis/Kemron, LLC  
1359-A Ellsworth Industrial Bd  
Job # KV0006/P.O.000162  
Alanta,Georgia 30318

---

Ticket No : 15066064      Date : 3/13/14

---

Truck : 49YOU      Young Trucking  
Material: 2 ROCK      2's Rock by the ton

---

Gross:	67920	lb	MAN WT
Tare:	26800	lb	STORED
Net:	41120	lb	
	20.560	tn	Out 7:44 am

---

Material \$	
Delivery \$	
Misc \$	
Tax \$	
Total \$	_____

---

Remarks:  
Thank You

Crane

Customer

**Ben's Quarry, LLC**

303 East Ingram Road  
Springville, Indiana 47462  
Phone : (812)824-3730 Fax :(812)824-3732

---

**Weigh Master:** ETTA

---

**Hauler:**

**Customer:** KEM100  
VRHabilis/Kemron, LLC  
1359-A Ellsworth Industrial Bd  
Job # KV0006/P.O.000162  
Alanta,Georgia 30318

---

Ticket No : 15065862      Date : 3/11/14

---

Truck : 18YOU      Young Trucking  
Material: 2 ROCK      2's Rock by the ton

---

Gross:	67400	lb	MAN WT
Tare:	28580	lb	STORED
Net:	38820	lb	
	19.410	tn	Out 11:02 am

---

Material \$	
Delivery \$	
Misc \$	
Tax \$	_____
Total \$	

---

Remarks:  
Thank You

Crane

Customer

**Ben's Quarry, LLC**

303 East Ingram Road  
Springville, Indiana 47462  
Phone : (812)824-3730 Fax :(812)824-3732

---

**Weigh Master:** ETTA

---

**Hauler:**

**Customer:** KEM100  
VRHabilis/Kemron, LLC  
1359-A Ellsworth Industrial Bd  
Job # KV0006/P.O.000162  
Alanta,Georgia 30318

---

Ticket No : 15065896      Date : 3/11/14

---

Truck : 18YOU      Young Trucking  
Material: 2 ROCK      2's Rock by the ton

---

---

Gross:	67040	lb	MAN WT
Tare:	28580	lb	STORED
Net:	<u>38460</u>	lb	
	19.230	tn	Out 1:12 pm

---

Material \$	
Delivery \$	
Misc \$	
Tax \$	
Total \$	<hr/>

---

Remarks:  
Thank You

CRANE

Customer

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control  
No. 2186906

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 Q022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836025

Delivery Address: CRANE

JOB#KV0006

11:36

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/24/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT11	4039955	YOUNG TRUCKING, INC.	Total 413.06	Loads	20
Zone	Job/Section/Contract No.	Delivered			

Quantity	Description	U/M
20.42	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 67,440 lb (Scale 6)  
P.F. TARE: 26,600 lb (Scale 5)  
NET: 40,840 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control  
No. 2186905

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4878 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE

Ticket No: 07836024

JOB#VR0006

11:35

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/24/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT50	4039955	YOUNG TRUCKING, INC.	Total	392.64	Loads 19
Zone	Job/Section/Contract No.	Delivered			

Quantity	Description	U/M
20.51	6116830 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 66,720 lb (Scale 6)  
P.T. TARE: 25,700 lb (Scale 5)  
NET: 41,020 lb

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186903

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 457B BLDOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836022

Delivery Address: CRANE

JOB#KV0006

11:32

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/24/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT45	4039955	YOUNG TRUCKING, INC.	Total 372.13	Loads	18
Zone	Job/Section/Contract No.		Delivered		

N

Quantity	Description	U/M
21.45	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 71,520 lb (Scale 6)  
P.T. TARE: 28,620 lb (Scale 6)  
NET: 42,900 lb

*CRANE*

*[Signature]*

*1 / 1*

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control  
No. 2186898

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC Ticket No: 07036017  
Delivery Address: CRANE

JOB#KV0006 11:06

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/24/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT19	4039955	YOUNG TRUCKING, INC.	Total	350.68	Loads 17
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
20.67	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 67,160 lb (Scale 5)  
P.T. TARE: 25,820 lb (Scale 5)  
NET: 41,340 lb

Signature 

Date / /

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186895

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4979 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE

Ticket No: 07836014

JOB#VR0006

10:59

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Run date
5919942	31625	000155	OK TO SHIP	3/24/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
VT18	4039955	YOUNG TRUCKING, INC.	Total	330.01	Loads 16
Zone	Job/Section/Contract No.		Delivered		

N

Quantity	Description	U/M
18.93	6116838 4 STRUCTURAL BACKFILL	Ton

TRK#18  
VRHK  
CRANE BASE

OUT GROSS: 66,840 lb (Scale 6)  
P.T. TARE: 28,980 lb (Scale 6)  
NET: 37,860 lb

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186889

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE

Ticket No: 07836008

JOB#KV0026

10:11

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/24/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT11	4039955	YOUNG TRUCKING, INC.	Total	311.08	Loads 15
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
20.33	6116838 4" STRUCTURAL BACKFILL	Ton

OUT GROSS: 67,260 lb (Scale 6)  
P.T. TARE: 26,600 lb (Scale 5)  
NET: 40,660 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186888

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4S78 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836007

Delivery Address: CRANE

JOB#KV0006

10:09

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/24/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT50	4039955	YOUNG TRUCKING, INC.	Total 290.75	Loads	14
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
20.53	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 66,760 lb (Scale 6)  
P.T. TARE: 25,700 lb (Scale 5)  
NET: 41,060 lb

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. **2186887**

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ticket No: 07836006

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE

JOB#RV0026

10:07

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/24/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT45	4039955	YOUNG TRUCKING, INC.	Total	270.22	Loads 13
Zone	Job/Section/Contract No.		Delivered		

N

Quantity	Description	U/M
21.76	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 72,140 lb (Scale 6)  
P.T. TARE: 28,620 lb (Scale 6)  
NET: 43,520 lb

*file*

*/ /*

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186884

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: 9R HABILIS-KEMRON, LLC

Ticket No: 07836003

Delivery Address: CRANE

JOB#KV0006

09:54

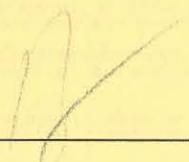
BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/24/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT19	4039955	YOUNG TRUCKING, INC.	Total 248.46	Loads	12
Zone	Job/Section/Contract No.	Delivered			

Quantity	Description	U/M
20.39	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 86,600 lb (Scale 6)  
P.T. TARE: 25,820 lb (Scale 5)  
NET: 40,780 lb

Signature 

Date     /     /

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control  
No. 2186882

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07836001

Delivery Address: CRANE

JOB#KV0006

09:41

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/24/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT18	4039955	YOUNG TRUCKING, INC.	Total 228.07	Loads	11
Zone	Job/Section/Contract No.		Delivered		

N

Quantity	Description	U/M
19.74	6116838 4 STRUCTURAL BACKFILL	Ton

TRK#18  
VRHK  
CRANE BASE

OUT GROSS: 69,460 lb (Scale 6)  
P.T. TARE: 28,980 lb (Scale 6)  
NET: 39,480 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186877

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE

Ticket No: @7835996

JOB#KV0006

08:55

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	@00155	OK TO SHIP	3/24/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT11	4039955	YOUNG TRUCKING, INC.	Total 206.33	Loads	10
Zone	Job/Section/Contract No.	Delivered			

Quantity	Description	U/M
20.95	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 60,500 lb (Scale 6)  
P.T. TARE: 26,600 lb (Scale 5)  
NET: 41,900 lb

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186876

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4878 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07835995

Delivery Address: CRANE

JOB#K0005

08:53

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/24/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT50	4039955	YOUNG TRUCKING, INC.	Total	187.38	Leads 9
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
20.69	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 67,080 lb (Scale 6)  
P.T. TARE: 25,700 lb (Scale 5)  
NET: 41,380 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186875

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07835994

Delivery Address: CRANE

JOB#KY0006

08:51

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/24/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT45	4039955	YOUNG TRUCKING, INC.	Total 166.69	Loads	8
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
21.85	6116838 4 STRUCTURAL BACKFILL	Ton

*Blank*

OUT GROSS: 72,320 lb (Scale 6)  
P.T. TARE: 28,620 lb (Scale 6)  
NET: 43,700 lb

*PL*

*1 / 1*

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control  
No. 2186874

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC Ticket No: 07835993  
Delivery Address: CRANE

JOB#K00006 08:39

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/24/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT19	4039955	YOUNG TRUCKING, INC.	Total 144.84	Loads	7
Zone	Job/Section/Contract No.	Delivered			

Quantity	Description	U/M
21.07	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 67,960 lb (Scale 6)  
P.T. TARE: 25,820 lb (Scale 5)  
NET: 42,140 lb

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186871

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4S78 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: V/R HABILIS-KEMRON, LLC  
Delivery Address: CRANE

Ticket No: 07835990

JOB#RV0006

08:28

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Run Date
5919942	31625	000155	OK TO SHIP	3/24/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT18	4039955	YOUNG TRUCKING, INC.	Total	123.77	Leads 6
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
19.76	6116838 4 STRUCTURAL BACKFILL	Ton

TRK#18  
VHRK  
CRANE BASE

OUT GROSS: 68,500 lb (Scale 6)  
P.T. TARE: 28,980 lb (Scale 6)  
NET: 39,520 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186867

PLANT 4S78 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07835986

Delivery Address: CRANE

JOB#KV0006

07:36

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/24/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT11	4039955	YOUNG TRUCKING, INC.	Total 104.01	Loads	5
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
20.85	6116838 4 STRUCTURAL BACKFILL	Ton

GUT GROSS: 68,300 lb (Scale 6)  
P.T. TARE: 26,600 lb (Scale 5)  
NET: 41,700 lb

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control  
No. 2186866

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: MR HABILIS-KEMRON, LLC Ticket No: 07835985  
Delivery Address: CRANE

JOB#K10006 07:31

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/24/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT50	4039955	YOUNG TRUCKING, INC.	Total	83.16	Loads 4
Zone	Job/Section/Contract No.	Delivered			

Quantity	Description	U/M
20.40	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 66,660 lb (Scale 6)  
P.T. TARE: 25,700 lb (Scale 5)  
NET: 40,960 lb

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186865

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KENRON, LLC  
Delivery Address: CRANE

Ticket No: 07835984

JOB#K90006

07129

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/24/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT45	4039955	YOUNG TRUCKING, INC.	Total	62.68	Loads 3
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
21.91	6116838 4 STRUCTURAL BACKFILL	Ton

*Chank.*

GUT GROSS: 72,440 lb (Scale 6)  
P.T. TARE: 28,620 lb (Scale 6)  
NET: 43,820 lb

*Rob*

*1 / 1*

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186864

PLANT 4970 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: MR HABILIS-KEMRON, LLC

Ticket No: 07835983

Delivery Address: CRANE

JOB#KVV0005

07:25

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/24/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT19	4039955	YOUNG TRUCKING, INC.	Total	40.77	Loads 2
Zone	Job/Section/Contract No.	Delivered			

Quantity	Description	N	U/M
21.33	6116838 4 STRUCTURAL BACKFILL		Ton

OUT GROSS: 68,480 lb (Scale 6)  
P.T. TARE: 25,820 lb (Scale 5)  
NET: 42,660 lb

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186863

PLANT 4970 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: MR HABILIS-HEMIRON, LLC  
Delivery Address: CRANE

Ticket No: 07835982

JOB#KV0006

07:13

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/24/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT18	4039955	YOUNG TRUCKING, INC.	Total	19.44	Loads 1
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M	
19.44	6116838 4 STRUCTURAL BACKFILL	TON	

TRK#18  
VRAK  
CRANE BASE

OUT	GROSS:	67,860 lb	(Scale 6)
P.T.	TARE:	28,980 lb	(Scale 6)
	NET:	38,880 lb	

Signature

Date

# VA PRAIRIE

m Cement North America Inc.

Material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

Billing Control

No. 2186547

PLANT 4570 BLOOMFIELD  
SOURCE 2687 Q022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: @7835667

Delivery Address: CRANE

JOB#KV0006

12:32

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/12/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT52	4039955	YOUNG TRUCKING, INC.	Total	415.61	Loads 20
Zone	Job/Section/Contract No.	Delivered			

Quantity	Description	U/M
23.18	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 72,740 lb (Scale 6)  
P.T. TARE: 26,380 lb (Scale 6)  
NET: 46,360 lb

01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control  
No. 2186546

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4878 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE  
JOB#KV0006  
Ticket No: 07835666  
11:43

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/12/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT19	4039955	YOUNG TRUCKING, INC.	Total	392.43	Loads 19
Zone	Job/Section/Contract No.		Delivered		

		N			
Quantity	Description	U/M			
20.69	6116838 4 STRUCTURAL BACKFILL	Ton			

OUT GROSS: 67,180 lb (Scale 6)  
P.T. TARE: 25,820 lb (Scale 5)  
NET: 41,360 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control  
No. 2186545

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC Ticket No: 07835665  
Delivery Address: CRANE  
JOB#KV0006 11:41

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS  
Customer JobID Customer Order/Job No. Method of Payment Rndate  
5919942 31625 000155 OK TO SHIP 3/12/2014

Truck No. Trucker No. Trucker Name Cumulative  
YR11 4039955 YOUNG TRUCKING, INC. Total 371.75 Loads 18  
Zone Job/Section/Contract No. Delivered

Quantity Description U/M  
20.68 6116838 4 STRUCTURAL BACKFILL Ton

OUT GROSS: 67,960 lb (Scale 6)  
P.T. TARE: 26,600 lb (Scale 5)  
NET: 41,360 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186544

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC Ticket No: 07835664  
Delivery Address: CRANE  
JOB#KV0006 11:39

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS  
Customer JobID Customer Order/Job No. Method of Payment Rndate  
5919942 31625 000155 OK TO SHIP 3/12/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT44			Total 351.07	Loads	17
Zone	Job/Section/Contract No.		Delivered		
			N		
Quantity	Description		U/M		
20.15	6116838 4 STRUCTURAL BACKFILL		Ton		

OUT GROSS: 67,700 lb (Scale 6)  
P.T. TARE: 27,400 lb (Scale 6)  
NET: 40,300 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control  
No. 2186542

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE  
JOB#KV0006

Ticket No: 07835662  
11:01

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/12/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT18	4039955	YOUNG TRUCKING, INC.	Total 330.92	Loads	16
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
19.57	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 68,120 lb (Scale 6)  
P.T. TARE: 28,980 lb (Scale 6)  
NET: 39,140 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186541

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE  
JOB#KV0006

Ticket No: 07835661  
10:55

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/12/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT52	4039955	YOUNG TRUCKING, INC.	Total	311.35	Loads 15
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
23.42	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 73,220 lb (Scale 6)  
P.T. TARE: 26,380 lb (Scale 6)  
NET: 46,840 lb

AGYT - 01/05

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

2186519

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186519

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 000139

Ticket No: 07835639

Ship To: VR HABILIS-MEMRON, LLC  
Delivery Address: CRANE  
JOB#KV0006

07:56

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/12/2014

Truck No.	Trucker No.	Trucker Name	Cumulative Total	Loads
YT52	4039955	YOUNG TRUCKING, INC.	104.68	5

Quantity	Description	Delivered	U/M
22.85	6116838 4 STRUCTURAL BACKFILL	Top	Top

OUT	GROSS:	72,000 lb	(Scale 6)
P.L.	TARE:	26,300 lb	(Scale 6)
	NET:	45,700 lb	

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186537

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4878 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE  
JOB#KY0005

Ticket No: 07835657

10:07

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/12/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
Y119	4039955	YOUNG TRUCKING, INC.	Total 287.93	Loads	14
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
21.09	6116838 4 STRUCTURAL BACKFILL	Ton

GUT GROSS: 68,000 lb (Scale 6)  
P.T. TARE: 25,820 lb (Scale 5)  
NET: 42,180 lb

*Kem Rod*  
*CRANE*

AGYT - 01/05

Signature

Date

# CNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control  
No. 2186536

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4870 BLOOMFIELD  
SOURCE 2687 Q022199

Ship To: VR HABILIS-KEMRON, LLC Ticket No: 07835656

Delivery Address: CRANE  
JOB#KV0006 10:05

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000135	OK TO SHIP	3/12/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT11	4039955	YOUNG TRUCKING, INC.	Total 266.84	Loads	13
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
20.13	6416838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 66,860 lb (Scale 6)  
P.T. TARE: 26,600 lb (Scale 5)  
NET: 40,260 lb

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186535

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4S78 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC Ticket No: 07835655

Delivery Address: CRANE  
JOB#KVN0006 10:03

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer JobID Customer Order/Job No. Method of Payment Rndate  
5919942 31625 000155 OK TO SHIP 3/12/2014

Truck No. Trucker No. Trucker Name Cumulative  
YT44 Total 246.71 Loads 12

Zone Job/Section/Contract No. Delivered

Quantity Description U/M  
19.84 6116838-4 STRUCTURAL BACKFILL Ton

OUT GROSS: 67,080 lb (Scale 5)  
P.T. TARE: 27,400 lb (Scale 6)  
NET: 39,680 lb

AGYT - 01/05  
Signature \_\_\_\_\_ Date / /

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186533

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4978 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07835653

Delivery Address: CRANE

JOB#KV0006

09:46

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/12/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT18	4039955	YOUNG TRUCKING, INC.	Total 226.87	Loads	11
Zone	Job/Section/Contract No.	Delivered			

Quantity	Description	U/M
19.21	6116838 4 STRUCTURAL BACKFILL	Ton

TRUCK# 18  
KEMRON  
CRANE BASE

OUT GROSS: 67,400 lb (Scale 6)  
P.T. TARE: 28,980 lb (Scale 6)  
NET: 38,420 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

Billing Control  
No. 2186530

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022179

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07B35650

Delivery Address: CRANE  
JOB#KV0006

09:28

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/12/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT52	4039955	YOUNG TRUCKING, INC.	Total 207.66	Loads	10
Zone	Job/Section/Contract No.	Delivered			
		N			
Quantity	Description	U/M			
22.59	6116838 4 STRUCTURAL BACKFILL	Ton			

OUT GROSS: 71,560 lb (Scale 6)  
P.T. TARE: 26,380 lb (Scale 6)  
NET: 45,180 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control  
No. 2186525

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4978 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE  
JOB#KV0006

Ticket No: 07835645  
00:47

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/12/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT19	4039955	YOUNG TRUCKING, INC.	Total 185.07	Loads	9
Zone	Job/Section/Contract No.	Delivered			

Quantity	Description	U/M
20.80	6116838 4 STRUCTURAL BACKFILL	Ton

*Kem Rod*  
*CRANE*

OUT GROSS: 67,420 lb (Scale 6)  
P.T. TARE: 25,820 lb (Scale 5)  
NET: 41,600 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

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Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

Billing Control  
No. 2186524

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE  
JOB#KV0006

Ticket No: 07835644  
08:41

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/12/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT11	4039955	YOUNG TRUCKING, INC.	Total	164.27	Loads 8
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
20.31	6116838 4 STRUCTURAL BACKFILL	Ton

OUT P.T.  
GROSS: 67,220 lb (Scale 6)  
TARE: 26,600 lb (Scale 5)  
NET: 40,620 lb



\_\_\_\_\_  
Signature Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186523

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 Q022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE  
JOB#KV0006

Ticket No: 07835643

08:39

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/12/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT44			Total	143.98	Loads 7
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
19.85	6116838 4 STRUCTURAL BACKFILL	Ton

OUT P.T.  
GROSS: 67,100 lb (Scale 6)  
TARE: 27,400 lb (Scale 6)  
NET: 39,700 lb

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186520

PLANT 4878 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE  
JOB#KY0006

Ticket No: 07B35640  
08:24

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/12/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT18	4039955	YOUNG TRUCKING, INC.	Total 124.11	Leads	6
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
19.43	6116838 4 STRUCTURAL BACKFILL	Ton

TRK#18  
KEMRON  
CRANE BASE

OUT GROSS: 67,840 lb (Scale 6)  
P.T. TARE: 28,980 lb (Scale 6)  
NET: 38,860 lb

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186516

PLANT 4S78 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07835636

Delivery Address: CRANE

JOB#KV0006

07:18

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/12/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT19	4039955	YOUNG TRUCKING, INC.	Total	81.83	Loads 4
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
21.23	6116838 4 STRUCTURAL BACKFILL	Ton

*Kem Ron  
CRANE*

OUT GROSS: 68,280 lb (Scale 6)  
P.T. TARE: 25,820 lb (Scale 5)  
NET: 42,460 lb

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control  
No. 2186514

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4878 BLOOMFIELD

SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC

Ticket No: 07835634

Delivery Address: CRANE

JOB#KV0006

07:11

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/12/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT44			Total	60,60	Leads 3
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
20.23	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 67,860 lb (Scale 6)  
P.T. TARE: 27,400 lb (Scale 6)  
NET: 40,460 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control  
No. 2186513

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4978 BLOOMFIELD  
SOURCE 2687 Q022199

Ship To: VR HABILIS-KEMRON, LLC Ticket No: 07835633  
Delivery Address: CRANE  
JOB#KV0006 07:09

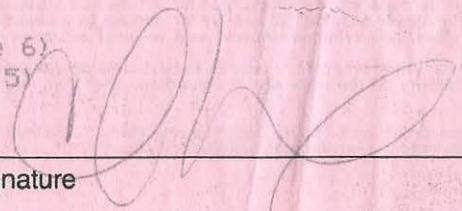
BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/12/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT11	4039935	YOUNG TRUCKING, INC.	Total	40.37	Loads 2
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
20.63	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 67,860 lb (Scale 6)  
P.T. TARE: 26,600 lb (Scale 5)  
NET: 41,260 lb

Signature 

Date / /

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186512

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4978 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE  
JOB#KVV0006

Ticket No: 07835632  
07:06

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/12/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT18	4039955	YOUNG TRUCKING, INC.	Total	19.74	Loads 1
Zone	Job/Section/Contract No.	Delivered			

Quantity	Description	U/M
19.74	6116838 4 STRUCTURAL BACKFILL	Ton

TRK#18  
KEMRON  
GRADE BASE

OUT GROSS: 68,460 lb (Scale 6)  
P.T. TARE: 28,980 lb (Scale 6)  
NET: 39,480 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186573

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD

SOURCE 2687 @022199

Ship To: MR HABILIS-KEMRON, LLC  
Delivery Address: CRANE  
JOB#KY0006

Ticket No: 07835692

11:03

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	ON TO SHIP	3/13/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT19	4039955	YOUNG TRUCKING, INC.	Total 123.84	Loads	6
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
21.27	6116838 4 STRUCTURAL BACKFILL	Ton

*KEMRON*  
*CRANE*

OUT GROSS: 68,360 lb (Scale 6)  
P.T. TARE: 25,820 lb (Scale 5)  
NET: 42,540 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186572

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT #578 BLOOMFIELD  
SOURCE 2687 0022199

Ticket No: 07835691

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE  
JOB#KVV0006

11:01

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/13/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT17	4039955	YOUNG TRUCKING, INC.	Total 102.57	Loads	5
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
19.83	6116038 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 68,260 lb (Scale 6)  
P.T. TARE: 28,600 lb Manual Wt.  
NET: 39,660 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control  
No. 2186570

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC Ticket No: 07835689  
Delivery Address: CRANE  
JOB#KVD0006 10:43

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Printdate
5919942	31625	000155	OK TO SHIP	3/13/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
YT50	4039953	YOUNG TRUCKING, INC.	Total	82.74	Loads 4
Zone	Job/Section/Contract No.	Delivered			

Quantity	Description	U/M
21.06	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 67,820 lb (Scale 6)  
P.T. TARE: 25,700 lb (Scale 5)  
NET: 42,120 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control  
No. 2186565

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE  
JOB#KV0006

Ticket No: 07835684  
09:53

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5912942	31625	000155	OK TO SHIP	3/13/2014

Truck No.	Trucker No.	Trucker Name	Cumulative		
VT42	4039955	YOUNG TRUCKING, INC.	Total	61.68	Loads 3
Zone	Job/Section/Contract No.	Delivered			

Quantity	Description	U/M
20.35	6116838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 67,180 lb (Scale 6)  
P.T. TARE: 26,480 lb (Scale 6)  
NET: 40,700 lb

AGYT - 01/05

Signature

Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

No. 2186563

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4578 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE  
JOB#KV0006

Ticket No: 07835682  
09:48

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer	JobID	Customer Order/Job No.	Method of Payment	Rundate
5919942	31625	000155	OK TO SHIP	3/13/2014

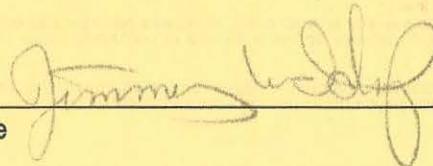
Truck No.	Trucker No.	Trucker Name	Cumulative		
YT49	4039955	YOUNG TRUCKING, INC.	Total	41.33	Loads 2
Zone	Job/Section/Contract No.		Delivered		

Quantity	Description	U/M
19.81	6115838 4 STRUCTURAL BACKFILL	Ton

OUT GROSS: 66,620 lb (Scale 6)  
P.T. TARE: 27,000 lb (Scale 6)  
NET: 39,620 lb

AGYT - 01/05

Signature



Date

# VCNA PRAIRIE

Votorantim Cement North America Inc.

812 384-9463

The material delivered on this ticket is subject to separately agreed upon prices for material and service charges including cartage and Saturday delivery.

Billing Control

144.47

No. 2186562

Payment is due within 30 days from date on invoice. A service charge of 1-1/2% per month which is an annual rate of 18%, will accrue 30 days after invoice date. It is expressly agreed by and between the parties hereto that Buyer will reimburse Seller for any and all collection costs incurred including reasonable attorney fees.

PLANT 4878 BLOOMFIELD  
SOURCE 2687 0022199

Ship To: VR HABILIS-KEMRON, LLC  
Delivery Address: CRANE  
JOB#KV0006

Ticket No: 07835681

09:46

BULK AGGREGATE WEIGHTS ARE ROUNDED TO THE NEAREST 20 POUNDS

Customer JobID Customer Order/Job No. Method of Payment Rundate  
5919942 31625 000155 OK TO SHIP 3/13/2014

Truck No. Trucker No. Trucker Name Cumulative  
YT56 4039955 YOUNG TRUCKING, INC. Total 21.52 Loads 1  
Zone Job/Section/Contract No. Delivered

Quantity Description U/M  
21.52 6116038 4 STRUCTURAL BACKFILL Ton

OUT GROSS: 70,440 lb (Scale 6)  
P.T. TARE: 27,400 lb (Scale 5)  
NET: 43,040 lb

AGYT - 01/05

Signature

Date

**APPENDIX F**

**FIELD DOCUMENTATION**

OXO 7

YSA

Chama

2695

Wanam

Measures

2014

TITLE Ux07

PROJECT NO. 112IG5608

BOOK NO. 2695

Work continued from Page -

2-24-14

AM: PC low 20's

PM: Clear upper 20's

0645 - Departed hotel.

0715 - Arrived at Crane Field trailer. Gathered field supplies

0730 - Arrived at Crane scales. Met w/ X. Lockamp. Discussed activities up to this point.

0825 - Arrived at Ux07. Met w/ Joe Morales w/ Tamron. Discussed days schedule which included excavating in area BT-1. This area will be utilized for storage of more contaminated soil which requires stabilization.

0910 - Returned to trailer to standardize XRF & bring back to field. STD = 235

SCIENTIFIC BINDER Y88YRS.COM

Work continued to Page 2

SIGNATURE

WITNESS

*[Handwritten Signature]*

DATE

DATE

2/24/14

Bank: ND  
2702: 140  
2781: 202

Work continued from Page 1

1015 - Cont call w/  
P. Baringer, P. Padiwati,  
T. Brent, & X. Luokamp  
regarding excavation depth  
at BA-1. Decision was to  
excavate to 6-foot depth,  
not just to natural grade.

Additionally, at ETR, will  
move excavation nodes back  
from drainage ditch approx  
5-6 feet.

1130 - Back at U707  
monitoring excavation  
activities at BA-1.

1430 - Collecting samples  
from various test pits w/in  
BA-1.

Several bullets/bulleted fragments  
were found along the side walls  
of BA-1 (wall segment BA).

SIGNATURE

WITNESS

DATE

DATE

Work continued to Page

3

Work continued from Page 2

The excavation is currently  
approx. one-foot shy of the  
outer limits. Since the  
lead areas are to be treated  
in this area, full outer  
excavation is not yet complete.

Test Pits w/in BA-1

- ① NE corner of BA-1 (node BA1-2)
- Excavation approx. 1 foot deep
  - Brown soil w/ some clay
- Wall sample XRF  
34/30/75 = 46 ppm  
Floor sample XRF  
120/212/357 = 230 ppm

- ② SE corner of BA-1 (node BA1-3)
- Excavation approx. 2 feet deep
  - Orangish/brown clay
  - Several bullets from surface  
down to ~ 20"
- Wall sample XRF  
19/19/47 = 27 ppm  
Floor sample 543/494/306 = 448  
4 ppm

SIGNATURE

WITNESS

DATE

DATE

Work continued to Page

4 ppm

3

Work continued from Page 3

## Wall Segment AC

- Approx. 39 feet from node B11-2.
- 3 foot excavation
- bullets found at approx. 2'
- XRF

Wall: 512/599/488 = 533

Floor: 196/669/714 = 510

Floor Dup: 230/611/199 = 347

- Orng/brn Clayey Soil

## Wall Segment AB

- Approx. 67 feet from node B11-2.
- 2.4 foot excavation.
- Bullets found at ~ 16".
- Brn/Orng Soil w/ clay.
- XRF

Wall: 253/311/303 = 289

Floor: 55/114/82 = 84

SIGNATURE

WITNESS

DATE

DATE

2/24/14

Work continued from Page 4

## ⑤ Wall Segment AB

- Approx 80 feet from node B11-2.
- Approx 20 feet from northern excavation line.
- 6 foot excavation depth.
- Wall Soil was orng/brn Clayey Soil
- Floor Soil was grey Clayey Soil (mortar?)
- XRF

Wall: 324/291/343 = 319

Floor: 93/134/100 = 109

1650 - Leaving field trailer.1730 - Hotel

SIGNATURE

WITNESS

DATE

DATE

2/24/14

Work continued from Page 7

2-25-14

AM: PK low 20's  
PM: MK upper 20's

0800 - Left hotel

0830 - Crane field trailer.  
Picked up sampling supplies  
& enroute to Ux07.  
Stopped by T. Brent's office,  
but he was not in.

0855 - At Ux07. Excavation  
continued at BA-1. Also  
initiating excavation of  
BA-8 (NW corner).

1030 - Fueled vehicle.

1035 - NEX - pens/Sharpies

1100 - At trailer. Turned on  
drying oven so it would  
be ready for samples.

SCIENTIFICBINDERBY88YRS.COM

Work continued to Page 7

SIGNATURE  
  
WITNESS

DATE  
2/25/14  
DATE

Work continued from Page 6

1135 - Back at Ux07.  
Excavation of BA-8<sup>6</sup> should  
be complete early afternoon.

1205 - At Scale House.

1340 - Exit Scale house,  
enroute to Ux07.

1355 - Ux07. Collected  
samples from western  
portion of Subarea BA-8:  
X7-BA8-AA-SOCW001-0002  
" " 002-0203  
X7-BA8-BA-SOCW003-0002  
" " 004-0203  
X7-BA8-A-SOCF001

Water is slowly infiltrating  
the excavation.

Soil in 2-3' depth & floor  
is very rocky.

SCIENTIFICBINDERBY88YRS.COM

Work continued to Page 8

SIGNATURE  
  
WITNESS

DATE  
2/25/14  
DATE

Work continued from Page 7

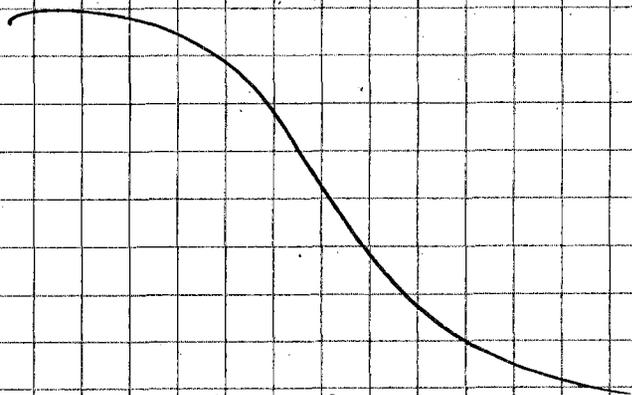
1540 - Enroute back to field trailer to process & XRF soil samples.

1805 - XRF enroute to Fed Ex w/ samples.

1815 - IG exits Crane.

1845 - At Walmart for field supplies.

1930 - Hotel.



SIGNATURE

WITNESS

DATE  
2/25/14

DATE

Work continued from Page -

2-26-14

AM: MC - 8°

PM: Clear - 16°

730 - Left hotel

810 - Crane field trailer. Met w/ T. Brent & informed him of decision to step out along wall DA of subarea B8. He agreed.

900 - At Ux0 7. Informed VHRK the need for step-out excavation along BA & A (2' down & 2' out). Area was measured off & marked w/ spray paint.

Collected samples at BA & walls BB, CA, DA, & floor of cell 8B.

Soil is frozen solid & had to chip off pieces.

Approx 6-8" of water accumulated in cell 8B (North side of cell)

SIGNATURE

WITNESS

DATE  
2/26/14

DATE

Work continued from Page 9

1050 - Back at field trailer to analyze samples collected. Had to first thaw the soil prior to homogenizing it.

1300 - Ux07. Informed VANK that need additional excavation along walls CA & DA of subarea BA-8.

Excavation of BA-8 (6A) completed. Mixed in one ton bag of Enviro blend & mixing in situ.

A spent 25-mm shell was found on the surface of BA-5 (cell 5A).

1410 - Back at field trailer running XRF on dry samples. Prepared samples for shipping. COC-002.

Work continued to Page 11

SIGNATURE

WITNESS

DATE

2/26/14

DATE

Work continued from Page 10

1600 - At Ux07. VANK excavating wall AA of BA-8 (step-out).

Initiated excavation of BA-6 (6C) which will require Enviro-blend.

Sampled the step out location of BA-8 wall AA. X7-BA8-AA-SOCW011-0002. (step-out from X7-BA8-AA-SOCW001-0002).

1700 - Back at field trailer & placed step-out sample in oven to dry.

1730 - Left field trailer enroute to Fed Ex.

1800 - Dropping off sample cooler at Fed Ex.

1815 - Hotel

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Work continued from Page -

2-27-14

AM: Clear 18°

PM: Clear 20°

7:45 - left hotel.8:20 - Arrived at field trailer.  
Analyzing samples from  
BT-8 (wall step-outs AA)  
CA, DT, ~~BT~~9:20 - At U20 7. Collecting  
step-out in BT-8 along  
walls CA & DT.10:00 - Collecting samples  
from subarea BT-7.  
found bullet 2-4" along wall CA.1:00 - At field trailer  
processing samples for XRF.  
Excavation of BT-10 complete.  
Working on BT-9.

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12:50 - At U20 7. Collecting  
samples from BT-9.14:00 - Collecting samples  
from BT-10. Began excavating  
Drainage Areas.14:50 - At field trailer  
processing samples for XRF  
analysis. \*17:50 - At enroute to Fed  
Ex w/ 6 Pb samples.19:15 - left crane19:50 - Hotel.\* Processed samples for  
Fed Ex. To be shipped on  
2-28-14.

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2-28-14

AM: Clear - 10°

PM:

0630 - Left hotel0655 - At T. Brents office  
picking up signed  
manifest copy.0715 - Scale house weighing  
in trucks.1300 - Leaving scale house.  
Car wash.1315 - Demobilize

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3-4-14

AM: Clear 10°

PM: Clear upper 20's

0745 - Left hotel enroute to  
VSA Crane.0755 - Walmart for supplies.0850 - VSA Crane field  
trailer. Oven had gone out  
& samples still moist.0915 - Scale house w/ K.  
Loselamp.0935 - U20 7. Collecting  
samples

X7-DA1-A-SocLT-001

X7-BAB-DA-SocW017-0002

X7-BAB-DA-SocW018-0203

X7-BAB-CA-SocW019-0002

X7-BAB-DA-SocW014-0002

X7-BAB-DA-SocW015-0204

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X7-BAS-DA-SOCW016-0405  
 X7-BAS-ET-SOCW017-0305  
 X7-BAS-FA-SOCW018-0002  
 X7-BAS-FA-SOCW019-0209  
 X7-BAS-FA-SOCW020-0405  
 X7-BAS-A-SOCF001

Floor samples are all very wet & very rocky.

1235 - Back at field trailer processing samples & analyzing w/ XRF.

Shipped 19 samples for Pb analysis.

1810 - Traveled to U207 to assess situation & take some pics.

Excavation has been started at East Trap Range (Subarea ETR-B & ETR-5)

1835 - Left Crane / Fuel

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3-5-14

AM: Clear ~20°

PM: PC upper 30's

0830 - left hotel enroute to Menard's for field supplies.

0835 - Menard's

0910 - Crane field trailer. Clean up.

1015 - At U207. Walk around w/ T. Brent & Peter Ramanesku (EPA). Marked additional excavation areas. Walked sites w/ Rick Tetman who is the excavator operator for VA Metals. He asked that I copy him on additional excavation details I send out daily. Collected new sample from floor of Subarea BA-B.

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1220 - Stopped at Crane scale house.

1245 - At field trailer processing sample (BT-5).

1320 - Back at U20 7. Talked to Tom & Pete. They would like to see XRF process.

1340 - At trailer showing XRF process to Tom & Pete.

1410 - At U20 7 collecting samples from ETR-4 & ETR-5. Several pieces of dry target remnants on floor of ETR-5. Can't determine if from surface or not.  
Collected:

- 1530 X7-ETR5-AA-SOLW001-002
- " " BT- " 002- "
- " " CA " 003- "
- " " DA " 004- "
- " " A-SOLF001

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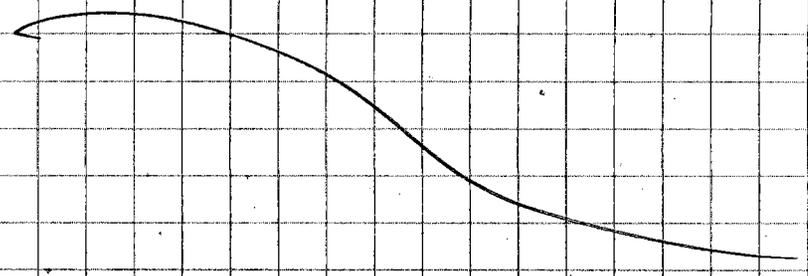
- X7-ETR4-AA-SOLW001-0001
- " " BT- " 002- "
- " " CA- " 003- "
- " " A-SOLF001

A few ~~pieces~~ pieces of target remnants on floor.

1530 - Back at trailer analyzing BT-5 floor sample w/ XRF & prepping PTH samples for shipping.

1650 - Exit Crane.

1715 - At hotel.



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3/5/14

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3-6-14

AM: PC - 20°

PM: PC - 45°

0745 - Left hotel.0800 - Field trailer. Updating Daily Summary Table.0950 - Pre-start meeting for Swmu 17.1130 - To Ux0 7. They are mixing Enciroblend in Subarea 5. No sample areas available.1200 - Bedford for field supplies.1500 - Field trailer jarring samples from Dt. 1 & Dt. 2. Preparing sample cooler.

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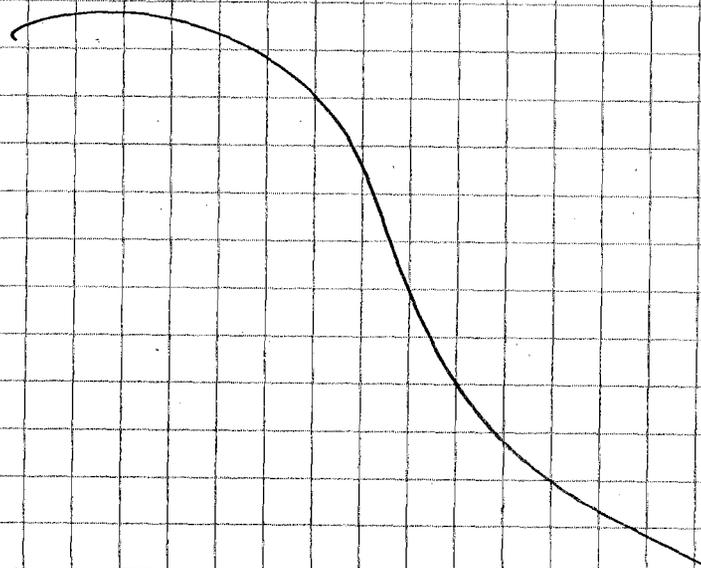
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1530 - Leave Crane enroute to Field Pt.1910 - Field Pt.1915 - Hotel.

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3/6/14

Work continued from Page -

AM: PC 20's  
 PM: PC upper 50's

0615 - Mobilized from PGH.

1400 - Hotel enroute to Crane.

1435 - Arrive at field trailer.  
 AL had collected samples at BT-5. Processing samples & analyzing via XRF.

- BT-6 TCLP results back from EMAC. Northern portion "clear" while southern portion is "hot."

Several bullets observed in wall CA of BT-5 in the O-2 sample area.

1800 - Exit Crane.

1830 - Hotel.

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Work continued to Page -

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3-11-14

AM: Clear Upper 30's  
 PM: PC low 70's

0745 - Left hotel.

0820 - Arrived at field trailer. Analyzing samples w/ XRF. Processing those samples for shipping.

1150 - At UxO 7. Work is being done at BT-6 where the southern portion is being re-mixed.

Collected step out samples in sub-areas BT-7 (wall BT) & BT-8 (walls CA & DT). Several bullets observed in wall CA (southern half) & wall DT.

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1400 - Returned to Ux07.  
Collected samples in  
BA-5 (wall FA) which had  
several bullets in the face  
of the wall.

Noticed bullets in  
Subarea BA-4 (wall CA).  
Test pit dug in area  
between BA-5 (DA) & BA-4 (CA).  
Bullets & fragments observed  
in excavated soil & embedded  
in walls. Recommending  
entire area to be dug up.

Samples collected in  
Subarea BA-5 (walls GA &  
GB).

Samples collected in Subarea  
BA-6 (walls CB/BA/BB).

Also collected samples from  
exposed floor of BA-6 in

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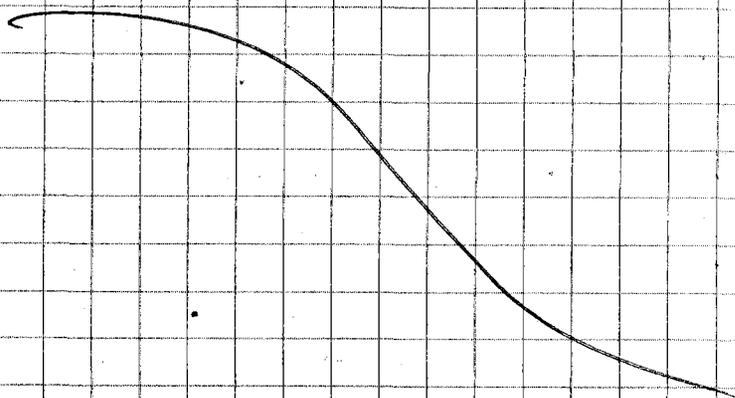
Work continued from Page 24

cell 6C & 6D. These are  
just informative samples  
& will not be used in  
decision making.

1545 - Returned to field  
trailer & processed samples  
for XRF. Ran a few XRF  
analyses.

1720 - Exited Crm.

1800 - Arrived at hotel.



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Work continued from Page -

3-12-14

Am. Cold / Raining ~ 30°  
 Pm. MC upper 30's

0745 - Left hotel.

0810 - Arrived at Crane field trailer. Analyzing samples for XRF. T. Brent stopped by to discuss the site.

0830 - Enroute to Ux0 7. Completed a site walk w/ T. Brent. Backfilling w/ sand has begun in Subarea BA-5 & BA-8.

0950 - Back at field trailer finishing XRF analyses. The EMAR is running trucks for hauling soil.

Updated Summary tables. Tom B stopped by to discuss site & options for additional

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excavations.

1245 - Returned to Ux0 7 to collect soil samples from wall DA (0-2) in Subarea BA-5. Since bullets/fragments only observed in a portion of the DA wall in Subarea BA-5. The wall was divided into a northern (60%) & southern (40%) sections w/ a composite sample collected from each portion. Unfortunately both portions were above 400 ppm.

Excavation in northern portion of ETR nearly completed.

1400 - Back at trailer processing samples.

1530-1630 - Telecon for Summary 21 & 23.

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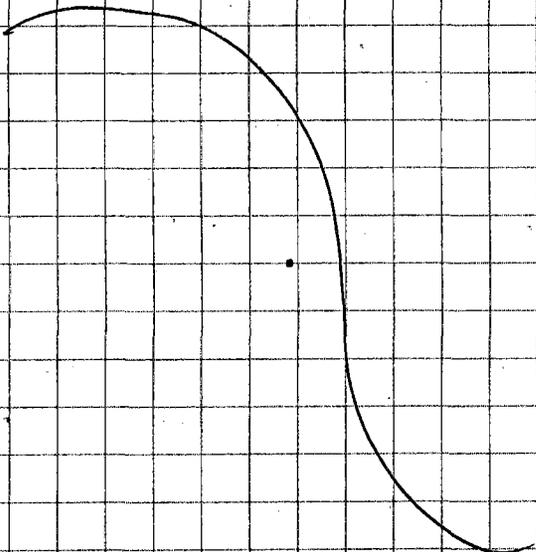
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1710 - Exited Crane around to Fed Ex.

1740 - Fed Ex

1750 - Hotel



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Work continued from Page - 3-13-14

AM: Clear/Cold low 20's  
PM: MS - low 40's

0736 - Left hotel.

0805 - Arrived at Crane field trailer. Completing COCs in preparation for planned sampling.

0920 - At Ux07 collecting samples at ETR.

Collected samples at ETR-6.

Measurements the excavation was moved south away from drainage ditch near ETR-6 & ETR-3.

Node ETR6-1	10"	} measurements were shared w/ VHX (Joel)
" ETR7-1	8'6"	
" ETR7-2	8'6"	
" ETR6-2	7'6"	

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Observations at ETR-6:

- Sandy soil down to ~16" along walls BA & CA.
- Skeet fragments observed in walls & floor.
- Larger pipe of clay target on excavation floor in ETR-6 along wall DA.

1045 - Enroute to field trailer for labels, jars, & baggies.

1130 - Back at UX07.  
Pics of ETR-6 (624/625/626).

Collecting samples from:

- ETR-1, 2, & 3

Floor of entire ETR-3 under at least 6" of water.

Skeet fragments observed in most excavations

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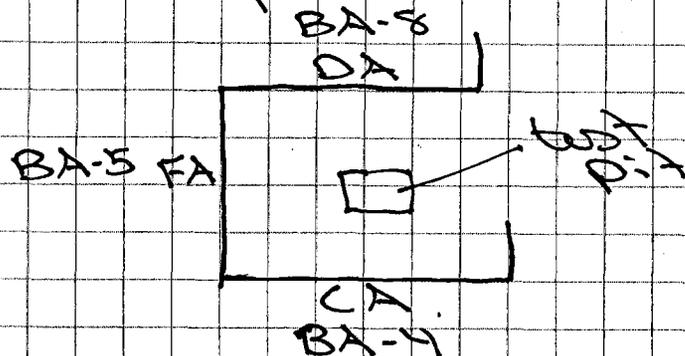
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30

K1 collecting TCLP sample at BA. Walls DA (BA-8), FA (BA-5), CA (BA-4), & test pit on peninsula



All excavated soil from ETR-6 & 7 hauled off-site.

Initiated excavation of WTR.

1500 - Returned to field trailer. Processing samples for shipping. Shipped 34 PAHs & 1 TCLP.

1725 - Left Base

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3-14-14

Am: PC low 20's.

745 - Left hotel.820 - Arrived at field trailer.  
Picked up sampling supplies.845 - Fuel at NEX.900 - Ux07. Collecting  
samples from ETR-6/7.  
Only remaining excavation  
is the 4-6' interval of  
ETR-7.Joel (VANK) indicated TCLP  
samples from the two large  
soil piles in BA-1 came  
back clean. Will haul on  
Monday.1005 - Marked subarea DA-1,  
wall CA for additional  
excavation.

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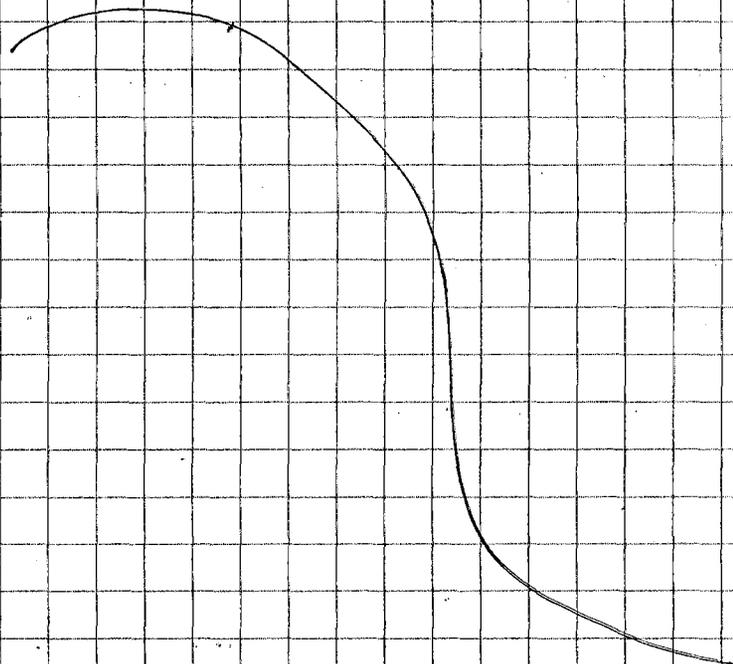
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1020 - Back at field trailer  
processing samples.1120 - Exited camp enroute  
to Fed Ex.1150 - Car wash1205 - Fed Ex.

SCIENTIFIC BINDER SYSTEMS.COM

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WITNESS

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3-17-14

Am: C low 20's

Pm: PC low 40's

0645 - Left hotel.0720 - Field trailer.0725 - met w/ T. Brent.  
Copies of manifests.0740 - Arrived at scale house.0815 - First truck arrived.1330 - Left the scale house.  
- 24 trucks (WTR)  
- Enroute field trailer  
for sample supplies.1430 - Back at Ux0 7.  
Collecting all samples at  
WTR.1730 - Returned to field  
trailer to drop off samples.  
put them on ice.

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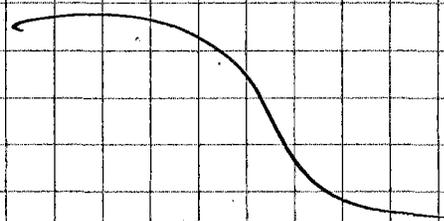
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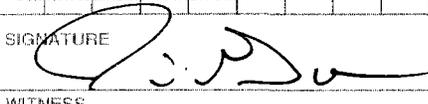
Work continued from Page

34\* It should be noted  
that steel fragments were  
observed in nearly all of  
the 1-foot excavations.  
Not the case for the 2-foot  
excavations.\* Steel fragments observed  
in the northern half of  
Wall GA at WTR.All soil removed from WTR.  
Placed in Berm Area on  
plastic.1800 - Exited Crane.1840 - Hotel.

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3/17/14

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- 3-18-140715 - Enroute to Crane.0755 - Arrived at field trailer. Met w/ Tom Brent & discussed days activities.0810 - Going over Summit w/ K. Weichard. Surveyor's on site. Going over locations. Took train & surveyor's to Summit.1000-1200 - Processing WTR samples for shipping.1245 - At Ux0 7 collecting samples at DT-1 wall (A, BA-2 (Floor), & ETR-1 (Floor at 4-ft)).1350 - Back at trailer, processing samples.

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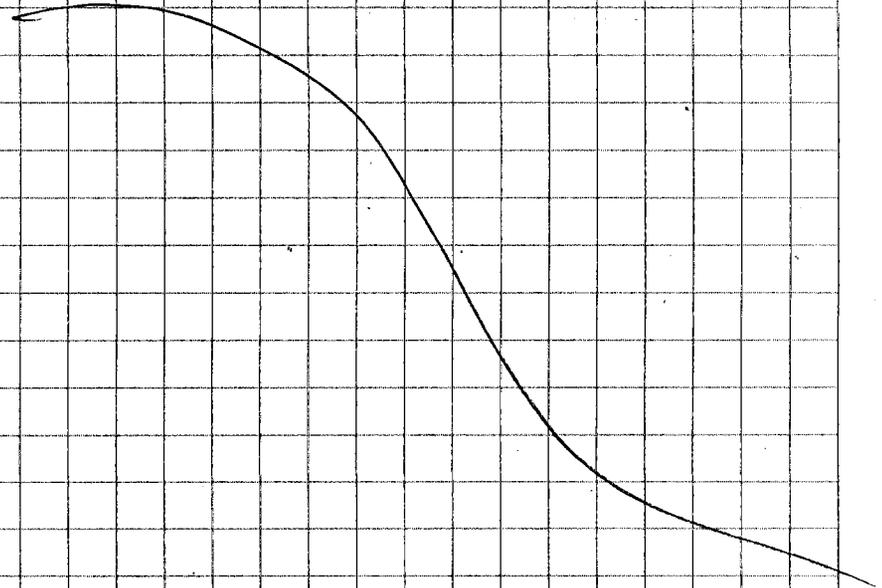
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Ran DT-1 &amp; BA-2 samples under XRF.

Shipped 64 samples to FBI.

1700 - Exit Crane1735 - HotelAm: Cloudy upper 20's  
Pm: Clear low 50's

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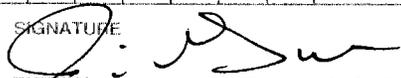
Work continued from Page

3-19-14

815 - Left hotel.850 - Arrived at Crane trailer. Loaded all Formu Ux07 soil samples for disposal at Ux07. Enroute to Ux07.910 - Stopped for fuel at VEX.935 - Arrived at Ux07 & disposed of soil on spoils pile. Collected samples from Test Pits B & C. No bullets/fragments observed in either soil pile. - Numerous bullets observed in subarea BA-6.1045 - Back at field trailer. Analyzing samples w/ XRF.1130 - Running acetate liners down to K. Weichert at Sumu 21.

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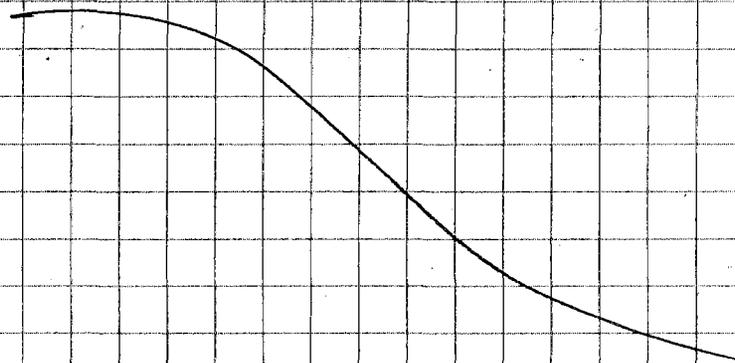


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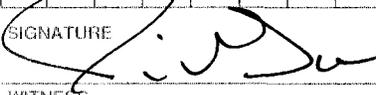
DATE

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1215 - At Ux07. Collecting samples at Subarea BA-6. AA/AB/CA.1320 - Sampling BA-4.1425 - At field trailer analyzing samples.1600-1700 - Sumu 21 conf. call.1700 - Left Crane.1735 - Hotel

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WITNESS



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3-20-14

AM: Clear mid 20's  
 PM: Clear low 50's

0745 - Left hotel.

0820 - Crane Field trailer.  
 Assisted K. Weichard w/  
 dropping off vehicle while  
 sampling creek from  
 Swamp 21.

0900 - At Ux07. Collected  
 step out samples from BA-5  
 BA-8, and BA-4.

1045 - Field trailer. Analyzing  
 samples.

1345 - Back at Ux07.  
 collecting samples from  
 BA-6 & BA-1.

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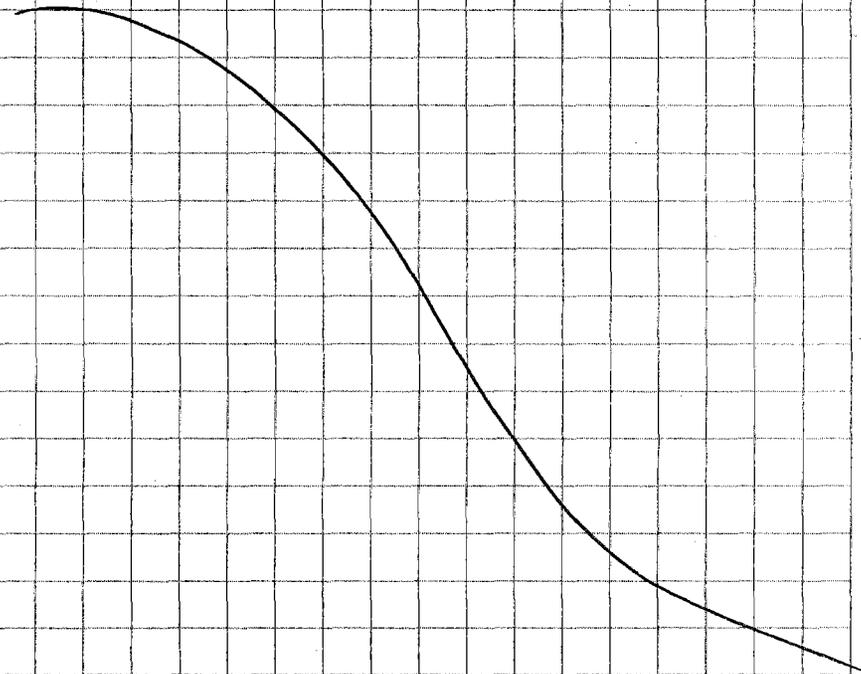
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1530 - Field trailer. Processing  
 samples & XRF.

1720 - Exit Crane1755 - Hotel

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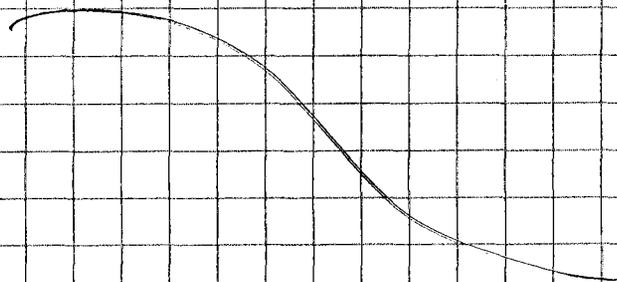
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3-21-14710 - Leave hotel740 - Field trailer  
Processing samples. Clearing  
trailer.1130 - Fuel at VEX.1215 - Exit Crane.1245 - Car wash1305 - Fuel Ex1315 - Enroute to PGH.

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3-25-14

AM: Cold, Cloudy, mid 20's  
PM: MC, windy, mid 30's

715 - left hotel in Richmond,  
TX.945 - Arrived at Crane Field  
Trailer. KL had collected  
step out samples at WTR  
which I processed.

X1 - WTR1 - EA - SOCW015 - 0001

X1 - WTR1 - GA - SOCW016 - 0001

X1 - WTR1 - HA - SOCW017 - 0001

X1 - WTR1 - HB - SOCW018 - 0001

1150 - Arrived at Ux07 to  
assess current situation.1230 - Field trailer getting  
supplies.1310 - Back at Ux07 marking  
step-out locations at

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BA-8, BA-4, &amp; BA-6.

Excavated soil will be placed into separate piles. One pile to consist of step-outs to be XRF read less than 800 ppm & the other pile to consist of step-outs to be XRF readings greater than 800 ppm.

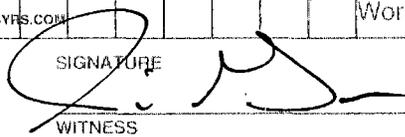
1530 - with KL calculating step-out quantities.

1645 - At Ux07 measuring ETR areas.

1730 - Exit Crum.

1805 - Hotel.

SIGNATURE



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3-26-14

AM: Cold/Clear 16°  
PM: Clear low 40's

0800 - Left hotel.

0805 - At Walmart for field supplies.

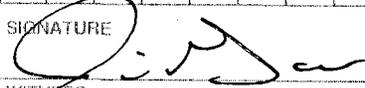
0915 - Arrived at Crum (Ux07). Excavation of Siberia BA-1 is ongoing... nearly complete.

1030 - Field trailer assisting K. Weichert w/ samples.

1200 - Back at Ux07 marking out BA-1 walls.

1300 - Began collecting samples at BA-1. Bullets/Casings observed in NE & Eastern walls (XD/BA). No bullets observed on excavation floor.

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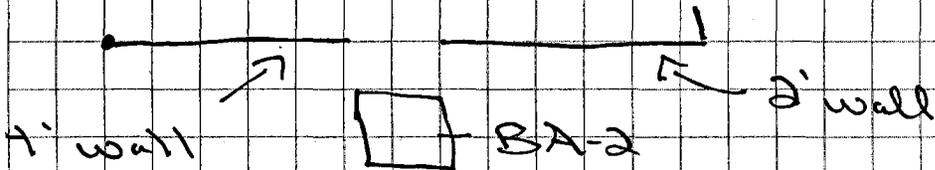
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Portion of wall CA was removed when excavating step-out wall AA from BT-2. Also, western portion of wall BT-1 CA was ~4' so 0-2 & 2-4 samples collected in that segment

wall CA (BT-1)



1530 - Back at field trailer processing samples for oven.

1630 - AA Summary 23.

1700 - Back at U207. Collecting step-down samples at BT-6. Since floor-cell 6A was not excavated further, so two walls (2-4') were created.

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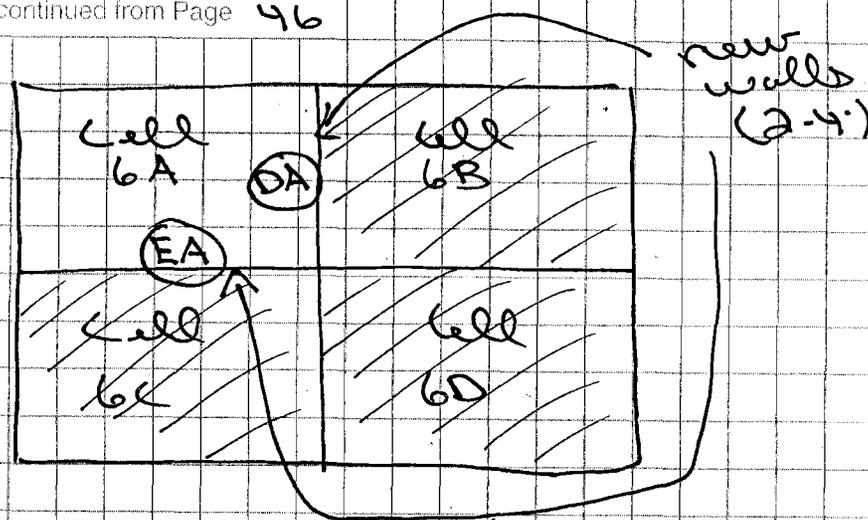
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Additional 2-foot excavations in cells B, C, and D.

New floor samples:  
~~F005 (B) - former cell B~~  
~~F006 (D) - " " C~~  
~~F007 (E) - " " D~~

1745 - Back at field trailer processing BT-6 samples. Ran XRF on 6 processed samples. All readings were less than 60 ppm.

1845 - Exit Crane.

SIGNATURE

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DATE

DATE

*[Handwritten Signature]*

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3-27-14

Am. Cloudy mid 20's  
 Cloudy mid 50's

0800 - Left hotel.0835 - Field trailer. Processing & analyzing samples collected previous day.1045 - Fuel at VEX.1050 - Phone call w/ Rick Barringer. Agreed step-out at BT-1 should be 1. feet.1105 - At Ux0 7. Marking step-outs at BT-1. Collected samples at BT-4, BT-6, & BT-8. Backfilling is ongoing.1310 - Back at field trailer.

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Processing & analyzing sample.  
 Prepping for shipping.

1600 - 1830 - Assisting w/ sample processing for Summit AI.1830 - Exit Cran.1910 - Hotel.

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0730 - Exit hotel0805 - Crane field trailer  
Analyzing samples via  
XRF.- Processing samples for  
shipping to FBI.

Step-outs still required

BA-4

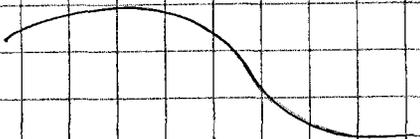
Walls DA &amp; EA (2-4')

BA-6

Walls AA &amp; AB (0-2')

BA-1

Walls AC &amp; AD (0-2')

1130 - Exit Crane

SIGNATURE

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4-15-140600 - Left hotel.0640 - Arrive at Crane Scale  
house.0720 - First trucks begin to  
arrive. 8 trucks total at  
a time.0830 - Last truck out of  
Scale house.0910 - U207 marking step  
out walls (CA/DA/EA) in  
Subarea 4. Had the top  
2 feet removed from CA.1030 - Back at scale house.

AM: Clear/cold - low 30's

PM: Clear - upper 30's

1210 - U207 checking on status.

SIGNATURE

WITNESS

DATE

4/15/14

DATE

Work continued from Page 51

1410 - Crane trailer. Discussion w/ T. Brent. Opened XAF & set it up. Sampling supplies.

1525 - At Ux0 7 to collect step-out samples in BA-4 (Walls CA/DA/EA).

Final step-out (1.2') along BA-4 wall CA was a composite sample (2 aliquots) w/ XRF reading of 950 ppm. Stepped back 4.50 ppm. & Beet (119).

Since the 3 walls are all kind of running together, they are going to be treated as one big area

1820 - Finished sampling @ Ux0 7.

1835 - Field trailer - samples

1915 - Exit Crane.

SIGNATURE

*[Signature]*

WITNESS

DATE

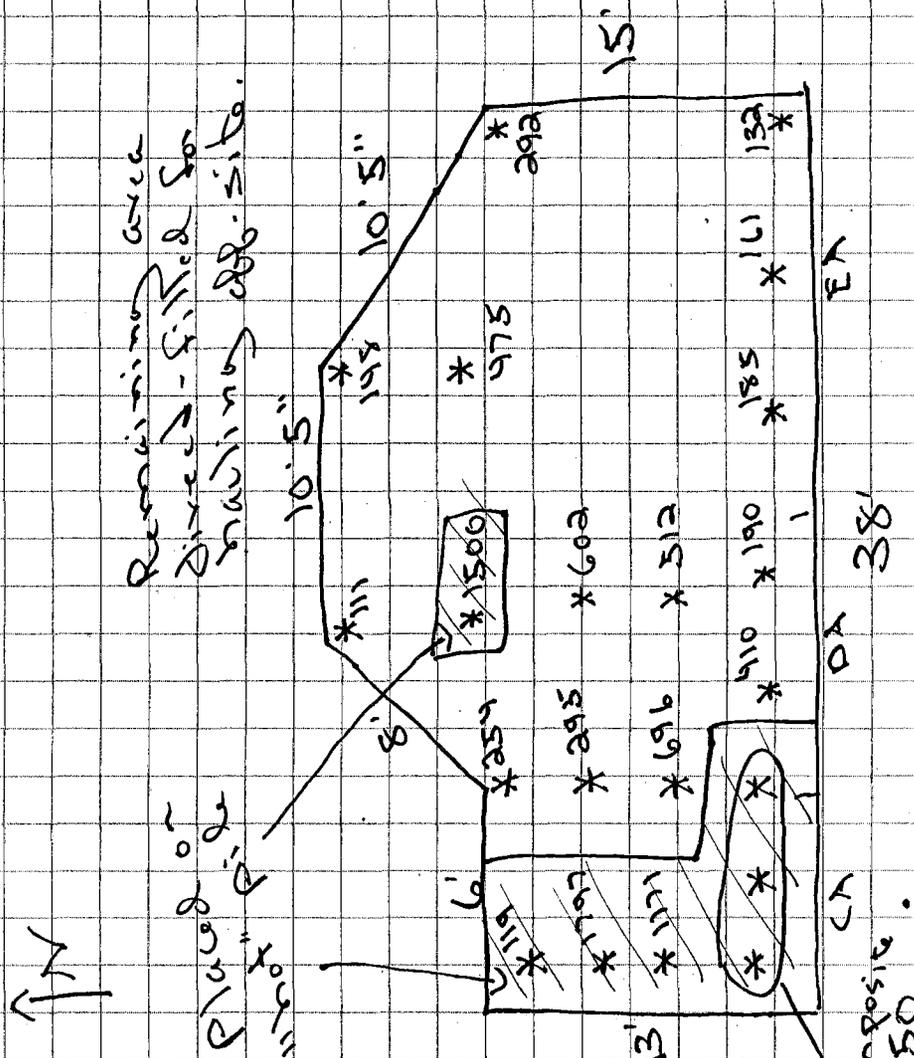
4/15/14

DATE

Work continued to Page 53

Work continued from Page 52

Requisition card  
Directly-filled for  
fracturing 888-site.



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Work continued to Page 1

SIGNATURE

*[Signature]*

WITNESS

DATE

4/15/14

DATE

Work continued from Page -

4-16-14

AM Clear/Cold low 30's  
PM PC

0615 - Enroute to Crane

0645 - Field trailer. Turned  
on over.

0655 - Scale house. First  
truck arrived @ 0710.

0850 - Back at field trailer.  
Stopped by Tom's office  
to discuss stop-outs. He  
suggested adding individual  
"wall" of CA to be added to  
"hot" pile.

0910 - Left v. message for  
Paul regarding soil excavation.  
Enroute to site.  
At site to speak w/ Dick.  
Told that he had the  
length of well CA to "hot"  
pile. He had not yet started

Work continued to Page 55

SIGNATURE

WITNESS

DATE

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4/16/14

Work continued from Page 54

excavating this area.

1030 - Back at Scale house.

1200 - Last truck exits Scale  
house. Enroute to Ux07 to  
check on site progress.

1330 - Returned to Scale house  
as 3 trucks are making the  
turn for another round.

1500 - Last truck exits the  
Scale house.

1530 - At Ux07 collecting  
a composite floor sample  
from the newly excavated  
BA-4/BA-1 subareas.

1600 - Returned to Field Trailer  
to run XRF on dry samples.

1715 - Exit Crane.

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Work continued to Page -

SIGNATURE

WITNESS

DATE

DATE

J. Dur

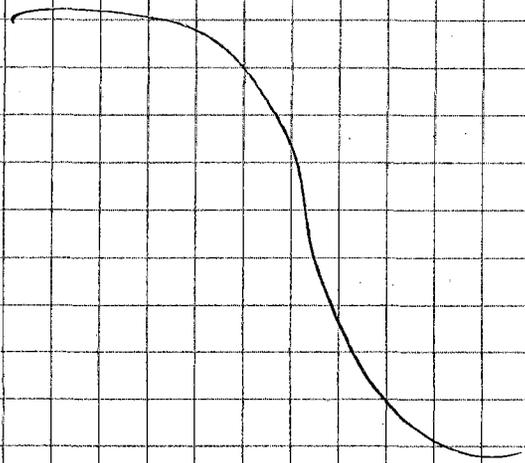
4/16/14

Work continued from Page -

4-17-14

0745 - Menards field supplies  
0910 Arrived at Crane  
field trailer. Processing  
samples for shipping via  
Fed Ex. Air Bill 8093 3353 9983.  
Called Fed Ex for pick up  
at B-3245.

1300 - Completing work at  
Swine 23 remainder of day.



Work continued to Page -

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*[Signature]*  
WITNESS

DATE  
4/17/14  
DATE

Work continued from Page -

4-18-14

- 0810 - Arrive at Crane  
field trailer. Processing  
Swine 23 samples for  
shipping.

1010 - Fuel at VEX.

1030 - U207. Top soil  
being brought on site &  
spread over excavation &  
areas. Approx 300-350 lbs  
Hib (soil matrix) remains at  
Hib (soil matrix) for disposal.  
Place their final LPH to  
in the same area as the  
soil stock piles so it would  
cut down on the amount  
of soil sampling required  
by the techs.

Remainder of day spent at  
Swine 23 & traveling back to  
PGH.

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Work continued to Page -

SIGNATURE  
*[Signature]*  
WITNESS

DATE  
4/18/14  
DATE

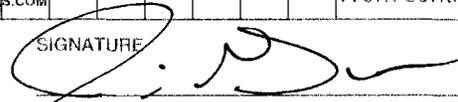
Work continued from Page 1

April 22.

Setting out camp on site  
digging trenches over site  
collecting soil removal to  
digging samples under  
ditching soil areas  
ditching area.

Work continued to Page 1

SIGNATURE



WITNESS

DATE

4/22/14

DATE

Work continued from Page

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Work continued to Page

SIGNATURE

DATE

WITNESS

DATE



Project Site Name: NSA Crane - UXO 7  
Project No.: 112IG05608

Sample ID No.: X7-BA1-AA-SOCW001-0002  
Sample Location: Subarea BA-1 AA Wall  
Sampled By: Goerd/Losekamp  
C.O.C. No.: 032014-024

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/20/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1600	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

**MAP:**

**Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

Signature(s): \_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA1-AA-SOCW002-0204  
 Sample Location: Subarea BA-1 AA Wall  
 Sampled By: \_\_\_\_\_  
 C.O.C. No.: \_\_\_\_\_

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:			
Method: Trowel			
Wall Sample: <input checked="" type="checkbox"/>			
Floor Sample:			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	No	
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

\_\_\_\_\_  
 No sample required. Excavation only to 2-feet  
 \_\_\_\_\_

**MAP:**

\_\_\_\_\_  
 \_\_\_\_\_

**Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

**Signature(s):**

\_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA1-AA-SOCW003-0406  
 Sample Location: Subarea BA-1 AA Wall  
 Sampled By: \_\_\_\_\_  
 C.O.C. No.: \_\_\_\_\_

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:			
Method: Trowel			
Wall Sample: <input checked="" type="checkbox"/>			
Floor Sample:			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	No	
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

\_\_\_\_\_  
 No sample required. Excavation only to 2-feet  
 \_\_\_\_\_

**MAP:**

\_\_\_\_\_  
 \_\_\_\_\_

**Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

**Signature(s):**

\_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA1-AB-SOCW004-0002  
 Sample Location: Subarea BA-1 AB Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-027

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/26/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1330	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD	Duplicate ID No.:
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# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA1-AB-SOCW005-0204  
 Sample Location: Subarea BA-1 AB Wall  
 Sampled By: \_\_\_\_\_  
 C.O.C. No.: \_\_\_\_\_

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:			
Method: Trowel			
Wall Sample: <input checked="" type="checkbox"/>			
Floor Sample:			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	No	
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

\_\_\_\_\_  
 No sample required. Excavation only to 2-feet  
 \_\_\_\_\_

**MAP:**

\_\_\_\_\_  
 \_\_\_\_\_

**Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

**Signature(s):**

\_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA1-AB-SOCW006-0406  
 Sample Location: Subarea BA-1 AB Wall  
 Sampled By: \_\_\_\_\_  
 C.O.C. No.: \_\_\_\_\_

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:			
Method: Trowel			
Wall Sample: <input checked="" type="checkbox"/>			
Floor Sample:			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	No	
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

\_\_\_\_\_  
 No sample required. Excavation only to 2-feet  
 \_\_\_\_\_

**MAP:**

\_\_\_\_\_  
 \_\_\_\_\_

**Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

**Signature(s):**

\_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA1-AC-SOCW007-0002  
 Sample Location: Subarea BA-1 AC Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-002

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
3/26/2014	0-2'		
Time:			
Method: Trowel			
Wall Sample: X			
Floor Sample:			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:****MAP:****Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

Signature(s): \_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA1-AC-SOCW008-0204  
 Sample Location: Subarea AC-1 AC Wall  
 Sampled By: \_\_\_\_\_  
 C.O.C. No.: \_\_\_\_\_

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:			
Method: Trowel			
Wall Sample: <input checked="" type="checkbox"/>			
Floor Sample:			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	No	
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

No sample required. Excavation only to 2-feet

**MAP:**

\_\_\_\_\_

**Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

**Signature(s):**

\_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA1-AC-SOCW009-0406  
 Sample Location: Subarea AC-1 AC Wall  
 Sampled By: \_\_\_\_\_  
 C.O.C. No.: \_\_\_\_\_

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:			
Method: Trowel			
Wall Sample: <input checked="" type="checkbox"/>			
Floor Sample:			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	No	
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

\_\_\_\_\_  
 No sample required. Excavation only to 2-feet  
 \_\_\_\_\_

**MAP:**

\_\_\_\_\_  
 \_\_\_\_\_

**Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

**Signature(s):**

\_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA1-AC-SOCW036-0002  
 Sample Location: Subarea BA-1 AC Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-029

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/31/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1600	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA1-AD-SOCW035-0002  
 Sample Location: Subarea BA-1 AD Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-029

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/31/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1305	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA6-AB-SOCW015-0002  
 Sample Location: Subarea BA-6 AB Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-029

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/31/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1235	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD	Duplicate ID No.:
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# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA4-DA-SOCW014-0204  
 Sample Location: Subarea BA-4 DA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-029

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/31/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1240	2-4		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA1-AD-SOCW010-0002  
 Sample Location: Subarea BA-1 AD Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-002

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/26/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	850	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA1-AD-SOCW011-0204  
 Sample Location: Subarea BA-1 AD Wall  
 Sampled By: \_\_\_\_\_  
 C.O.C. No.: \_\_\_\_\_

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:			
Method: Trowel			
Wall Sample: <input checked="" type="checkbox"/>			
Floor Sample:			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	No	
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

\_\_\_\_\_  
 No sample required. Excavation only to 2-feet  
 \_\_\_\_\_

**MAP:**

\_\_\_\_\_  
 \_\_\_\_\_

**Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

Signature(s): \_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA1-AD-SOCW012-0406  
 Sample Location: Subarea BA-1 AD Wall  
 Sampled By: \_\_\_\_\_  
 C.O.C. No.: \_\_\_\_\_

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	0-2'		
Method: Trowel			
Wall Sample: <input checked="" type="checkbox"/>			
Floor Sample:			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	No	
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

\_\_\_\_\_  
 No sample required. Excavation only to 2-feet  
 \_\_\_\_\_

**MAP:**

\_\_\_\_\_  
 \_\_\_\_\_

**Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

Signature(s): \_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA1-BA-SOCW013-0002  
 Sample Location: Subarea BA-1 BA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-002

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/26/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	850	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA1-BA-SOCW014-0204  
 Sample Location: Subarea BA-1 BA Wall  
 Sampled By: \_\_\_\_\_  
 C.O.C. No.: \_\_\_\_\_

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:			
Method: Trowel			
Wall Sample: <input checked="" type="checkbox"/>			
Floor Sample:			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	No	
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

\_\_\_\_\_  
 No sample required. Excavation only to 2-feet  
 \_\_\_\_\_

**MAP:**

\_\_\_\_\_

**Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

Signature(s): \_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA1-BA-SOCW015-0406  
 Sample Location: Subarea BA-1 BA Wall  
 Sampled By: \_\_\_\_\_  
 C.O.C. No.: \_\_\_\_\_

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:			
Method: Trowel			
Wall Sample: <input checked="" type="checkbox"/>			
Floor Sample:			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	No	
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

\_\_\_\_\_  
 No sample required. Excavation only to 2-feet  
 \_\_\_\_\_

**MAP:**

\_\_\_\_\_  
 \_\_\_\_\_

**Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

Signature(s): \_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA1-CA-SOCW016-0002  
 Sample Location: Subarea BA-1 CA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-002

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/26/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	850	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD	Duplicate ID No.:
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# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA1-CA-SOCW017-0204  
 Sample Location: Subarea BA-1 CA Wall  
 Sampled By: \_\_\_\_\_  
 C.O.C. No.: \_\_\_\_\_

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:			
Method: Trowel			
Wall Sample: <input checked="" type="checkbox"/>			
Floor Sample:			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	No	
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

\_\_\_\_\_  
 No sample required. Excavation only to 2-feet  
 \_\_\_\_\_

**MAP:**

\_\_\_\_\_  
 \_\_\_\_\_

**Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

**Signature(s):**

\_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA1-CA-SOCW018-0406  
 Sample Location: Subarea BA-1 CA Wall  
 Sampled By: \_\_\_\_\_  
 C.O.C. No.: \_\_\_\_\_

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:			
Method: Trowel			
Wall Sample: <input checked="" type="checkbox"/>			
Floor Sample:			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	No	
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

\_\_\_\_\_  
 No sample required. Excavation only to 2-feet  
 \_\_\_\_\_

**MAP:**

\_\_\_\_\_  
 \_\_\_\_\_

**Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

**Signature(s):**

\_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA1-CB-SOCW019-0002  
 Sample Location: Subarea BA-1 CB Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-002

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/26/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	850	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA1-CB-SOCW020-0204  
 Sample Location: Subarea BA-1 CB Wall  
 Sampled By: \_\_\_\_\_  
 C.O.C. No.: \_\_\_\_\_

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:			
Method: Trowel			
Wall Sample: <input checked="" type="checkbox"/>			
Floor Sample:			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	No	
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

\_\_\_\_\_  
 No sample required. Excavation only to 2-feet  
 \_\_\_\_\_

**MAP:**

\_\_\_\_\_  
 \_\_\_\_\_

**Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

Signature(s): \_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA1-CB-SOCW021-0406  
 Sample Location: Subarea BA-1 CB Wall  
 Sampled By: \_\_\_\_\_  
 C.O.C. No.: \_\_\_\_\_

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:			
Method: Trowel			
Wall Sample: <input checked="" type="checkbox"/>			
Floor Sample:			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	No	
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

\_\_\_\_\_  
 No sample required. Excavation only to 2-feet  
 \_\_\_\_\_

**MAP:**

\_\_\_\_\_  
 \_\_\_\_\_

**Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

Signature(s): \_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA1-DA-SOCW022-0002  
 Sample Location: Subarea BA-1 DA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-027

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/26/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1405	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA1-DA-SOCW023-0204  
 Sample Location: Subarea BA-1 DA Wall  
 Sampled By: \_\_\_\_\_  
 C.O.C. No.: \_\_\_\_\_

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:			
Method: Trowel			
Wall Sample: <input checked="" type="checkbox"/>			
Floor Sample:			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	No	
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

\_\_\_\_\_  
 No sample required. Excavation only to 2-feet  
 \_\_\_\_\_

**MAP:**

\_\_\_\_\_  
 \_\_\_\_\_

**Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

Signature(s): \_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA1-DA-SOCW024-0406  
 Sample Location: Subarea BA-1 DA Wall  
 Sampled By: \_\_\_\_\_  
 C.O.C. No.: \_\_\_\_\_

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:			
Method: Trowel			
Wall Sample: <input checked="" type="checkbox"/>			
Floor Sample:			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	No	
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

\_\_\_\_\_  
 No sample required. Excavation only to 2-feet  
 \_\_\_\_\_

**MAP:**

\_\_\_\_\_  
 \_\_\_\_\_

**Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

Signature(s): \_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA1-DB-SOCW025-0002  
 Sample Location: Subarea BA-1 DB Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-027

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/26/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1415	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



### SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA1-DB-SOCW026-0204  
 Sample Location: Subarea BA-1 DB Wall  
 Sampled By: \_\_\_\_\_  
 C.O.C. No.: \_\_\_\_\_

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:			
Method: Trowel			
Wall Sample: <input checked="" type="checkbox"/>			
Floor Sample:			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	No	
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

\_\_\_\_\_  
 No sample required. Excavation only to 2-feet  
 \_\_\_\_\_

**MAP:**

\_\_\_\_\_  
 \_\_\_\_\_

**Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

**Signature(s):**

\_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA1-DB-SOCW027-0406  
 Sample Location: Subarea BA-1 DB Wall  
 Sampled By: \_\_\_\_\_  
 C.O.C. No.: \_\_\_\_\_

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:			
Method: Trowel			
Wall Sample: <input checked="" type="checkbox"/>			
Floor Sample:			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	No	
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

\_\_\_\_\_  
 No sample required. Excavation only to 2-feet  
 \_\_\_\_\_

**MAP:**

\_\_\_\_\_  
 \_\_\_\_\_

**Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

**Signature(s):**

\_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA1-EA-SOCW028-0406  
 Sample Location: Subarea BA-1 EA Wall  
 Sampled By: \_\_\_\_\_  
 C.O.C. No.: \_\_\_\_\_

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:			
Method: Trowel			
Wall Sample: <input checked="" type="checkbox"/>			
Floor Sample:			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	No	
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

\_\_\_\_\_  
 No sample required. Wall removed with BA-4  
 \_\_\_\_\_  
 \_\_\_\_\_

**MAP:**

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

**Signature(s):**

\_\_\_\_\_  
 \_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA1-FA-SOCW029-0002  
 Sample Location: Subarea BA-1 FA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-024

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/20/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1510	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA1-FA-SOCW030-0204  
 Sample Location: Subarea BA-1 FA Wall  
 Sampled By: \_\_\_\_\_  
 C.O.C. No.: \_\_\_\_\_

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:			
Method: Trowel			
Wall Sample: <input checked="" type="checkbox"/>			
Floor Sample:			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	No	
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

Excavation only to 2-feet

**MAP:**

\_\_\_\_\_

**Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

**Signature(s):**

\_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA1-FA-SOCW031-0406  
 Sample Location: Subarea BA-1 FA Wall  
 Sampled By: \_\_\_\_\_  
 C.O.C. No.: \_\_\_\_\_

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:			
Method: Trowel			
Wall Sample: <input checked="" type="checkbox"/>			
Floor Sample:			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	No	
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

Excavation only to 2-feet

**MAP:**

\_\_\_\_\_

**Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

**Signature(s):**

\_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA1-BA-SOCW032-0002  
 Sample Location: Subarea BA-1 BA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-028

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/27/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1540	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Preservative	Container Requirement	Collected?	Shipped?
Pb		(1) 4 oz jar	X	X
PAHs		(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



Tetra Tech, Inc.

# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
Project No.: 112IG05608

Sample ID No.: X7-BA1-CA-SOCW033-0002  
Sample Location: Subarea BA-1 CA Wall  
Sampled By: Goerd/Losekamp  
C.O.C. No.: 032014-028

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

### COMPOSITE SAMPLE DATA:

Date:	3/27/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1545	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

### SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Require	Collected?	Shipped?
Pb		(1) 4 oz jar	X	X
PAHs		(2) 4 oz jars		

### OBSERVATIONS / NOTES:

### MAP:

### Circle if Applicable:

### Signature(s):

MS/MSD	Duplicate ID No.:
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# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA1-CA-SOCW034-0002  
 Sample Location: Subarea BA-1 CA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-028

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/27/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1555	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Preservative	Container Requirement	Collected?	Shipped?
Pb		(1) 4 oz jar	X	X
PAHs		(2) 4 oz jars		

**OBSERVATIONS / NOTES:****MAP:****Circle if Applicable:****Signature(s):**

MS/MSD	Duplicate ID No.:
--------	-------------------



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA1-A-SOCF001  
 Sample Location: Subarea BA-1 A Floor  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-002

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/20/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1515			
Method:	Trowel			
Wall Sample:				
Floor Sample:	X			
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA1-B-SOCF002  
 Sample Location: Subarea BA-1 B Floor  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-027

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/26/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1310			
Method:	Trowel			
Wall Sample:				
Floor Sample:	X			
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA1-C-SOCF003  
 Sample Location: Subarea BA-1 C Floor  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-027

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/26/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1320			
Method:	Trowel			
Wall Sample:				
Floor Sample:	X			
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

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**MAP:**

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**MS/MSD Duplicate ID No.:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

**Signature(s):**

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# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA1-D-SOCF004  
 Sample Location: Subarea BA-1 D Floor  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-027

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/26/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1325			
Method:	Trowel			
Wall Sample:				
Floor Sample:	X			
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

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**MAP:**

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**MS/MSD Duplicate ID No.:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

**Signature(s):**

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# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA2-AA-SOCW001-0002  
 Sample Location: Subarea BA-2 AA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: \_\_\_\_\_

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/3/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	850	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	Yes	No
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA2-BA-SOCW002-0002  
 Sample Location: Subarea BA-2 BA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-006

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/3/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1450	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD	Duplicate ID No.:
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# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA2-CA-SOCW003-0002  
 Sample Location: Subarea BA-2 CA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-006

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/3/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1455	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD	Duplicate ID No.:
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# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA2-DA-SOCW004-0002  
 Sample Location: Subarea BA-2 DA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-006

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/3/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1500	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA2-A-SOCF001  
 Sample Location: Subarea BA-2 A Floor  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: \_\_\_\_\_

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date: <u>3/3/2014</u>	<b>Depth Interval</b>	<b>Color</b>	<b>Description (Sand, Silt, Clay, Moisture, etc.)</b>
Time: <u>850</u>			
Method: <u>Trowel</u>			
Wall Sample:			
Floor Sample: <u>X</u>			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	No
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:****MAP:****Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

Signature(s): \_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA3-AA-SOCW001-0002  
 Sample Location: Subarea BA-3 AA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-006

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/3/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1525	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD	Duplicate ID No.:
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# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA3-BA-SOCW002-0002  
 Sample Location: Subarea BA-3 BA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-006

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/3/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1530	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA3-CA-SOCW003-0002  
 Sample Location: Subarea BA-3 CA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-006

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/3/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1535	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA3-DA-SOCW004-0002  
 Sample Location: Subarea BA-3 DA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-006

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/3/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1540	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA3-A-SOCF001  
 Sample Location: Subarea BA-3 A Floor  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-006

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/3/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1520	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA4-AA-SOCW001-0002  
 Sample Location: Subarea BA-4 AA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: \_\_\_\_\_

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/19/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	850	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	No
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA4-AA-SOCW002-0204  
 Sample Location: Subarea BA-4 AA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-022

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/19/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1350	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



Tetra Tech, Inc.

# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
Project No.: 112IG05608

Sample ID No.: X7-BA4-AA-SOCW009-0002  
Sample Location: Subarea BA-4 AA Wall  
Sampled By: Goerd/Losekamp  
C.O.C. No.: 032014-028

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/27/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1235	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Preservative	Container Requirements	Collected?	Shipped?
Pb		(1) 4 oz jar	X	X
PAHs		(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

**MAP:**

**Circle if Applicable:**

MS/MSD	Duplicate ID No.:
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Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA4-BA-SOCW003-0002  
 Sample Location: Subarea BA-4 BA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-022

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/19/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1355	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD	Duplicate ID No.:
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# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA4-BA-SOCW004-0204  
 Sample Location: Subarea BA-4 BA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-022

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/19/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1400	2-4		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA4-CA-SOCW005-0002  
 Sample Location: Subarea BA-4 CA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-023

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/20/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	930	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA4-CA-SOCW006-0204  
 Sample Location: Subarea BA-4 CA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: \_\_\_\_\_

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/20/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	850	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	No
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



Tetra Tech, Inc.

# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA4-CA-SOCW010-0002  
 Sample Location: Subarea BA-4 CA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-028

- Surface Soil  
 Subsurface Soil  
 Sediment  
 Other: \_\_\_\_\_  
 QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

### COMPOSITE SAMPLE DATA:

Date:	3/27/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1240	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

### SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirement	Collected?	Shipped?
Pb		(1) 4 oz jar	X	X
PAHs		(2) 4 oz jars		

### OBSERVATIONS / NOTES:

### MAP:

### Circle if Applicable:

### Signature(s):

MS/MSD Duplicate ID No.: \_\_\_\_\_



Tetra Tech, Inc.

# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
Project No.: 112IG05608

Sample ID No.: X7-BA4-CA-SOCW011-0002  
Sample Location: Subarea BA-4 CA Wall  
Sampled By: Goerd/Losekamp  
C.O.C. No.: 032014-028

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

### COMPOSITE SAMPLE DATA:

Date:	3/27/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1245	2-4		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

### SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirement	Collected?	Shipped?
Pb		(1) 4 oz jar	X	X
PAHs		(2) 4 oz jars		

### OBSERVATIONS / NOTES:

### MAP:

### Circle if Applicable:

### Signature(s):

MS/MSD	Duplicate ID No.:
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Tetra Tech, Inc.

# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
Project No.: 112IG05608

Sample ID No.: X7-BA4-CA-SOCW019-0204  
Sample Location: Subarea BA-4 CA Wall  
Sampled By: Goerd/Losekamp  
C.O.C. No.: 032014-031

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

### COMPOSITE SAMPLE DATA:

Date:	4/15/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1550	2-4		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

### SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirement	Collected?	Shipped?
Pb		(1) 4 oz jar	X	X
PAHs		(2) 4 oz jars		

### OBSERVATIONS / NOTES: MAP:

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### Circle if Applicable: Signature(s):

<b>MS/MSD</b>	Duplicate ID No.:	
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Tetra Tech, Inc.

# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
Project No.: 112IG05608

Sample ID No.: X7-BA4-CA-SOCW020-0204  
Sample Location: Subarea BA-4 CA Wall  
Sampled By: Goerd/Losekamp  
C.O.C. No.: 032014-031

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	4/15/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1600	2-4		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Preservative	Container Requirements	Collected?	Shipped?
Pb		(1) 4 oz jar	X	X
PAHs		(2) 4 oz jars		

**OBSERVATIONS / NOTES:****MAP:****Circle if Applicable:**

MS/MSD	Duplicate ID No.:
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Signature(s):



Tetra Tech, Inc.

# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
Project No.: 112IG05608

Sample ID No.: X7-BA4-EA-SOCW021-0204  
Sample Location: Subarea BA-4 EA Wall  
Sampled By: Goerd/Losekamp  
C.O.C. No.: 032014-031

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

### COMPOSITE SAMPLE DATA:

Date:	4/15/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1615	2-4		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

### SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected?	Shipped?
Pb		(1) 4 oz jar	X	X
PAHs		(2) 4 oz jars		

### OBSERVATIONS / NOTES: MAP:

### Circle if Applicable: Signature(s):

MS/MSD	Duplicate ID No.:
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Tetra Tech, Inc.

# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA4-E-SOCW022-0204  
 Sample Location: Subarea BA-4 EA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-031

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	4/15/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1625	2-4		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Preservative	Container Requirements	Collected?	Shipped?
Pb		(1) 4 oz jar	X	X
PAHs		(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

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**MAP:**

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**Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

**Signature(s):**

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Tetra Tech, Inc.

# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
Project No.: 112IG05608

Sample ID No.: X7-BA4-EA-SOCW023-0204  
Sample Location: Subarea BA-4 EA Wall  
Sampled By: Goerd/Losekamp  
C.O.C. No.: 032014-031

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	4/15/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1640	2-4		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Preservative	Container Requirements	Collected?	Shipped?
Pb		(1) 4 oz jar	X	X
PAHs		(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

**MAP:**

**Circle if Applicable:**

MS/MSD	Duplicate ID No.:
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Signature(s):



Tetra Tech, Inc.

# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA4-EA-SOCW024-0204  
 Sample Location: Subarea BA-4 EA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-031

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	4/15/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1655	2-4		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Preservative	Container Requirements	Collected?	Shipped?
Pb		(1) 4 oz jar	X	X
PAHs		(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

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**MAP:**

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**Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

Signature(s): \_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA4-A-SOCF001  
 Sample Location: Subarea BA-4 A Floor  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-002

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/19/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1305			
Method:	Trowel			
Wall Sample:				
Floor Sample:	X			
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

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MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA4-B-SOCF002  
 Sample Location: Subarea BA-4 B Floor  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-022

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date: 3/19/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time: 1315			
Method: Trowel			
Wall Sample:			
Floor Sample: X			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA4-C-SOCF003  
 Sample Location: Subarea BA-4 C Floor  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-031

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date: <u>4/16/2014</u>	<b>Depth Interval</b>	<b>Color</b>	<b>Description (Sand, Silt, Clay, Moisture, etc.)</b>
Time: <u>1530</u>			
Method: <u>Trowel</u>			
Wall Sample:			
Floor Sample: <u>X</u>			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:****MAP:****Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

Signature(s): \_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA5-AA-SOCW001-0002  
 Sample Location: Subarea BA-5 AA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-010

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/10/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	850	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA5-AA-SOCW002-0204  
 Sample Location: Subarea BA-5 AA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-010

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/10/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1310	2-4		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA5-AA-SOCW003-0405  
 Sample Location: Subarea BA-5 AA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-010

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/10/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1315	4-5		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA5-AB-SOCW004-0002  
 Sample Location: Subarea BA-5 AB Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-010

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/10/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1325	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA5-AB-SOCW005-0204  
 Sample Location: Subarea BA-5 AB Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-010

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/10/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1330	2-4		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:  
FD031014-03



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA5-AB-SOCW006-0405  
 Sample Location: Subarea BA-5 AB Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-010

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/10/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1335	4-5		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:  
FD031014-04



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA5-BA-SOCW007-0002  
 Sample Location: Subarea BA-5 BA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-010

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/10/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1430	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

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**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA5-BA-SOCW008-0204  
 Sample Location: Subarea BA-5 BA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-010

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/10/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1435	2-4		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA5-BA-SOCW009-0405  
 Sample Location: Subarea BA-5 BA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-010

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/10/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1440	4-5		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA5-CA-SOCW010-0204  
 Sample Location: Subarea BA-5 CA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: \_\_\_\_\_

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/10/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	850	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	No
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA5-CA-SOCW011-0405  
 Sample Location: Subarea BA-5 CA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-010

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/10/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1450	4-5		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA5-CB-SOCW012-0204  
 Sample Location: Subarea BA-5 CB Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-010

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/10/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1500	2-4		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA5-CB-SOCW013-0405  
 Sample Location: Subarea BA-5 CB Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-010

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/10/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1505	4-5		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA5-DA-SOCW014-0002  
 Sample Location: Subarea BA-5 DA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: \_\_\_\_\_

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/4/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	850	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	No
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA5-DA-SOCW015-0204  
 Sample Location: Subarea BA-5 DA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-006

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/4/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1050	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

**MAP:**

**Signature(s):**

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA5-DA-SOCW016-0405  
 Sample Location: Subarea BA-5 DA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-006

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/4/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1040	4-5		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA5-DA-SOCW025-0002  
 Sample Location: Subarea BA-5 DA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-012

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/12/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1300	0-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA5-EA-SOCW017-0305  
 Sample Location: Subarea BA-5 EA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-006

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/4/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1015	3-5		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name:	<u>NSA Crane - UXO 7</u>	Sample ID No.:	<u>X7-BA5-FA-SOCW018-0002</u>
Project No.:	<u>112IG05608</u>	Sample Location:	<u>Subarea BA-5 FA Wall</u>
<input checked="" type="checkbox"/> Surface Soil		Sampled By:	<u>Goerd/Losekamp</u>
<input type="checkbox"/> Subsurface Soil		C.O.C. No.:	<u>032014-006</u>
<input type="checkbox"/> Sediment		Type of Sample:	
<input type="checkbox"/> Other:		<input checked="" type="checkbox"/> Low Concentration	
<input type="checkbox"/> QA Sample Type:		<input type="checkbox"/> High Concentration	

**COMPOSITE SAMPLE DATA:**

Date:	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
3/4/2014	0-2'		
Time: 1400			
Method: Trowel			
Wall Sample: X			
Floor Sample:			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

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<b>Circle if Applicable:</b>		<b>Signature(s):</b>
MS/MSD	Duplicate ID No.:	



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA5-FA-SOCW019-0204  
 Sample Location: Subarea BA-5 FA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: \_\_\_\_\_

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/4/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	850	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	No
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA5-FA-SOCW020-0405  
 Sample Location: Subarea BA-5 FA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-002

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/4/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	850	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA5-GA-SOCW021-0405  
 Sample Location: Subarea BA-5 GA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-010

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/11/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1500	4-5		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA5-GB-SOCW022-0405  
 Sample Location: Subarea BA-5 GB Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-012

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/11/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1505	4-5		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA5-A-SOCF001  
 Sample Location: Subarea BA-5 A Floor  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-002

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/5/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1200			
Method:	Trowel			
Wall Sample:				
Floor Sample:	X			
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:  
FD030514-02



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA5-B-SOCF002  
 Sample Location: Subarea BA-5 B Floor  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-010

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/10/14	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1245			
Method:	Trowel			
Wall Sample:				
Floor Sample:	X			
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA5-C-SOCF003  
 Sample Location: Subarea BA-5 C Floor  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-011

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/10/14	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1250			
Method:	Trowel			
Wall Sample:				
Floor Sample:	X			
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA6-AA-SOCW001-0002  
 Sample Location: Subarea BA-6 AA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: \_\_\_\_\_

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/19/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	850	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	No
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD	Duplicate ID No.:
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# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA6-AB-SOCW002-0002  
 Sample Location: Subarea BA-6 AB Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-022

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/19/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1250	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD	Duplicate ID No.:
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# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA6-BA-SOCW003-0002  
 Sample Location: Subarea BA-6 BA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-023

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/20/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1510	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA6-BB-SOCW004-0002  
 Sample Location: Subarea BA-6 BB Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-023

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/20/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1515	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD	Duplicate ID No.:
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# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA6-CA-SOCW005-0002  
 Sample Location: Subarea BA-6 CA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-023

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/20/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1520	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD	Duplicate ID No.:
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# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA6-CB-SOCW006-0002  
 Sample Location: Subarea BA-6 CB Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-023

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/20/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1530	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

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**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA6-DA-SOCW007-02004  
 Sample Location: Subarea BA-6 DA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-027

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/26/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1340	2-4		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA6-EA-SOCW008-02004  
 Sample Location: Subarea BA-6 DA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-027

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/26/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1345	2-4		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

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**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



Tetra Tech, Inc.

# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA6-AB-SOCW011-0204  
 Sample Location: Subarea BA-6 AB Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-028

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/27/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1145	2-4		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Preservative	Container Requirements	Collected?	Shipped?
Pb		(1) 4 oz jar	X	X
PAHs		(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

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MAP: \_\_\_\_\_

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**Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

Signature(s): \_\_\_\_\_



Tetra Tech, Inc.

# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA6-BB-SOCW012-0002  
 Sample Location: Subarea BA-6 BB Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-028

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/27/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1150	0-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Preservative	Container Requirement	Collected?	Shipped?
Pb		(1) 4 oz jar	X	X
PAHs		(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

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**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



Tetra Tech, Inc.

# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA6-BB-SOCW013-0204  
 Sample Location: Subarea BA-6 BB Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-028

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/27/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1155	2-4		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Preservative	Container Requirements	Collected?	Shipped?
Pb		(1) 4 oz jar	X	X
PAHs		(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

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**MAP:**

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**Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

Signature(s): \_\_\_\_\_



Tetra Tech, Inc.

# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA6-AA-SOCW017-0002  
 Sample Location: Subarea BA-6 AA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-030

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	4/2/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1100	0-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Preservative	Container Requirements	Collected?	Shipped?
Pb		(1) 4 oz jar	X	X
PAHs		(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

**MAP:**

**Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

Signature(s): \_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA6-A-SOCF001  
 Sample Location: Subarea BA-6 A Floor  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-023

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date: 3/20/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time: 1430			
Method: Trowel			
Wall Sample:			
Floor Sample: X			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:****MAP:****Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

Signature(s): \_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA6-B-SOCF002  
 Sample Location: Subarea BA-6 B Floor  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: \_\_\_\_\_

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/20/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	850	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	No
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA6-C-SOCF003  
 Sample Location: Subarea BA-6 C Floor  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: \_\_\_\_\_

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/20/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	850	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	No
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

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**MAP:**

\_\_\_\_\_

\_\_\_\_\_

**Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

Signature(s): \_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA6-B-SOCF005  
 Sample Location: Subarea BA-6 B Floor  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-027

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/26/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1300			
Method:	Trowel			
Wall Sample:				
Floor Sample:	X			
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



Tetra Tech, Inc.

# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
Project No.: 112IG05608

Sample ID No.: X7-BA6-C-SOCF006  
Sample Location: Subarea BA-6 C Floor  
Sampled By: Goerd/Losekamp  
C.O.C. No.: 032014-027

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/26/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1310			
Method:	Trowel			
Wall Sample:				
Floor Sample	X			
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Preservative	Container Requirement	Collected?	Shipped?
Pb		(1) 4 oz jar	X	X
PAHs		(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

**MAP:**

**Circle if Applicable:**

MS/MSD	Duplicate ID No.:
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Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA6-D-SOCF007  
 Sample Location: Subarea BA-6 D Floor  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-027

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/26/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1320			
Method:	Trowel			
Wall Sample:				
Floor Sample:	X			
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:****MAP:****Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

Signature(s): \_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA6-A-SOCF008  
 Sample Location: Subarea BA-6 A Floor  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-030

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	4/2/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1100			
Method:	Trowel			
Wall Sample:				
Floor Sample:	X			
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

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**MAP:**

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**Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

Signature(s): \_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA6-D-SOCF004  
 Sample Location: Subarea BA-6 D Floor  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: \_\_\_\_\_

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/20/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	850	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	No
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA7-AA-SOCW001-0002  
 Sample Location: Subarea BA-7 AA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-003

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	2/27/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1020	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA7-BA-SOCW002-0002  
 Sample Location: Subarea BA-7 BA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: \_\_\_\_\_

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	2/27/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	850	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	No
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



Project Site Name: NSA Crane - UXO 7  
Project No.: 112IG05608

Sample ID No.: X7-BA7-CA-SOCW003-0002  
Sample Location: Subarea BA-7 CA Wall  
Sampled By: Goerd/Losekamp  
C.O.C. No.: 032014-003

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

COMPOSITE SAMPLE DATA:

Date:	2/27/2024	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1035	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

OBSERVATIONS / NOTES: MAP:

Large empty box for observations and notes.

Circle if Applicable: Signature(s):

MS/MSD	Duplicate ID No.:	Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA7-DA-SOCW004-0002  
 Sample Location: Subarea BA-7 DA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-003

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	2/27/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1030	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA7-A-SOCF001  
 Sample Location: Subarea BA-7 A Floor  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-003

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	2/27/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1015			
Method:	Trowel			
Wall Sample:				
Floor Sample:	X			
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA8-AA-SOCW001-0002  
 Sample Location: Subarea BA-8 AA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 2357

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	2/25/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1430	0-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA8-AA-SOCW011-0002  
 Sample Location: Subarea BA-8 AA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-003

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	2/26/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1630	0-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD	Duplicate ID No.:
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# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA8-AA-SOCW002-0203  
 Sample Location: Subarea BA-8 AA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 2357

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	2/25/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1445	2-3'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA8-BA-SOCW003-0002  
 Sample Location: Subarea BA-8 BA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 2357

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	2/25/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1415	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA8-BA-SOCW004-0203  
 Sample Location: Subarea BA-8 BA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 2357

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	2/25/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1425	2-3'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars	X	

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA8-BB-SOCW005-0002  
 Sample Location: Subarea BA-8 BB Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-002

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	2/26/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	940	0-2'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA8-BB-SOCW006-0203  
 Sample Location: Subarea BA-8 BB Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-002

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	2/26/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	955	2-3'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA8-CA-SOCW007-0002  
 Sample Location: Subarea BA-8 CA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: \_\_\_\_\_

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	2/26/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	850	0-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	No
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA8-CA-SOCW013-0203  
 Sample Location: Subarea BA-8 CA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-003

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	2/27/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	940	2-3'		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA8-CA-SOCW008-0203  
 Sample Location: Subarea BA-8 CA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-003

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	2/26/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	850	2-3		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	No
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA8-DA-SOCW009-0002  
 Sample Location: Subarea BA-8 DA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: \_\_\_\_\_

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	2/26/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	850	0-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	No
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:





# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA8-DA-SOCW022-0203  
 Sample Location: Subarea BA-8 DA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-012

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/11/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1235	2-3		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA8-CA-SOCW024-0002  
 Sample Location: Subarea BA-8 CA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-028

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/27/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1210	0-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA8-CA-SOCW023-0002  
 Sample Location: Subarea BA-8 CA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-023

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/20/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	910	0-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA8-FA-SOCW026-0002  
 Sample Location: Subarea BA-8 FA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-023

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/20/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	915	0-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA8-FA-SOCW027-0203  
 Sample Location: Subarea BA-8 FA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-023

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/20/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	925	0-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA8-A-SOCF001  
 Sample Location: Subarea BA-8 A Floor  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-002

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	2/25/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1510			
Method:	Trowel			
Wall Sample:				
Floor Sample:	X			
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA8-B-SOCF002  
 Sample Location: Subarea BA-8 B Floor  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-002

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	2/26/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1045			
Method:	Trowel			
Wall Sample:				
Floor Sample:	X			
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA8-C-SOCF003  
 Sample Location: Subarea BA-8 C Floor  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-002

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/20/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	905			
Method:	Trowel			
Wall Sample:				
Floor Sample:	X			
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA9-AA-SOCW001-0002  
 Sample Location: Subarea BA-9 AA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-004

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	2/27/14	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1315	0-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:  
FD022714-01



Project Site Name: NSA Crane - UXO 7  
Project No.: 112IG05608

Sample ID No.: X7-BA9-AA-SOCW002-0203  
Sample Location: Subarea BA-9 AA Wall  
Sampled By: Goerd/Losekamp  
C.O.C. No.: 032014-004

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	2/27/14	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1315	2-3		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

**MAP:**

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA9-BA-SOCW003-0002  
 Sample Location: Subarea BA-9 BA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-004

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	2/27/14	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1320	0-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA9-BA-SOCW004-0203  
 Sample Location: Subarea BA-9 BA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-004

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	2/27/14	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1320	2-3		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA9-CA-SOCW005-0002  
 Sample Location: Subarea BA-9 CA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-004

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	2/27/14	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1325	0-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

**MAP:**

**Signature(s):**

<b>MS/MSD</b>	<b>Duplicate ID No.:</b>
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# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA9-CA-SOCW006-0203  
 Sample Location: Subarea BA-9 CA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-004

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	2/27/14	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1315	2-3		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA9-DA-SOCW007-0002  
 Sample Location: Subarea BA-9 DA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-004

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	2/27/14	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1330	0-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA9-DA-SOCW008-0203  
 Sample Location: Subarea BA-9 DA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-004

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	2/27/14	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1330	2-3		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA9-A-SOCF001  
 Sample Location: Subarea BA-9 A Floor  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-004

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	2/27/14	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1310			
Method:	Trowel			
Wall Sample:				
Floor Sample:	X			
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA10-AA-SOCW001-0002  
 Sample Location: Subarea BA-10 AA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-004

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	2/27/14	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1420	0-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA10-BA-SOCW002-0002  
 Sample Location: Subarea BA-10 BA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-004

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	2/27/14	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1425	0-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA10-CA-SOCW003-0002  
 Sample Location: Subarea BA-10 CA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-004

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	2/27/14	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1430	0-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA10-DA-SOCW004-0002  
 Sample Location: Subarea BA-10 DA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-005

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	2/27/14	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1435	0-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA10-A-SOCF001  
 Sample Location: Subarea BA-10 A Floor  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-005

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	2/27/14	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1415			
Method:	Trowel			
Wall Sample:				
Floor Sample:	X			
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA-TP-B  
 Sample Location: Test Pit B  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-022

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date: 3/18/2014	Depth Interval	Description (Sand, Silt, Clay, Moisture, etc.)
Time: 1015	Soil from within a 4 foot deep test pit. Approximately 4 feet wide by 4 feet long	
Method: Trowel		
Wall Sample:		
Floor Sample:		
Test Pit Soil		

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:****MAP:****Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

Signature(s): \_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-BA-TP-C  
 Sample Location: Test Pit C  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-022

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date: 3/18/2014	Depth Interval	Description (Sand, Silt, Clay, Moisture, etc.)
Time: 1025	Soil from within a 4 foot deep test pit. Approximately 4 feet wide by 4 feet long	
Method: Trowel		
Wall Sample:		
Floor Sample:		
Test Pit Soil		

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:****MAP:****Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

Signature(s): \_\_\_\_\_



Project Site Name: NSA Crane - UXO 7  
Project No.: 112IG05608

Sample ID No.: X7-ETR1-AA-SOCW001-0001  
Sample Location: Subarea ETR-1 AA Wall  
Sampled By: Goerd/Losekamp  
C.O.C. No.: 032014-013

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

COMPOSITE SAMPLE DATA:

Date:	3/13/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1210	0-1		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

OBSERVATIONS / NOTES: MAP:

Observations and notes area, currently blank.

Circle if Applicable: Signature(s):

MS/MSD Duplicate ID No.: Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR1-BA-SOCW002-0001  
 Sample Location: Subarea ETR-1 BA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-013

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/13/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1220	0-1		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR1-A-SOCF001-0001  
 Sample Location: Subarea ETR-1 A Floor  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-013

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date: 3/13/2014	<b>Depth Interval</b>	<b>Color</b>	<b>Description (Sand, Silt, Clay, Moisture, etc.)</b>
Time: 1205			
Method: Trowel			
Wall Sample:			
Floor Sample: X			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:****MAP:****Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

Signature(s): \_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR2-AA-SOCW001-0102  
 Sample Location: Subarea ETR-2 AA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-013

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/13/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1245	1-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR2-AB-SOCW002-0102  
 Sample Location: Subarea ETR-2 AB Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-013

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/13/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1250	1-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR2-BA-SOCW003-0002  
 Sample Location: Subarea ETR-2 BA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-013

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/13/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1305	0-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR2-CA-SOCW004-0002  
 Sample Location: Subarea ETR-2 CA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-013

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/13/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1310	0-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR2-DA-SOCW005-0002  
 Sample Location: Subarea ETR-2 DA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-013

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/13/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1320	0-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR2-EA-SOCW006-0002  
 Sample Location: Subarea ETR-2 EA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-016

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/14/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1005	0-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR2-FA-SOCW007-0002  
 Sample Location: Subarea ETR-2 FA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-013

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/13/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1330	0-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR2-A-SOCF001  
 Sample Location: Subarea ETR-2 A Floor  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-013

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date: 3/13/2014	<b>Depth Interval</b>	<b>Color</b>	<b>Description (Sand, Silt, Clay, Moisture, etc.)</b>
Time: 1235			
Method: Trowel			
Wall Sample:			
Floor Sample: X			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:****MAP:****Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

Signature(s): \_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR3-AA-SOCW001-0204  
 Sample Location: Subarea ETR-3 AA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-013

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/13/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1355	2-4		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR3-BA-SOCW002-0002  
 Sample Location: Subarea ETR-3 BA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: \_\_\_\_\_

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:			
Method: Trowel			
Wall Sample:			
Floor Sample:			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	No	

**OBSERVATIONS / NOTES:**

Samples not collected. This small area was incorporated with Wall CA of ETR-3

MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR3-BA-SOCW003-0204  
 Sample Location: Subarea ETR-3 BA Wall  
 Sampled By: \_\_\_\_\_  
 C.O.C. No.: \_\_\_\_\_

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:			
Method: Trowel			
Wall Sample:			
Floor Sample:			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	No	

**OBSERVATIONS / NOTES:**

Samples not collected. This small area was incorporated with Wall CA of ETR-3

**MAP:**

\_\_\_\_\_

**Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

**Signature(s):**

\_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR3-CA-SOCW004-0102  
 Sample Location: Subarea ETR-3 CA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-013

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/13/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1400	1-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR3-CA-SOCW005-0204  
 Sample Location: Subarea ETR-3 CA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-014

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/13/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1405	2-4		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR3-DA-SOCW006-0102  
 Sample Location: Subarea ETR-3 DA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-014

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/13/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1415	1-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR3-DA-SOCW007-0204  
 Sample Location: Subarea ETR-3 DA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-014

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/13/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1420	2-4		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR3-EA-SOCW008-0002  
 Sample Location: Subarea ETR-3 EA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-014

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/13/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1425	0-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

<b>Circle if Applicable:</b>	
MS/MSD	Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR3-EA-SOCW009-0204  
 Sample Location: Subarea ETR-3 EA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-014

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/13/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1430	2-4		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR3-FA-SOCW010-0204  
 Sample Location: Subarea ETR-3 FA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-015

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/13/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1435	2-4		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR3-A-SOCF001  
 Sample Location: Subarea ETR-3 A Floor  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-014

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date: 3/13/2014	<b>Depth Interval</b>	<b>Color</b>	<b>Description (Sand, Silt, Clay, Moisture, etc.)</b>
Time: 1345			
Method: Trowel			
Wall Sample:			
Floor Sample: X			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:****MAP:****Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

Signature(s): \_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR4-AA-SOCW001-0001  
 Sample Location: Subarea ETR-4 AA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-008

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/5/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1500	0-1		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR4-BA-SOCW002-0001  
 Sample Location: Subarea ETR-4 BA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-014

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/5/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1505	0-1		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR4-CA-SOCW003-0001  
 Sample Location: Subarea ETR-4 CA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-008

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/5/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1510	0-1		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR4-A-SOCF001  
 Sample Location: Subarea ETR-4 A Floor  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-014

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date: <u>3/5/2014</u>	<b>Depth Interval</b>	<b>Color</b>	<b>Description (Sand, Silt, Clay, Moisture, etc.)</b>
Time: <u>1000</u>			
Method: <u>Trowel</u>			
Wall Sample: <u>X</u>			
Floor Sample:			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:****MAP:****Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

Signature(s): \_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR5-AA-SOCW001-0002  
 Sample Location: Subarea ETR-5 AA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-008

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/5/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1430	0-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR5-BA-SOCW002-0002  
 Sample Location: Subarea ETR-5 BA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-008

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/5/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1435	0-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR5-CA-SOCW003-0002  
 Sample Location: Subarea ETR-5 CA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-008

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/5/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1440	0-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR5-DA-SOCW004-0002  
 Sample Location: Subarea ETR-5 DA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-008

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/5/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1445	0-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR5-A-SOCF001  
 Sample Location: Subarea ETR-5 A Flor  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-008

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/5/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1425			
Method:	Trowel			
Wall Sample:				
Floor Sample:	X			
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**MAP:**

\_\_\_\_\_  
 \_\_\_\_\_

**Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

**Signature(s):**

\_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR6-AA-SOCW001-0002  
 Sample Location: Subarea ETR-6 AA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-016

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/14/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	930	0-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

MAP:

**Circle if Applicable:**

MS/MSD

Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR7-AA-SOCW002-0204  
 Sample Location: Subarea ETR-7 AA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-016

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/14/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	940	2-4		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:****MAP:****Circle if Applicable:**

MS/MSD

**Duplicate ID No.:****Signature(s):**



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR7-BA-SOCW004-0204  
 Sample Location: Subarea ETR-7 BA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-016

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/14/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	945	2-4		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR6-BA-SOCW002-0002  
 Sample Location: Subarea ETR-6 BA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-014

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/13/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1015	0-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:****MAP:****Circle if Applicable:**

MS/MSD      Duplicate ID No.: \_\_\_\_\_

Signature(s): \_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR6-CA-SOCW003-0002  
 Sample Location: Subarea ETR-6 CA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-014

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/13/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1015	0-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

MAP:

**Circle if Applicable:**

MS/MSD

Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR7-CA-SOCW006-0204  
 Sample Location: Subarea ETR-7 CA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-016

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/14/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	950	2-4		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR6-DA-SOCW004-0002  
 Sample Location: Subarea ETR-6 DA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-014

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/13/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1005	0-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:****MAP:****Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

Signature(s): \_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR7-DA-SOCW008-0204  
 Sample Location: Subarea ETR-7 DA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-016

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/14/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	955	2-4		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

\_\_\_\_\_

\_\_\_\_\_

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**MAP:**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

**Signature(s):**

\_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR6-EA-SOCW005-0002  
 Sample Location: Subarea ETR-6 EA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-014

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/13/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1000	0-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:****MAP:****Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

**Signature(s):**



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR6-FA-SOCW006-0002  
 Sample Location: Subarea ETR-6 FA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-014

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/13/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1000	0-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR6-GA-SOCW007-0002  
 Sample Location: Subarea ETR-6 GA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-014

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/13/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1450	0-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR6-HA-SOCW008-0002  
 Sample Location: Subarea ETR-6 HA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-016

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/14/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	915	0-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

<b>MS/MSD</b>	<b>Duplicate ID No.:</b>
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# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR6-IA-SOCW009-0002  
 Sample Location: Subarea ETR-6 IA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-016

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/14/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	920	0-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR6-JA-SOCW010-0002  
 Sample Location: Subarea ETR-6 JA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-016

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/14/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	925	0-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:





# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR6-B-SOCF002  
 Sample Location: Subarea ETR-6 B Floor  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-016

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date: <u>3/14/2014</u>	<b>Depth Interval</b>	<b>Color</b>	<b>Description (Sand, Silt, Clay, Moisture, etc.)</b>
Time: <u>910</u>			
Method: <u>Trowel</u>			
Wall Sample:			
Floor Sample: <u>X</u>			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:****MAP:****Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

Signature(s): \_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR7-AA-SOCW001-0002  
 Sample Location: Subarea ETR-7 AA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-015

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/13/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1445	0-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR7-AA-SOCW002-0204  
 Sample Location: Subarea ETR-7 AA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-014

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/14/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1025	0-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR7-AA-SOCW003-0406  
 Sample Location: Subarea ETR-7 AA Wall  
 Sampled By: \_\_\_\_\_  
 C.O.C. No.: \_\_\_\_\_

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:			
Method: Trowel			
Wall Sample:			
Floor Sample:			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	No	

**OBSERVATIONS / NOTES:**

Sample not required since 2-4 foot interval is clean

MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR7-BA-SOCW004-0204  
 Sample Location: Subarea ETR-7 BA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-014

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/14/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1030	0-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR7-BA-SOCW005-0406  
 Sample Location: Subarea ETR-7 BA Wall  
 Sampled By: \_\_\_\_\_  
 C.O.C. No.: \_\_\_\_\_

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:			
Method: Trowel			
Wall Sample:			
Floor Sample:			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	No	

**OBSERVATIONS / NOTES:**

Sample not required since 2-4 foot interval is clean

**MAP:**

\_\_\_\_\_

**Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

**Signature(s):**

\_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR7-CA-SOCW006-0204  
 Sample Location: Subarea ETR-7 CA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-014

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/14/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1130	0-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR7-CA-SOCW007-0406  
 Sample Location: Subarea ETR-7 CA Wall  
 Sampled By: \_\_\_\_\_  
 C.O.C. No.: \_\_\_\_\_

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:			
Method: Trowel			
Wall Sample:			
Floor Sample:			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	No	

**OBSERVATIONS / NOTES:**

Sample not required since 2-4 foot interval is clean

**MAP:****Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-ETR7-A-SOCF001  
 Sample Location: Subarea ETR-7 A Floor  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-014

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/18/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:				
Method: Trowel				
Wall Sample:				
Floor Sample:	X			
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



Project Site Name: NSA Crane - UXO 7  
Project No.: 112IG05608

Sample ID No.: X7-DA1-AA-SOCW001-0002  
Sample Location: Subarea DA-1 AA Wall  
Sampled By: J. Goerd  
C.O.C. No.: 032014-021

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/3/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1000			
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

**MAP:**

**Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

Signature(s): \_\_\_\_\_



Tetra Tech, Inc.

# SOIL SAMPLE LOG SHEET

Page 1 of 1

Project Site Name:	NSA Crane - UXO 7	Sample ID No.:	X7-DA1-BA-SOCW002-0002
Project No.:	112IG05608	Sample Location:	Subarea DA-1 BA Wall
		Sampled By:	J. Goerd
<input checked="" type="checkbox"/> Surface Soil		C.O.C. No.:	032014-009
<input type="checkbox"/> Subsurface Soil		Type of Sample:	
<input type="checkbox"/> Sediment		<input checked="" type="checkbox"/> Low Concentration	
<input type="checkbox"/> Other:		<input type="checkbox"/> High Concentration	
<input type="checkbox"/> QA Sample Type:			

### COMPOSITE SAMPLE DATA:

Date:	3/3/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1405	0-2		
Method: Trowel				
Wall Sample:	X			
Floor Sample:				
Other:				

### SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

### OBSERVATIONS / NOTES: MAP:


### Circle if Applicable: Signature(s):

MS/MSD	Duplicate ID No.:				



Tetra Tech, Inc.

### SOIL SAMPLE LOG SHEET

Page 1 of 1

Project Site Name:	NSA Crane - UXO 7	Sample ID No.:	X7-DA1-CA-SOCW003-0002
Project No.:	112IG05608	Sample Location:	Subarea DA-1 CA Wall
		Sampled By:	J. Goerd
<input checked="" type="checkbox"/> Surface Soil		C.O.C. No.:	032014-021
<input type="checkbox"/> Subsurface Soil		Type of Sample:	
<input type="checkbox"/> Sediment		<input checked="" type="checkbox"/> Low Concentration	
<input type="checkbox"/> Other:		<input type="checkbox"/> High Concentration	
<input type="checkbox"/> QA Sample Type:			

#### COMPOSITE SAMPLE DATA:

Date:	3/3/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1030	0-2		
Method: Trowel				
Wall Sample:	X			
Floor Sample:				
Other:				

#### SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

#### OBSERVATIONS / NOTES:

Step out sample	

#### Circle if Applicable:

MS/MSD	Duplicate ID No.:	Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-DA1-CA-SOCW006-0002  
 Sample Location: Subarea DA-1 CA Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 032014-021

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/18/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1300	0-2		
Method: Trowel				
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD Duplicate ID No.:



Tetra Tech, Inc.

### SOIL SAMPLE LOG SHEET

Page 1 of 1

Project Site Name:	NSA Crane - UXO 7	Sample ID No.:	X7-DA1-DA-SOCW004-0002
Project No.:	112IG05608	Sample Location:	Subarea DA-1 DA Wall
		Sampled By:	J. Goerd
<input checked="" type="checkbox"/> Surface Soil		C.O.C. No.:	032014-009
<input type="checkbox"/> Subsurface Soil		Type of Sample:	
<input type="checkbox"/> Sediment		<input checked="" type="checkbox"/> Low Concentration	
<input type="checkbox"/> Other:		<input type="checkbox"/> High Concentration	
<input type="checkbox"/> QA Sample Type:			

#### COMPOSITE SAMPLE DATA:

Date:	3/3/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1420	0-2		
Method: Trowel				
Wall Sample:	X			
Floor Sample:				
Other:				

#### SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

#### OBSERVATIONS / NOTES:


#### Circle if Applicable:

MS/MSD	Duplicate ID No.:		



Tetra Tech, Inc.

# SOIL SAMPLE LOG SHEET

Page 1 of 1

Project Site Name:	NSA Crane - UXO 7	Sample ID No.:	X7-DA1-EA-SOCW005-0002
Project No.:	112IG05608	Sample Location:	Subarea DA-1 EA Wall
		Sampled By:	J. Goerd
<input checked="" type="checkbox"/> Surface Soil		C.O.C. No.:	032014-009
<input type="checkbox"/> Subsurface Soil		Type of Sample:	
<input type="checkbox"/> Sediment		<input checked="" type="checkbox"/> Low Concentration	
<input type="checkbox"/> Other:		<input type="checkbox"/> High Concentration	
<input type="checkbox"/> QA Sample Type:			

### COMPOSITE SAMPLE DATA:

Date:	3/3/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1425	0-2		
Method: Trowel				
Wall Sample:	X			
Floor Sample:				
Other:				

### SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

### OBSERVATIONS / NOTES: MAP:


### Circle if Applicable: Signature(s):

MS/MSD	Duplicate ID No.:				



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# SOIL SAMPLE LOG SHEET

Page 1 of 1

Project Site Name:	NSA Crane - UXO 7	Sample ID No.:	X7-DA1-A-SOCF001
Project No.:	112IG05608	Sample Location:	Subarea DA-1 A Floor
		Sampled By:	J. Goerd
<input checked="" type="checkbox"/> Surface Soil		C.O.C. No.:	032014-007
<input type="checkbox"/> Subsurface Soil		Type of Sample:	
<input type="checkbox"/> Sediment		<input checked="" type="checkbox"/> Low Concentration	
<input type="checkbox"/> Other:		<input type="checkbox"/> High Concentration	
<input type="checkbox"/> QA Sample Type:			

COMPOSITE SAMPLE DATA:				
Date:	3/4/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	930			
Method: Trowel				
Wall Sample:				
Floor Sample:	X			
Other:				

SAMPLE COLLECTION INFORMATION:				
Analysis	Container Requirements	Collected?	Shipped?	
Pb	(1) 4 oz jar	X	X	
PAHs	(2) 4 oz jars			

OBSERVATIONS / NOTES:	MAP:

<b>Circle if Applicable:</b>		<b>Signature(s):</b>
MS/MSD	Duplicate ID No.:	



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# SOIL SAMPLE LOG SHEET

Page 1 of 1

Project Site Name:	NSA Crane - UXO 7	Sample ID No.:	X7-DA2-AA-SOCW001-0002
Project No.:	112IG05608	Sample Location:	Subarea DA-2 AA Wall
		Sampled By:	J. Goerd
<input checked="" type="checkbox"/> Surface Soil		C.O.C. No.:	032014-007
<input type="checkbox"/> Subsurface Soil		Type of Sample:	
<input type="checkbox"/> Sediment		<input checked="" type="checkbox"/> Low Concentration	
<input type="checkbox"/> Other:		<input type="checkbox"/> High Concentration	
<input type="checkbox"/> QA Sample Type:			

### COMPOSITE SAMPLE DATA:

Date:	3/3/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1335	0-2		
Method: Trowel				
Wall Sample:	X			
Floor Sample:				
Other:				

### SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

### OBSERVATIONS / NOTES:


### Circle if Applicable:

MS/MSD	Duplicate ID No.:	Signature(s):



Tetra Tech, Inc.

# SOIL SAMPLE LOG SHEET

Page 1 of 1

Project Site Name:	NSA Crane - UXO 7	Sample ID No.:	X7-DA2-BA-SOCW002-0002
Project No.:	112IG05608	Sample Location:	Subarea DA-2 BA Wall
		Sampled By:	J. Goerd
<input checked="" type="checkbox"/> Surface Soil		C.O.C. No.:	032014-007
<input type="checkbox"/> Subsurface Soil		Type of Sample:	
<input type="checkbox"/> Sediment		<input checked="" type="checkbox"/> Low Concentration	
<input type="checkbox"/> Other:		<input type="checkbox"/> High Concentration	
<input type="checkbox"/> QA Sample Type:			

### COMPOSITE SAMPLE DATA:

Date:	3/3/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1340	0-2		
Method: Trowel				
Wall Sample:	X			
Floor Sample:				
Other:				

### SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

### OBSERVATIONS / NOTES:


### Circle if Applicable:

MS/MSD	Duplicate ID No.:	Signature(s):



Tetra Tech, Inc.

# SOIL SAMPLE LOG SHEET

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Project Site Name:	NSA Crane - UXO 7	Sample ID No.:	X7-DA2-CA-SOCW003-0002
Project No.:	112IG05608	Sample Location:	Subarea DA-2 CA Wall
		Sampled By:	J. Goerd
<input checked="" type="checkbox"/> Surface Soil		C.O.C. No.:	032014-007
<input type="checkbox"/> Subsurface Soil		Type of Sample:	
<input type="checkbox"/> Sediment		<input checked="" type="checkbox"/> Low Concentration	
<input type="checkbox"/> Other:		<input type="checkbox"/> High Concentration	
<input type="checkbox"/> QA Sample Type:			

### COMPOSITE SAMPLE DATA:

Date:	3/3/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1345	0-2		
Method: Trowel				
Wall Sample:	X			
Floor Sample:				
Other:				

### SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

### OBSERVATIONS / NOTES: MAP:


### Circle if Applicable: Signature(s):

MS/MSD	Duplicate ID No.:				



Tetra Tech, Inc.

# SOIL SAMPLE LOG SHEET

Page 1 of 1

Project Site Name:	NSA Crane - UXO 7	Sample ID No.:	X7-DA2-DA-SOCW004-0002
Project No.:	112IG05608	Sample Location:	Subarea DA-2 DA Wall
		Sampled By:	J. Goerd
<input checked="" type="checkbox"/> Surface Soil		C.O.C. No.:	032014-009
<input type="checkbox"/> Subsurface Soil		Type of Sample:	
<input type="checkbox"/> Sediment		<input checked="" type="checkbox"/> Low Concentration	
<input type="checkbox"/> Other:		<input type="checkbox"/> High Concentration	
<input type="checkbox"/> QA Sample Type:			

### COMPOSITE SAMPLE DATA:

Date:	3/3/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1350	0-2		
Method: Trowel				
Wall Sample:	X			
Floor Sample:				
Other:				

### SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

### OBSERVATIONS / NOTES: MAP:


### Circle if Applicable: Signature(s):

MS/MSD	Duplicate ID No.:				



Tetra Tech, Inc.

# SOIL SAMPLE LOG SHEET

Page 1 of 1

Project Site Name:	NSA Crane - UXO 7	Sample ID No.:	X7-DA2-A-SOCF001
Project No.:	112IG05608	Sample Location:	Subarea DA-2 A Floor
		Sampled By:	J. Goerd
<input checked="" type="checkbox"/> Surface Soil		C.O.C. No.:	032014-007
<input type="checkbox"/> Subsurface Soil		Type of Sample:	
<input type="checkbox"/> Sediment		<input checked="" type="checkbox"/> Low Concentration	
<input type="checkbox"/> Other:		<input type="checkbox"/> High Concentration	
<input type="checkbox"/> QA Sample Type:			

### COMPOSITE SAMPLE DATA:

Date:	3/3/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1330			
Method: Trowel				
Wall Sample:				
Floor Sample:	X			
Other:				

### SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

### OBSERVATIONS / NOTES: MAP:


### Circle if Applicable: Signature(s):

MS/MSD	Duplicate ID No.:		



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-DA8-DA-SOCW018-0203  
 Sample Location: Subarea DA-8 DA Wall  
 Sampled By: J. Goerd  
 C.O.C. No.: 032014-007

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/4/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	950	2-3		
Method: Trowel				
Wall Sample:				
Floor Sample:	X			
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar	X	X
PAHs	(2) 4 oz jars		

**OBSERVATIONS / NOTES:**

\_\_\_\_\_

**MAP:**

\_\_\_\_\_

**Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

Signature(s): \_\_\_\_\_



Project Site Name: NSA Crane - UXO 7  
Project No.: 112IG05608

Sample ID No.: X7-WTR1-AA-SOCW001-0001  
Sample Location: Subarea WTR-1 AA Wall  
Sampled By: J. Goerd  
C.O.C. No.: 302014-017

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

COMPOSITE SAMPLE DATA:

Date:	3/17/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1510	0-1		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

OBSERVATIONS / NOTES: MAP:

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Circle if Applicable: Signature(s):

<input type="checkbox"/> MS/MSD	Duplicate ID No.:	
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# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR1-BA-SOCW002-0001  
 Sample Location: Subarea WTR-1 BA Wall  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-017

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/17/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1515	0-1		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

<b>MS/MSD</b>	<b>Duplicate ID No.:</b>
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# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR1-BB-SOCW003-0001  
 Sample Location: Subarea WTR-1 BB Wall  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-017

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/17/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1520	0-1		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

<b>Circle if Applicable:</b>	
MS/MSD	Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR1-CA-SOCW004-0001  
 Sample Location: Subarea WTR-1 CA Wall  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-017

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/17/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1525	0-1		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

<b>MS/MSD</b>	<b>Duplicate ID No.:</b>
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# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR1-CB-SOCW005-0001  
 Sample Location: Subarea WTR-1 CB Wall  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-017

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/17/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1530	0-1		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

<b>MS/MSD</b>	<b>Duplicate ID No.:</b>
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# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR1-CC-SOCW006-0001  
 Sample Location: Subarea WTR-1 CC Wall  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-017

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/17/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1535	0-1		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

<b>MS/MSD</b>	<b>Duplicate ID No.:</b>
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# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR1-DA-SOCW007-0001  
 Sample Location: Subarea WTR-1 DA Wall  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-017

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/17/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1545	0-1		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR1-DB-SOCW008-0001  
 Sample Location: Subarea WTR-1 DB Wall  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-017

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/17/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1550	0-1		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR1-EA-SOCW009-0001  
 Sample Location: Subarea WTR-1 EA Wall  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-017

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/17/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1555	0-1		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

<b>MS/MSD</b>	<b>Duplicate ID No.:</b>
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# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR1-EA-SOCW015-0001  
 Sample Location: Subarea WTR-1 EA Wall  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-025

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/25/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	900	0-1		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

<b>Circle if Applicable:</b>	
MS/MSD	Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR1-EB-SOCW010-0001  
 Sample Location: Subarea WTR-1 EB Wall  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-017

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/17/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1600	0-1		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

<b>MS/MSD</b>	<b>Duplicate ID No.:</b>
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# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR1-FA-SOCW011-0001  
 Sample Location: Subarea WTR-1 FA Wall  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-017

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/17/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1605	0-1		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

**Circle if Applicable:**

MS/MSD	Duplicate ID No.:
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# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR1-GA-SOCW012-0001  
 Sample Location: Subarea WTR-1 GA Wall  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-017

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/17/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1610	0-1		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

<b>Circle if Applicable:</b>	
MS/MSD	Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR1-GA-SOCW016-0001  
 Sample Location: Subarea WTR-1 GA Wall  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-025

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/25/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	915	0-1		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR1-HA-SOCW013-0001  
 Sample Location: Subarea WTR-1 HA Wall  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-017

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/17/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1615	0-1		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

<b>Circle if Applicable:</b>	
MS/MSD	Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR1-HA-SOCW017-0001  
 Sample Location: Subarea WTR-1 HA Wall  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-025

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/25/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	920	0-1		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

<b>Circle if Applicable:</b>	
MS/MSD	Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR1-HB-SOCW018-0001  
 Sample Location: Subarea WTR-1 HB Wall  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-025

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/25/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	925	0-1		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

<b>Circle if Applicable:</b>	
MS/MSD	Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR1-HA-SOCW019-0001  
 Sample Location: Subarea WTR-1 HA Wall  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-029

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	4/1/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1615	0-1		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR1-HB-SOCW020-0001  
 Sample Location: Subarea WTR-1 HB Wall  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-029

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	4/1/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1620	0-1		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR1-HB-SOCW014-0001  
 Sample Location: Subarea WTR-1 HB Wall  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-018

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/17/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1620	0-1		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR1-AA-SOCF001  
 Sample Location: Subarea WTR-1 A Floor  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-018

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date: 3/17/2014	<b>Depth Interval</b>	<b>Color</b>	<b>Description (Sand, Silt, Clay, Moisture, etc.)</b>
Time: 1400			
Method: Trowel			
Wall Sample:			
Floor Sample: X			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:****MAP:****Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

Signature(s): \_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR1-B-SOCF002  
 Sample Location: Subarea WTR-1 B Floor  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-018

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date: 3/17/2014	<b>Depth Interval</b>	<b>Color</b>	<b>Description (Sand, Silt, Clay, Moisture, etc.)</b>
Time: 1405			
Method: Trowel			
Wall Sample:			
Floor Sample: X			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

<b>MS/MSD</b>	<b>Duplicate ID No.:</b>
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# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR1-C-SOCF003  
 Sample Location: Subarea WTR-1 C Floor  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-018

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date: 3/17/2014	<b>Depth Interval</b>	<b>Color</b>	<b>Description (Sand, Silt, Clay, Moisture, etc.)</b>
Time: 1410			
Method: Trowel			
Wall Sample:			
Floor Sample: X			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

<b>MS/MSD</b>	<b>Duplicate ID No.:</b>
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# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR1-D-SOCF004  
 Sample Location: Subarea WTR-1 D Floor  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-018

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date: 3/17/2014	<b>Depth Interval</b>	<b>Color</b>	<b>Description (Sand, Silt, Clay, Moisture, etc.)</b>
Time: 1410			
Method: Trowel			
Wall Sample:			
Floor Sample: X			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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**MAP:**

\_\_\_\_\_

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**Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

Signature(s): \_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR1-E-SOCF005  
 Sample Location: Subarea WTR-1 E Floor  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-018

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date: 3/17/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time: 1415			
Method: Trowel			
Wall Sample:			
Floor Sample: X			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

<b>Circle if Applicable:</b>	
MS/MSD	Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR1-F-SOCF006  
 Sample Location: Subarea WTR-1 F Floor  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-018

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date: 3/17/2014	<b>Depth Interval</b>	<b>Color</b>	<b>Description (Sand, Silt, Clay, Moisture, etc.)</b>
Time: 1420			
Method: Trowel			
Wall Sample:			
Floor Sample: X			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR1-G-SOCF007  
 Sample Location: Subarea WTR-1 G Floor  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-018

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date: 3/17/2014	<b>Depth Interval</b>	<b>Color</b>	<b>Description (Sand, Silt, Clay, Moisture, etc.)</b>
Time: 1430			
Method: Trowel			
Wall Sample:			
Floor Sample: X			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:****MAP:****Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

Signature(s): \_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR1-H-SOCF008  
 Sample Location: Subarea WTR-1 H Floor  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-018

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date: 3/17/2014	<b>Depth Interval</b>	<b>Color</b>	<b>Description (Sand, Silt, Clay, Moisture, etc.)</b>
Time: 1430			
Method: Trowel			
Wall Sample:			
Floor Sample: X			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:****MAP:****Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

Signature(s): \_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR1-I-SOCF009  
 Sample Location: Subarea WTR-1 I Floor  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-018

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date: 3/17/2014	<b>Depth Interval</b>	<b>Color</b>	<b>Description (Sand, Silt, Clay, Moisture, etc.)</b>
Time: 1435			
Method: Trowel			
Wall Sample:			
Floor Sample: X			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

<b>MS/MSD</b>	<b>Duplicate ID No.:</b>
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# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR2-AA-SOCW001-0002  
 Sample Location: Subarea WTR-2 AA Wall  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-018

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/17/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1630	0-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

<b>MS/MSD</b>	<b>Duplicate ID No.:</b>
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# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR2-AB-SOCW005-0002  
 Sample Location: Subarea WTR-2 AB Wall  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-021

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/17/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1805	0-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

<b>Circle if Applicable:</b>	
MS/MSD	Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR2-BA-SOCW002-0002  
 Sample Location: Subarea WTR-2 BA Wall  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-018

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/17/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1635	0-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

<b>Circle if Applicable:</b>	
MS/MSD	Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR2-CA-SOCW003-0102  
 Sample Location: Subarea WTR-2 CA Wall  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-018

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/17/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1640	1-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

<b>MS/MSD</b>	<b>Duplicate ID No.:</b>
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# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR2-DA-SOCW004-0102  
 Sample Location: Subarea WTR-2 DA Wall  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-019

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/17/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1645	1-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

<b>MS/MSD</b>	<b>Duplicate ID No.:</b>
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# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR2-A-SOCF001  
 Sample Location: Subarea WTR-2 A Floor  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-019

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date: 3/17/2014	<b>Depth Interval</b>	<b>Color</b>	<b>Description (Sand, Silt, Clay, Moisture, etc.)</b>
Time: 1440			
Method: Trowel			
Wall Sample:			
Floor Sample: X			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:****MAP:****Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

Signature(s): \_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR3-AA-SOCW001-0102  
 Sample Location: Subarea WTR-3 AA Wall  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-019

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/17/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1650	1-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:****MAP:****Circle if Applicable:**

MS/MSD      Duplicate ID No.: \_\_\_\_\_

Signature(s): \_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR3-BA-SOCW002-0102  
 Sample Location: Subarea WTR-3 BA Wall  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-019

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/17/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1655	1-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

MAP:

**Circle if Applicable:**

MS/MSD Duplicate ID No.:

Signature(s):



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR3-CA-SOCW003-0102  
 Sample Location: Subarea WTR-3 CA Wall  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-019

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/17/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1705	1-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:****MAP:****Circle if Applicable:**

MS/MSD      Duplicate ID No.: \_\_\_\_\_

Signature(s): \_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR3-DA-SOCW004-0102  
 Sample Location: Subarea WTR-3 DA Wall  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-019

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/17/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1710	1-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:****MAP:****Circle if Applicable:**

MS/MSD      Duplicate ID No.: \_\_\_\_\_

Signature(s): \_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR3-A-SOCF001  
 Sample Location: Subarea WTR-3 A Floor  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-019

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date: 3/17/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time: 1440			
Method: Trowel			
Wall Sample:			
Floor Sample: X			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:****MAP:****Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

**Signature(s):**



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR4-AA-SOCW001-0102  
 Sample Location: Subarea WTR-4 AA Wall  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-019

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/17/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1715	1-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

<b>MS/MSD</b>	<b>Duplicate ID No.:</b>
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# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR4-BA-SOCW002-0102  
 Sample Location: Subarea WTR-4 BA Wall  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-019

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/17/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1720	1-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

<b>Circle if Applicable:</b>	
MS/MSD	Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR4-CA-SOCW003-0102  
 Sample Location: Subarea WTR-4 CA Wall  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-019

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/17/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1725	1-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

<b>MS/MSD</b>	<b>Duplicate ID No.:</b>
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# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR4-DA-SOCW004-0102  
 Sample Location: Subarea WTR-4 DA Wall  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-019

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/17/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1730	1-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

<b>MS/MSD</b>	<b>Duplicate ID No.:</b>
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# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR4-A-SOCF001  
 Sample Location: Subarea WTR-4 A Floor  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-019

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date: 3/17/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time: 1445			
Method: Trowel			
Wall Sample:			
Floor Sample: X			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:****MAP:****Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

Signature(s): \_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR5-AA-SOCW001-0102  
 Sample Location: Subarea WTR-5 AA Wall  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-019

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/17/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1735	1-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:****MAP:****Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

**Signature(s):**



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR5-BA-SOCW002-0102  
 Sample Location: Subarea WTR-5 BA Wall  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-020

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/17/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1740	1-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:****MAP:****Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

Signature(s): \_\_\_\_\_



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR5-CA-SOCW003-0102  
 Sample Location: Subarea WTR-5 CA Wall  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-029

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/17/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1745	1-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

<b>Circle if Applicable:</b>	
MS/MSD	Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR5-DA-SOCW004-0102  
 Sample Location: Subarea WTR-5 DA Wall  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-020

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/17/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1750	1-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

<b>MS/MSD</b>	<b>Duplicate ID No.:</b>
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# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR5-A-SOCF001  
 Sample Location: Subarea WTR-5 A Floor  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-020

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date: 3/17/2014	<b>Depth Interval</b>	<b>Color</b>	<b>Description (Sand, Silt, Clay, Moisture, etc.)</b>
Time: 1445			
Method: Trowel			
Wall Sample:			
Floor Sample: X			
Other:			

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:****MAP:****Circle if Applicable:**

MS/MSD Duplicate ID No.: \_\_\_\_\_

**Signature(s):**



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR6-AA-SOCW001-0102  
 Sample Location: Subarea WTR-6 AA Wall  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-020

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/17/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1755	1-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

<b>MS/MSD</b>	<b>Duplicate ID No.:</b>
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# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR6-BA-SOCW002-0102  
 Sample Location: Subarea WTR-6 BA Wall  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-020

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/17/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1800	1-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

<b>Circle if Applicable:</b>	
MS/MSD	Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR6-CA-SOCW003-0102  
 Sample Location: Subarea WTR-6 CA Wall  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-020

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/17/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1805	1-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

<b>Circle if Applicable:</b>	
MS/MSD	Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR6-DA-SOCW004-0102  
 Sample Location: Subarea WTR-6 DA Wall  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-020

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/17/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1810	1-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

<b>MS/MSD</b>	<b>Duplicate ID No.:</b>
---------------	--------------------------



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR6-A-SOCF001  
 Sample Location: Subarea WTR-6 A Floor  
 Sampled By: J. Goerd  
 C.O.C. No.: 302014-020

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/17/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1455	1-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

<b>Circle if Applicable:</b>	
MS/MSD	Duplicate ID No.:



# SOIL SAMPLE LOG SHEET

Project Site Name: NSA Crane - UXO 7  
 Project No.: 112IG05608

Sample ID No.: X7-WTR6-CB-SOCW005-0102  
 Sample Location: Subarea WTR-6 CB Wall  
 Sampled By: Goerd/Losekamp  
 C.O.C. No.: 302014-020

- Surface Soil
- Subsurface Soil
- Sediment
- Other: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

**COMPOSITE SAMPLE DATA:**

Date:	3/17/2014	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:	1810	1-2		
Method:	Trowel			
Wall Sample:	X			
Floor Sample:				
Other:				

**SAMPLE COLLECTION INFORMATION:**

Analysis	Container Requirements	Collected?	Shipped?
Pb	(1) 4 oz jar		
PAHs	(2) 4 oz jars	X	X

**OBSERVATIONS / NOTES:**

MAP:

Signature(s):

<b>Circle if Applicable:</b>	
MS/MSD	Duplicate ID No.:

**APPENDIX G**  
**SUPPORTING INFORMATION**  
**FOR SCREENING RISK EVALUATION**

**APPENDIX G.1**

**LEAD MODEL RESULTS**

## **IEUBK Model**

LEAD MODEL FOR WINDOWS Version 1.1

```

=====
Model Version: 1.1 Build11
User Name: Tetra Tech
Date: 12/03/2014
Site Name: NSA Crane
Operable Unit: UXO 7
Run Mode: Site Risk Assessment
=====
    
```

```

# Soil/Dust Data
Average concentration of lead in soil = 88 mg/kg.
=====
    
```

\*\*\*\*\* Air \*\*\*\*\*

Indoor Air Pb Concentration: 30.000 percent of outdoor.  
Other Air Parameters:

Age	Time Outdoors (hours)	Ventilation Rate (m <sup>3</sup> /day)	Lung Absorption (%)	Outdoor Air Pb Conc (µg Pb/m <sup>3</sup> )
.5-1	1.000	2.000	32.000	0.100
1-2	2.000	3.000	32.000	0.100
2-3	3.000	5.000	32.000	0.100
3-4	4.000	5.000	32.000	0.100
4-5	4.000	5.000	32.000	0.100
5-6	4.000	7.000	32.000	0.100
6-7	4.000	7.000	32.000	0.100

\*\*\*\*\* Diet \*\*\*\*\*

Age	Diet Intake (µg/day)
.5-1	2.260
1-2	1.960
2-3	2.130
3-4	2.040
4-5	1.950
5-6	2.050
6-7	2.220

\*\*\*\*\* Drinking Water \*\*\*\*\*

Water Consumption:

Age	Water (L/day)
.5-1	0.200
1-2	0.500
2-3	0.520
3-4	0.530
4-5	0.550
5-6	0.580
6-7	0.590

Drinking Water Concentration: 4.000 µg Pb/L

\*\*\*\*\* Soil & Dust \*\*\*\*\*

Multiple Source Analysis Used

Average multiple source concentration: 71.600 µg/g

Mass fraction of outdoor soil to indoor dust conversion factor: 0.700

Outdoor airborne lead to indoor household dust lead concentration: 100.000

Use alternate indoor dust Pb sources? No

Age	Soil (µg Pb/g)	House Dust (µg Pb/g)
.5-1	88.000	71.600
1-2	88.000	71.600
2-3	88.000	71.600
3-4	88.000	71.600
4-5	88.000	71.600
5-6	88.000	71.600
6-7	88.000	71.600

\*\*\*\*\* Alternate Intake \*\*\*\*\*

Age	Alternate (µg Pb/day)
.5-1	0.000
1-2	0.000
2-3	0.000
3-4	0.000
4-5	0.000
5-6	0.000
6-7	0.000

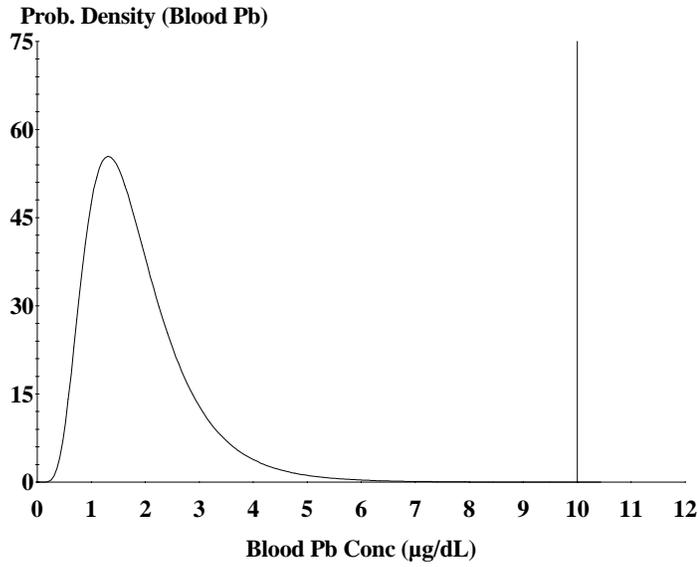
\*\*\*\*\* Maternal Contribution: Infant Model \*\*\*\*\*

Maternal Blood Concentration: 1.000 µg Pb/dL

\*\*\*\*\*  
 CALCULATED BLOOD LEAD AND LEAD UPTAKES:  
 \*\*\*\*\*

Year	Air (µg/day)	Diet (µg/day)	Alternate (µg/day)	Water (µg/day)
.5-1	0.021	1.087	0.000	0.385
1-2	0.034	0.938	0.000	0.958
2-3	0.062	1.025	0.000	1.001
3-4	0.067	0.988	0.000	1.026
4-5	0.067	0.952	0.000	1.074
5-6	0.093	1.004	0.000	1.137
6-7	0.093	1.089	0.000	1.158

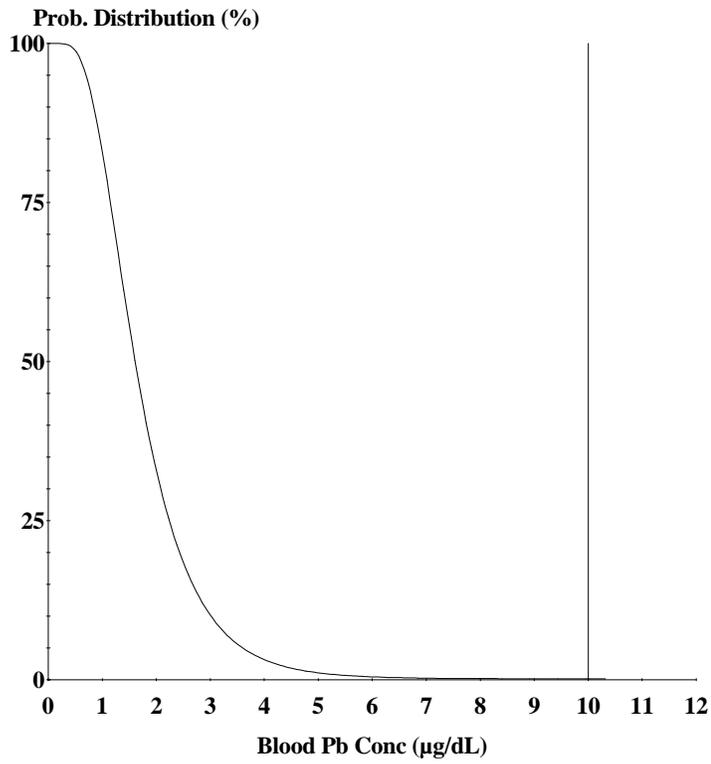
Year	Soil+Dust (µg/day)	Total (µg/day)	Blood (µg/dL)
.5-1	1.938	3.431	1.9
1-2	3.063	4.994	2.1
2-3	3.080	5.169	1.9
3-4	3.097	5.177	1.8
4-5	2.314	4.407	1.6
5-6	2.089	4.323	1.4
6-7	1.977	4.317	1.2



**Cutoff = 10.000 µg/dl**  
**Geo Mean = 1.707**  
**GSD = 1.600**  
**% Above = 0.008**  
**% Below = 99.992**

**Age Range = 0 to 84 months**

**Run Mode = Site Risk Assessment**  
**Comment = Lead concentration = 90 mg/kg.**



Cutoff = 10.000 µg/dl  
Geo Mean = 1.688  
GSD = 1.600  
% Above = 0.008

Age Range = 0 to 84 months

Run Mode = Research

Comment = Lead concentration = 88 mg/kg.

## **Adult Lead Model**

## Calculations of Preliminary Remediation Goals (PRGs)

### Calculations of Blood Lead Concentrations (PbBs)

U.S. EPA Technical Review Workgroup for Lead, Adult Lead Committee

Version date 6/21/09

**EDIT RED CELLS**

Variable	Description of Variable	Units	GSDi and PbBo from Analysis of NHANES 1999-2004
PbS	Soil lead concentration	ug/g or ppm	88
$R_{\text{fetal/maternal}}$	Fetal/maternal PbB ratio	--	0.9
BKSF	Biokinetic Slope Factor	ug/dL per ug/day	0.4
$GSD_i$	Geometric standard deviation PbB	--	1.8
$PbB_0$	Baseline PbB	ug/dL	1.0
$IR_S$	Soil ingestion rate (including soil-derived indoor dust)	g/day	0.050
$IR_{S+D}$	Total ingestion rate of outdoor soil and indoor dust	g/day	--
$W_S$	Weighting factor; fraction of $IR_{S+D}$ ingested as outdoor soil	--	--
$K_{SD}$	Mass fraction of soil in dust	--	--
$AF_{S,D}$	Absorption fraction (same for soil and dust)	--	0.12
$EF_{S,D}$	Exposure frequency (same for soil and dust)	days/yr	219
$AT_{S,D}$	Averaging time (same for soil and dust)	days/yr	365
<b><math>PbB_{\text{adult}}</math></b>	<b>PbB of adult worker, geometric mean</b>	<b>ug/dL</b>	<b>1.1</b>
$PbB_{\text{fetal}, 0.95}$	95th percentile PbB among fetuses of adult workers	ug/dL	2.7
$PbB_t$	Target PbB level of concern (e.g., 10 ug/dL)	ug/dL	10.0
<b><math>P(PbB_{\text{fetal}} &gt; PbB_t)</math></b>	<b>Probability that fetal PbB &gt; <math>PbB_t</math>, assuming lognormal distribution</b>	<b>%</b>	<b>0.005%</b>

Source: U.S. EPA (1996). Recommendations of the Technical Review Workgroup for Lead for an Interim Approach to Assessing Risks Associated with Adult Exposures to Lead in Soil

12/3/2014

**APPENDIX G.2**

**COPC SELECTION TABLES FOR PAHs**

**TABLE 1  
OCCURRENCE, DISTRIBUTION, AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN  
WEST TRAP RANGE, UXO 7 IM PROJECT  
CRANE, INDIANA**

Scenario Timeframe: Current/Future
Medium: Surface/Subsurface Soil
Exposure Medium: Surface/Subsurface Soil

Exposure Point	CAS Number	Chemical	Minimum Concentration	Maximum Concentration	Units	Sample of Maximum Concentration	Frequency of Detection	Range of Nondetects <sup>(1)</sup>	Concentration Used for Screening <sup>(2)</sup>	Range of Background Concentrations <sup>(3)</sup>	USEPA RSL Residential <sup>(4)</sup>	IDEM Residential Soil <sup>(5)</sup>	COPC Flag	Rationale for Contaminant Deletion or Selection <sup>(6)</sup>	
West Trap Range	<b>Polycyclic Aromatic Hydrocarbons</b>														
	91-57-6	2-Methylnaphthalene	0.0039 J	0.013	mg/kg	X7-WTR1-HA-SOCW019-0001	2/131	0.0017 - 0.041	0.013	NA	23 N	320 N	No	BSL	
	83-32-9	Acenaphthene	0.00232 J	0.017	mg/kg	X7-WTR1-HA-SOCW019-0001	19/131	0.0012 - 0.041	0.017	NA	350 N	4,800 N	No	BSL	
	208-96-8	Acenaphthylene	0.0094	0.0094	mg/kg	X7-WTR1-HA-SOCW019-0001	1/131	0.00068 - 0.041	0.0094	NA	350 N <sup>(7)</sup>	NA	No	BSL	
	120-12-7	Anthracene	0.00194 J	0.024	mg/kg	X7-WTR1-HA-SOCW019-0001	24/131	0.0009 - 0.041	0.024	NA	1,700 N	24,000 N	No	BSL	
	--	<b>Benzo(a)pyrene Equivalents</b>	0.004	0.774	mg/kg	X7-WTR1-EA-SOCW015-0001	84/131	0.001 - 0.00448	0.774	NA	<b>0.015 C</b>	<b>0.21 C</b>	<b>Yes</b>	ASL	
	56-55-3	<b>Benzo(a)anthracene</b>	0.00193 J	0.36	mg/kg	X7-WTR1-EA-SOCW015-0001	69/131	0.00095 - 0.00448	0.36	NA	<b>0.15 C</b>	<b>2.1 C</b>	<b>Yes</b>	ASL	
	50-32-8	<b>Benzo(a)pyrene</b>	0.0019 J	0.45	mg/kg	X7-WTR1-EA-SOCW015-0001	79/131	0.001 - 0.00448	0.45	NA	<b>0.015 C</b>	<b>0.21 C</b>	<b>Yes</b>	ASL	
	205-99-2	<b>Benzo(b)fluoranthene</b>	0.00276 J	0.67	mg/kg	X7-WTR1-EA-SOCW015-0001	80/131	0.00095 - 0.00448	0.67	NA	<b>0.15 C</b>	<b>2.1 C</b>	<b>Yes</b>	ASL	
	191-24-2	Benzo(g,h,i)perylene	0.00228 J	0.3	mg/kg	X7-WTR1-EA-SOCW015-0001	67/131	0.001 - 0.00759	0.3	NA	170 N <sup>(8)</sup>	NA	No	BSL	
	207-08-9	Benzo(k)fluoranthene	0.00229 J	0.19	mg/kg	X7-WTR1-EA-SOCW015-0001	66/131	0.00049 - 0.00448	0.19	NA	1.5 C	21 C	No	BSL	
	218-01-9	Chrysene	0.00228 J	0.43	mg/kg	X7-WTR1-EA-SOCW015-0001	72/131	0.0009 - 0.00448	0.43	NA	15 C	210 C	No	BSL	
	53-70-3	<b>Dibenzo(a,h)anthracene</b>	0.00192 J	0.2	mg/kg	X7-WTR1-EA-SOCW015-0001	33/131	0.0011 - 0.00448	0.2	NA	<b>0.015 C</b>	<b>0.21 C</b>	<b>Yes</b>	ASL	
	206-44-0	Fluoranthene	0.00208 J	0.55	mg/kg	X7-WTR1-EA-SOCW015-0001	79/131	0.0009 - 0.00448	0.55	NA	230 N	3,200 N	No	BSL	
	86-73-7	Fluorene	0.0043 J	0.024	mg/kg	X7-WTR1-HA-SOCW019-0001	7/131	0.00069 - 0.041	0.024	NA	230 N	3,200 N	No	BSL	
	193-39-5	<b>Indeno(1,2,3-cd)pyrene</b>	0.002 J	0.19	mg/kg	X7-WTR1-EA-SOCW015-0001	71/131	0.0013 - 0.00448	0.19	NA	<b>0.15 C</b>	<b>2.1 C</b>	<b>Yes</b>	ASL	
	91-20-3	Naphthalene	0.00231 J	0.03	mg/kg	X7-WTR3-AA-SOCW001-0102	14/131	0.0012 - 0.041	0.03	NA	3.8 C	50 C	No	BSL	
85-01-8	Phenanthrene	0.00201 J	0.18	mg/kg	X7-WTR1-EA-SOCW015-0001	65/131	0.0011 - 0.00448	0.18	NA	170 N <sup>(8)</sup>	NA	No	BSL		
129-00-0	Pyrene	0.00197 J	0.44	mg/kg	X7-WTR1-EA-SOCW015-0001	80/131	0.00357 - 0.00448	0.44	NA	170 N	2,400 N	No	BSL		

**Footnotes:**

- 1 - Values presented are sample-specific quantitation limits.
  - 2 - The maximum detected concentration is used for screening purposes.
  - 3 - No background data is available for PAHs.
  - 4 - USEPA Regional Screening Levels for Chemical Contaminants at Superfund Sites, May 2014. The noncarcinogenic values (denoted with a "N" flag) correspond to a target hazard quotient of 0.1. Carcinogenic values represent an incremental cancer risk of 1E-06 (carcinogens denoted with a "C" flag).
  - 5 - IDEM Closure Guide, March 1, 2014. Noncarcinogenic values correspond to an hazard quotient of 1. Carcinogenic values represent an incremental cancer risk of 1E-6.
  - 6 - The chemical is selected as a COPC if the maximum detected concentration exceeds the risk-based COPC screening level.
  - 7 - Value is for acenaphthene.
  - 8 - Value is for pyrene.
- Shaded criterion indicates that the maximum detected concentration exceeds one or more screening criteria. Shaded chemical name indicates that the chemical was retained as a COPC.

**Definitions:**

C = Carcinogen  
COPC = Chemical Of Potential Concern  
J = Estimated value  
N = Noncarcinogen  
NA = Not Applicable/Not Available

**Rationale Codes:**

For selection as a COPC:  
ASL = Above Screening Level and site background.

For elimination as a COPC:  
BSL = Below COPC Screening Level

**TABLE 2  
OCCURRENCE, DISTRIBUTION, AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN  
EAST TRAP RANGE, UXO 7 IM PROJECT  
CRANE, INDIANA**

Scenario Timeframe: Current/Future  
Medium: Surface/Subsurface Soil  
Exposure Medium: Surface/Subsurface Soil

Exposure Point	CAS Number	Chemical	Minimum Concentration	Maximum Concentration	Units	Sample of Maximum Concentration	Frequency of Detection	Range of Nondetects <sup>(1)</sup>	Concentration Used for Screening <sup>(2)</sup>	Range of Background Concentrations <sup>(3)</sup>	USEPA RSL Residential <sup>(4)</sup>	IDEM Residential Soil <sup>(5)</sup>	COPC Flag	Rationale for Contaminant Deletion or Selection <sup>(6)</sup>	
East Trap Range	<b>Polycyclic Aromatic Hydrocarbons</b>														
	91-57-6	2-Methylnaphthalene	0.00278 J	0.0049 J	mg/kg	X7-ETR5-BA-SOCW002-0002	2/156	0.0016 - 0.0414	0.0049	NA	23 N	320 N	No	BSL	
	83-32-9	Acenaphthene	0.00235 J	0.0206	mg/kg	X7-SB528-0406	7/156	0.0011 - 0.0414	0.0206	NA	350 N	4,800 N	No	BSL	
	208-96-8	Acenaphthylene	0.0052 J	0.0052 J	mg/kg	X7-ETR5-BA-SOCW002-0002	1/156	0.0039 - 0.041	0.0052	NA	350 N	NA	No	BSL	
	120-12-7	Anthracene	0.00211 J	0.0246	mg/kg	X7-SB528-0406	21/156	0.00083 - 0.0414	0.0246	NA	1,700 N	24,000 N	No	BSL	
	--	<b>Benzo(a)pyrene Equivalents</b>	0.004	1.37	mg/kg	X7-SB528-0406	119/156	0.00096 - 0.0414	1.37	NA	<b>0.015 C</b>	<b>0.21 C</b>	<b>Yes</b>	ASL	
	56-55-3	<b>Benzo(a)anthracene</b>	0.0037 J	0.764	mg/kg	X7-SB528-0406	84/156	0.00087 - 0.0414	0.764	NA	<b>0.15 C</b>	2.1 C	<b>Yes</b>	ASL	
	50-32-8	<b>Benzo(a)pyrene</b>	0.0016 J	1.08	mg/kg	X7-SB528-0406	112/156	0.00096 - 0.0414	1.08	NA	<b>0.015 C</b>	<b>0.21 C</b>	<b>Yes</b>	ASL	
	205-99-2	<b>Benzo(b)fluoranthene</b>	0.00205 J	1.41	mg/kg	X7-SB528-0406	114/156	0.00087 - 0.0414	1.41	NA	<b>0.15 C</b>	2.1 C	<b>Yes</b>	ASL	
	191-24-2	Benzo(g,h,i)perylene	0.00221 J	0.871	mg/kg	X7-SB528-0406	92/156	0.00096 - 0.0414	0.871	NA	170 N	NA	No	BSL	
	207-08-9	Benzo(k)fluoranthene	0.00196 J	0.568	mg/kg	X7-SB528-0406	90/156	0.00045 - 0.0414	0.568	NA	1.5 C	21 C	No	BSL	
	218-01-9	Chrysene	0.00201 J	0.936	mg/kg	X7-SB528-0406	88/156	0.00083 - 0.0414	0.936	NA	15 C	210 C	No	BSL	
	53-70-3	<b>Dibenzo(a,h)anthracene</b>	0.00204 J	0.06	mg/kg	X7-ETR6-FA-SOCW006-0002	33/156	0.001 - 0.0414	0.06	NA	<b>0.015 C</b>	0.21 C	<b>Yes</b>	ASL	
	206-44-0	Fluoranthene	0.0018 J	0.791	mg/kg	X7-SB528-0406	112/156	0.00083 - 0.0414	0.791	NA	230 N	3,200 N	No	BSL	
	86-73-7	Fluorene	0.00201 J	0.0135	mg/kg	X7-SB528-0406	5/156	0.00064 - 0.0414	0.0135	NA	230 N	3,200 N	No	BSL	
	193-39-5	<b>Indeno(1,2,3-cd)pyrene</b>	0.00204 J	0.688	mg/kg	X7-SB528-0406	88/156	0.0012 - 0.0414	0.688	NA	<b>0.15 C</b>	2.1 C	<b>Yes</b>	ASL	
	91-20-3	Naphthalene	0.00393 J	0.00674 J	mg/kg	X7-SB528-0406	4/156	0.0011 - 0.0414	0.00674	NA	3.8 C	50 C	No	BSL	
	85-01-8	Phenanthrene	0.00231 J	0.142	mg/kg	X7-SB528-0406	75/156	0.001 - 0.0414	0.142	NA	170 N	NA	No	BSL	
	129-00-0	Pyrene	0.00193 J	0.768	mg/kg	X7-SB528-0406	109/156	0.001 - 0.0414	0.768	NA	170 N	2,400 N	No	BSL	

**Footnotes:**

- 1 - Values presented are sample-specific quantitation limits.
  - 2 - The maximum detected concentration is used for screening purposes.
  - 3 - No background data is available for PAHs.
  - 4 - USEPA Regional Screening Levels for Chemical Contaminants at Superfund Sites, May 2014. The noncarcinogenic values (denoted with a "N" flag) correspond to a target hazard quotient of 0.1. Carcinogenic values represent an incremental cancer risk of 1E-06 (carcinogens denoted with a "C" flag).
  - 5 - IDEM Closure Guide, March 1, 2014. Noncarcinogenic values correspond to an hazard quotient of 1. Carcinogenic values represent an incremental cancer risk of 1E-6.
  - 6 - The chemical is selected as a COPC if the maximum detected concentration exceeds the risk-based COPC screening level.
  - 7 - Value is for acenaphthene.
  - 8 - Value is for pyrene.
- Shaded criterion indicates that the maximum detected concentration exceeds one or more screening criteria. Shaded chemical name indicates that the chemical was retained as a COPC.

**Definitions:**

- C = Carcinogen  
COPC = Chemical Of Potential Concern  
J = Estimated value  
N = Noncarcinogen  
NA = Not Applicable/Not Available

**Rationale Codes:**

For selection as a COPC:  
ASL = Above Screening Level and site background.

For elimination as a COPC:  
BSL = Below COPC Screening Level

**APPENDIX G.3**

**PROUCL PRINTOUTS FOR PAHs**

**PROUCL OUTPUT - WEST TRAP RANGE**

<b>UCL Statistics for Data Sets with Non-Detects</b>			
User Selected Options			
Date/Time of Computation	9/3/2014 12:40:26 PM		
From File	ProUCL Data West Trap Range.xls		
Full Precision	OFF		
Confidence Coefficient	95%		
Number of Bootstrap Operations	2000		
<b>BAP EQUIVALENT-HALFND</b>			
<b>General Statistics</b>			
Total Number of Observations	131	Number of Distinct Observations	119
Number of Detects	84	Number of Non-Detects	47
Number of Distinct Detects	84	Number of Distinct Non-Detects	35
Minimum Detect	0.00416	Minimum Non-Detect	0.001
Maximum Detect	0.774	Maximum Non-Detect	0.00448
Variance Detects	0.015	Percent Non-Detects	35.88%
Mean Detects	0.0695	SD Detects	0.122
Median Detects	0.0162	CV Detects	1.762
Skewness Detects	3.461	Kurtosis Detects	14.93
Mean of Logged Detects	-3.661	SD of Logged Detects	1.353
<b>Normal GOF Test on Detects Only</b>			
Shapiro Wilk Test Statistic	0.58	<b>Normal GOF Test on Detected Observations Only</b>	
5% Shapiro Wilk P Value	0	Detected Data Not Normal at 5% Significance Level	
Lilliefors Test Statistic	0.297	<b>Lilliefors GOF Test</b>	
5% Lilliefors Critical Value	0.0967	Detected Data Not Normal at 5% Significance Level	
<b>Detected Data Not Normal at 5% Significance Level</b>			
<b>Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs</b>			
Mean	0.0449	Standard Error of Mean	0.00904
SD	0.103	95% KM (BCA) UCL	0.0627
95% KM (t) UCL	0.0599	95% KM (Percentile Bootstrap) UCL	0.0615
95% KM (z) UCL	0.0598	95% KM Bootstrap t UCL	0.0666
90% KM Chebyshev UCL	0.072	<b>95% KM Chebyshev UCL</b>	<b>0.0843</b>
97.5% KM Chebyshev UCL	0.101	99% KM Chebyshev UCL	0.135
<b>Gamma GOF Tests on Detected Observations Only</b>			
A-D Test Statistic	4.68	<b>Anderson-Darling GOF Test</b>	
5% A-D Critical Value	0.807	Detected Data Not Gamma Distributed at 5% Significance Level	
K-S Test Statistic	0.214	<b>Kolmogrov-Smirnoff GOF</b>	
5% K-S Critical Value	0.102	Detected Data Not Gamma Distributed at 5% Significance Level	
<b>Detected Data Not Gamma Distributed at 5% Significance Level</b>			
<b>Gamma Statistics on Detected Data Only</b>			
k hat (MLE)	0.619	k star (bias corrected MLE)	0.605
Theta hat (MLE)	0.112	Theta star (bias corrected MLE)	0.115
nu hat (MLE)	104	nu star (bias corrected)	101.6
MLE Mean (bias corrected)	0.0695	MLE Sd (bias corrected)	0.0894
<b>Gamma Kaplan-Meier (KM) Statistics</b>			
k hat (KM)	0.191	nu hat (KM)	49.96
Approximate Chi Square Value (49.96, $\alpha$ )	34.73	Adjusted Chi Square Value (49.96, $\beta$ )	34.59
95% Gamma Approximate KM-UCL (use when $n \geq 50$ )	0.0646	95% Gamma Adjusted KM-UCL (use when $n < 50$ )	0.0649

**PROUCL OUTPUT - WEST TRAP RANGE**

<b>Gamma ROS Statistics using Imputed Non-Detects</b>			
GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs			
GROS may not be used when kstar of detected data is small such as < 0.1			
For such situations, GROS method tends to yield inflated values of UCLs and BTVs			
For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates			
Minimum	0.00416	Mean	0.0481
Maximum	0.774	Median	0.01
SD	0.102	CV	2.118
k hat (MLE)	0.634	k star (bias corrected MLE)	0.625
Theta hat (MLE)	0.0759	Theta star (bias corrected MLE)	0.077
nu hat (MLE)	166.2	nu star (bias corrected)	163.8
MLE Mean (bias corrected)	0.0481	MLE Sd (bias corrected)	0.0609
		Adjusted Level of Significance ( $\beta$ )	0.0482
Approximate Chi Square Value (163.76, $\alpha$ )	135.2	Adjusted Chi Square Value (163.76, $\beta$ )	134.9
95% Gamma Approximate UCL (use when n>=50)	0.0583	95% Gamma Adjusted UCL (use when n<50)	0.0584
<b>Lognormal GOF Test on Detected Observations Only</b>			
Lilliefors Test Statistic	0.165	<b>Lilliefors GOF Test</b>	
5% Lilliefors Critical Value	0.0967	Detected Data Not Lognormal at 5% Significance Level	
<b>Detected Data Not Lognormal at 5% Significance Level</b>			
<b>Lognormal ROS Statistics Using Imputed Non-Detects</b>			
Mean in Original Scale	0.045	Mean in Log Scale	-4.782
SD in Original Scale	0.103	SD in Log Scale	1.867
95% t UCL (assumes normality of ROS data)	0.0599	95% Percentile Bootstrap UCL	0.0594
95% BCA Bootstrap UCL	0.0653	95% Bootstrap t UCL	0.0663
95% H-UCL (Log ROS)	0.0796		
<b>DL/2 Statistics</b>			
<b>DL/2 Normal</b>		<b>DL/2 Log-Transformed</b>	
Mean in Original Scale	0.0452	Mean in Log Scale	-4.595
SD in Original Scale	0.103	SD in Log Scale	1.66
95% t UCL (Assumes normality)	0.0602	95% H-Stat UCL	0.0609
<b>DL/2 is not a recommended method, provided for comparisons and historical reasons</b>			
<b>Nonparametric Distribution Free UCL Statistics</b>			
<b>Data do not follow a Discernible Distribution at 5% Significance Level</b>			
<b>Suggested UCL to Use</b>			
95% KM (Chebyshev) UCL	0.0843		
<p>Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.                      Recommendations are based upon data size, data distribution, and skewness.                      These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).                      However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.</p>			

PROUCL OUPUT - EAST TRAP RANGE

UCL Statistics for Data Sets with Non-Detects			
User Selected Options			
Date/Time of Computation	9/3/2014 2:28:53 PM		
From File	ProUCL Data East Trap Range.xls		
Full Precision	OFF		
Confidence Coefficient	95%		
Number of Bootstrap Operations	2000		
<b>BAP EQUIVALENT-HALFND</b>			
<b>General Statistics</b>			
Total Number of Observations	156	Number of Distinct Observations	150
Number of Detects	119	Number of Non-Detects	37
Number of Distinct Detects	119	Number of Distinct Non-Detects	31
Minimum Detect	0.00416	Minimum Non-Detect	9.6000E-4
Maximum Detect	1.375	Maximum Non-Detect	0.0414
Variance Detects	0.0178	Percent Non-Detects	23.72%
Mean Detects	0.046	SD Detects	0.133
Median Detects	0.0139	CV Detects	2.898
Skewness Detects	8.736	Kurtosis Detects	85.32
Mean of Logged Detects	-3.965	SD of Logged Detects	1.142
<b>Normal GOF Test on Detects Only</b>			
Shapiro Wilk Test Statistic	0.297	<b>Normal GOF Test on Detected Observations Only</b>	
5% Shapiro Wilk P Value	0	Detected Data Not Normal at 5% Significance Level	
Lilliefors Test Statistic	0.377	<b>Lilliefors GOF Test</b>	
5% Lilliefors Critical Value	0.0812	Detected Data Not Normal at 5% Significance Level	
<b>Detected Data Not Normal at 5% Significance Level</b>			
<b>Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs</b>			
Mean	0.0354	Standard Error of Mean	0.00945
SD	0.118	95% KM (BCA) UCL	0.0534
95% KM (t) UCL	0.0511	95% KM (Percentile Bootstrap) UCL	0.0521
95% KM (z) UCL	0.051	95% KM Bootstrap t UCL	0.0779
90% KM Chebyshev UCL	0.0638	95% KM Chebyshev UCL	0.0766
97.5% KM Chebyshev UCL	0.0945	99% KM Chebyshev UCL	0.13
<b>Gamma GOF Tests on Detected Observations Only</b>			
A-D Test Statistic	6.815	<b>Anderson-Darling GOF Test</b>	
5% A-D Critical Value	0.802	Detected Data Not Gamma Distributed at 5% Significance Level	
K-S Test Statistic	0.167	<b>Kolmogrov-Smirnoff GOF</b>	
5% K-S Critical Value	0.0883	Detected Data Not Gamma Distributed at 5% Significance Level	
<b>Detected Data Not Gamma Distributed at 5% Significance Level</b>			
<b>Gamma Statistics on Detected Data Only</b>			
k hat (MLE)	0.684	k star (bias corrected MLE)	0.672
Theta hat (MLE)	0.0673	Theta star (bias corrected MLE)	0.0685
nu hat (MLE)	162.7	nu star (bias corrected)	160
MLE Mean (bias corrected)	0.046	MLE Sd (bias corrected)	0.0562
<b>Gamma Kaplan-Meier (KM) Statistics</b>			
k hat (KM)	0.0909	nu hat (KM)	28.35
Approximate Chi Square Value (28.35, $\alpha$ )	17.2	Adjusted Chi Square Value (28.35, $\beta$ )	17.12
95% Gamma Approximate KM-UCL (use when $n \geq 50$ )	0.0584	95% Gamma Adjusted KM-UCL (use when $n < 50$ )	0.0587
<b>Gamma (KM) may not be used when k hat (KM) is &lt; 0.1</b>			

PROUCL OUPUT - EAST TRAP RANGE

<b>Gamma ROS Statistics using Imputed Non-Detects</b>			
GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs			
GROS may not be used when kstar of detected data is small such as < 0.1			
For such situations, GROS method tends to yield inflated values of UCLs and BTVs			
For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates			
Minimum	0.00416	Mean	0.0375
Maximum	1.375	Median	0.01
SD	0.117	CV	3.132
k hat (MLE)	0.722	k star (bias corrected MLE)	0.713
Theta hat (MLE)	0.0519	Theta star (bias corrected MLE)	0.0526
nu hat (MLE)	225.3	nu star (bias corrected)	222.3
MLE Mean (bias corrected)	0.0375	MLE Sd (bias corrected)	0.0444
		Adjusted Level of Significance ( $\beta$ )	0.0485
Approximate Chi Square Value (222.33, $\alpha$ )	188.8	Adjusted Chi Square Value (222.33, $\beta$ )	188.5
95% Gamma Approximate UCL (use when n>=50)	0.0441	95% Gamma Adjusted UCL (use when n<50)	0.0442
<b>Lognormal GOF Test on Detected Observations Only</b>			
Lilliefors Test Statistic	0.115	<b>Lilliefors GOF Test</b>	
5% Lilliefors Critical Value	0.0812	Detected Data Not Lognormal at 5% Significance Level	
<b>Detected Data Not Lognormal at 5% Significance Level</b>			
<b>Lognormal ROS Statistics Using Imputed Non-Detects</b>			
Mean in Original Scale	0.0356	Mean in Log Scale	-4.537
SD in Original Scale	0.118	SD in Log Scale	1.443
95% t UCL (assumes normality of ROS data)	0.0512	95% Percentile Bootstrap UCL	0.054
95% BCA Bootstrap UCL	0.0647	95% Bootstrap t UCL	0.0784
95% H-UCL (Log ROS)	0.0412		
<b>DL/2 Statistics</b>			
<b>DL/2 Normal</b>		<b>DL/2 Log-Transformed</b>	
Mean in Original Scale	0.0357	Mean in Log Scale	-4.544
SD in Original Scale	0.118	SD in Log Scale	1.479
95% t UCL (Assumes normality)	0.0513	95% H-Stat UCL	0.0437
<b>DL/2 is not a recommended method, provided for comparisons and historical reasons</b>			
<b>Nonparametric Distribution Free UCL Statistics</b>			
Data do not follow a Discernible Distribution at 5% Significance Level			
<b>Suggested UCL to Use</b>			
95% KM (Chebyshev) UCL	0.0766		
<p>Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.                      Recommendations are based upon data size, data distribution, and skewness.                      These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).                      However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.</p>			

**APPENDIX G.4**

**CALCULATED AVERAGES OF  
LOW AND HIGH MOLECULAR WEIGHT PAHS IN  
POST-IM SURFACE SOIL SAMPLES FROM  
UXO 7 FORMER TRAP RANGES  
NSA CRANE, CRANE, INDIANA**

TABLE G.4-1

POST-INTERIM MEASURES PAH AND BaP EQUIVALENT CONCENTRATIONS IN SURFACE SOIL FOR ECOLOGICAL RISK SCREENING  
 WEST TRAP RANGE  
 UXO 7 INTERIM MEASURES REPORT  
 NSA CRANE, INDIANA  
 PAGE 1 OF 10

LOCATION	X7-SB136	X7-SS200	X7-SS205-0102	X7-SS205	X7-SS205-0102-D	X7-SS207	X7-SS208	X7-SS210	X7-SS211	X7-SS212	X7-SS213	X7-SS214
SAMPLE ID	X7-SS136-0002	X7-SS200-0102	X7-SS205-0102	X7-SS205-0102-	X7-SS205-0102-D	X7-SS207-0102	X7-SS208-0102	X7-SS210-0102	X7-SS211-0102	X7-SS212-0102	X7-SS213-0102	X7-SS214-0102
SAMPLE DATE	20071006	20111110	20111110	20111110	20111110	20111110	20111110	20111110	20111110	20111110	20111110	20111110
SAMPLE CODE	NORMAL	NORMAL	ORIG	AVG	DUP	NORMAL						
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
SAMPLE TYPE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SUBMATRIX	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS
TOP DEPTH	0	1	1	1	1	1	1	1	1	1	1	1
BOTTOM DEPTH	2	2	2	2	2	2	2	2	2	2	2	2
<b>POLYCYCLIC AROMATIC HYDROCARBONS (MG/KG)</b>												
1-METHYLNAPHTHALENE	NA	0.00478 U	0.00398 U	0.00404 U	0.0041 U	0.00406 U	0.00405 U	0.00387 U	0.00417 U	0.00407 U	0.00401 U	0.00369 U
2-METHYLNAPHTHALENE	0.0017 U	0.00478 U	0.00398 U	0.00404 U	0.0041 U	0.00406 U	0.00405 U	0.00387 U	0.00417 U	0.00407 U	0.00401 U	0.00369 U
ACENAPHTHENE	0.0012 U	0.00478 U	0.00398 U	0.00404 U	0.0041 U	0.00406 U	0.00405 U	0.00387 U	0.00417 U	0.00407 U	0.00401 U	0.00369 U
ACENAPHTHYLENE	0.00068 U	0.00478 U	0.00398 U	0.00404 U	0.0041 U	0.00406 U	0.00405 U	0.00387 U	0.00417 U	0.00407 U	0.00401 U	0.00369 U
ANTHRACENE	0.0009 U	0.00478 U	0.00398 U	0.00404 U	0.0041 U	0.00406 U	0.00405 U	0.00387 U	0.00417 U	0.00407 U	0.00401 U	0.00369 U
BAP EQUIVALENT-HALFND	0.001 U	0.0254277	0.0054973	0.0037737	0.0041 U	0.0094546	0.0111296	0.0098719	0.0133225	0.00407 U	0.00401 U	0.00369 U
BENZO(A)ANTHRACENE	0.00095 U	0.00938 J	0.00398 U	0.00404 U	0.0041 U	0.00412 J	0.00555 J	0.00507 J	0.00672 J	0.00407 U	0.00401 U	0.00369 U
BENZO(A)PYRENE	0.001 U	0.0163	0.00265 J	0.00265 J	0.0041 U	0.00585 J	0.00686 J	0.00591 J	0.00795 J	0.00407 U	0.00401 U	0.00369 U
BENZO(B)FLUORANTHENE	0.00095 U	0.0198	0.00349 J	0.00349 J	0.0041 U	0.00655 J	0.0092	0.00865	0.0102	0.00407 U	0.00401 U	0.00369 U
BENZO(G,H,I)PERYLENE	0.001 U	0.0176	0.00256 J	0.00256 J	0.0041 U	0.0051 J	0.00668 J	0.00638 J	0.0075 J	0.00407 U	0.00401 U	0.00369 U
BENZO(K)FLUORANTHENE	0.00049 U	0.00776 J	0.00398 U	0.00404 U	0.0041 U	0.00276 J	0.00371 J	0.00357 J	0.00397 J	0.00407 U	0.00401 U	0.00369 U
CHRYSENE	0.0009 U	0.0121	0.00244 J	0.00244 J	0.0041 U	0.00502 J	0.00645 J	0.00615 J	0.00784 J	0.00407 U	0.00401 U	0.00369 U
DIBENZO(A,H)ANTHRACENE	0.0011 U	0.00454 J	0.00398 U	0.00404 U	0.0041 U	0.00406 U	0.00405 U	0.00387 U	0.00298 J	0.00407 U	0.00401 U	0.00369 U
FLUORANTHENE	0.0009 U	0.0155	0.00304 J	0.00304 J	0.0041 U	0.00692 J	0.00695 J	0.0059 J	0.00839	0.00407 U	0.00401 U	0.00369 U
FLUORENE	0.00069 U	0.00478 U	0.00398 U	0.00404 U	0.0041 U	0.00406 U	0.00405 U	0.00387 U	0.00417 U	0.00407 U	0.00401 U	0.00369 U
INDENO(1,2,3-CD)PYRENE	0.0013 U	0.0158	0.00287 J	0.00287 J	0.0041 U	0.00475 J	0.00726 J	0.00613 J	0.00653 J	0.00407 U	0.00401 U	0.00369 U
NAPHTHALENE	0.0012 U	0.00478 U	0.00398 U	0.00404 U	0.0041 U	0.00406 U	0.00405 U	0.00387 U	0.00417 U	0.00407 U	0.00401 U	0.00369 U
PHENANTHRENE	0.0011 U	0.0073 J	0.00211 J	0.00211 J	0.0041 U	0.00419 J	0.00273 J	0.00201 J	0.00341 J	0.00407 U	0.00401 U	0.00369 U
PYRENE	0.0032 J	0.0147	0.00289 J	0.00289 J	0.0041 U	0.00651 J	0.00661 J	0.00546 J	0.00807 J	0.00407 U	0.00401 U	0.00369 U

Green = Low MW PAHs  
 Red = High MW PAHs

J = Estimated value  
 U = Non-detection  
 (considers surface to 2 ft. bgs.)

TABLE G.4-1

POST-INTERIM MEASURES PAH AND BaP EQUIVALENT CONCENTRATIONS IN SURFACE SOIL FOR ECOLOGICAL RISK SCREENING  
 WEST TRAP RANGE  
 UXO 7 INTERIM MEASURES REPORT  
 NSA CRANE, INDIANA  
 PAGE 2 OF 10

LOCATION	X7-SS215		X7-SS216		X7-SS217		X7-SS218		X7-SS219		X7-SS220		X7-SS221		X7-SS222		X7-SB224		X7-SB225		
SAMPLE ID	X7-SS215-0102	X7-SS215-0102-	X7-SS215-0102-D	X7-SS216-0102	X7-SS217-0102	X7-SS218-0102	X7-SS219-0102	X7-SS220-0102	X7-SS221-0102	X7-SS222-0102	X7-SB224-0001	X7-SS225-0001	X7-SS225-0102								
SAMPLE DATE	20111110	20111110	20111110	20111110	20111110	20111110	20111110	20111110	20111110	20111110	20111110	20111110	20111110	20111110	20111110	20111110	20111110	20111110	20111110	20111110	20111110
SAMPLE CODE	ORIG	AVG	DUP	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL									
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
SAMPLE TYPE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SUBMATRIX	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS
TOP DEPTH	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BOTTOM DEPTH	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
<b>POLYCYCLIC AROMATIC HYDROCARBONS (MG/KG)</b>																					
1-METHYLNAPHTHALENE	0.00417 U	0.004185 U	0.0042 U	0.00404 U	0.00406 U	0.00398 U	0.00385 U	0.00384 U	0.00401 U	0.00393 U	0.00423 U	0.00369 U	0.00384 U								
2-METHYLNAPHTHALENE	0.00417 U	0.004185 U	0.0042 U	0.00404 U	0.00406 U	0.00398 U	0.00385 U	0.00384 U	0.00401 U	0.00393 U	0.00423 U	0.00369 U	0.00384 U								
ACENAPHTHENE	0.00417 U	0.004185 U	0.0042 U	0.00404 U	0.00406 U	0.00398 U	0.00385 U	0.00384 U	0.00401 U	0.00393 U	0.00423 U	0.00369 U	0.00384 U								
ACENAPHTHYLENE	0.00417 U	0.004185 U	0.0042 U	0.00404 U	0.00406 U	0.00398 U	0.00385 U	0.00384 U	0.00401 U	0.00393 U	0.00423 U	0.00369 U	0.00384 U								
ANTHRACENE	0.00417 U	0.004185 U	0.0042 U	0.00404 U	0.00208 J	0.00398 U	0.00385 U	0.00384 U	0.00401 U	0.00393 U	0.00423 U	0.00194 J	0.00384 U								
BAP EQUIVALENT-HALFND	0.00417 U	0.004185 U	0.0042 U	0.00404 U	0.0498275	0.009222	0.00385 U	0.0100045	0.00401 U	0.0062656	0.0210992	0.0563147	0.0045518								
BENZO(A)ANTHRACENE	0.00417 U	0.004185 U	0.0042 U	0.00404 U	0.028	0.00428 J	0.00385 U	0.00384 U	0.00401 U	0.00393 U	0.0105	0.0273	0.00384 U								
BENZO(A)PYRENE	0.00417 U	0.004185 U	0.0042 U	0.00404 U	0.0324	0.00562 J	0.00385 U	0.00646 J	0.00401 U	0.00352 J	0.014	0.0423	0.00384 U								
BENZO(B)FLUORANTHENE	0.00417 U	0.004185 U	0.0042 U	0.00404 U	0.0444	0.0064 J	0.00385 U	0.00869	0.00401 U	0.00366 J	0.0216	0.0579	0.00295 J								
BENZO(G,H,I)PERYLENE	0.00417 U	0.004185 U	0.0042 U	0.00404 U	0.0322	0.00572 J	0.00385 U	0.006 J	0.00401 U	0.00393 U	0.0159	0.0377	0.00384 U								
BENZO(K)FLUORANTHENE	0.00417 U	0.004185 U	0.0042 U	0.00404 U	0.0161	0.00314 J	0.00385 U	0.00346 J	0.00401 U	0.00393 U	0.00699 J	0.0183	0.00229 J								
CHRYSENE	0.00417 U	0.004185 U	0.0042 U	0.00404 U	0.0365	0.00558 J	0.00385 U	0.00384 U	0.00401 U	0.00393 U	0.0143	0.0367	0.00384 U								
DIBENZO(A,H)ANTHRACENE	0.00417 U	0.004185 U	0.0042 U	0.00404 U	0.00692 J	0.00398 U	0.00385 U	0.00384 U	0.00401 U	0.00393 U	0.00423 U	0.00369 U	0.00384 U								
FLUORANTHENE	0.00417 U	0.004185 U	0.0042 U	0.00404 U	0.0334	0.00604 J	0.00385 U	0.00587 J	0.00401 U	0.00326 J	0.0184	0.0425	0.00218 J								
FLUORENE	0.00417 U	0.004185 U	0.0042 U	0.00404 U	0.00406 U	0.00398 U	0.00385 U	0.00384 U	0.00401 U	0.00393 U	0.00423 U	0.00369 U	0.00384 U								
INDENO(1,2,3-CD)PYRENE	0.00417 U	0.004185 U	0.0042 U	0.00404 U	0.0307	0.00507 J	0.00385 U	0.00527 J	0.00401 U	0.00393 U	0.0169	0.0343	0.002 J								
NAPHTHALENE	0.00417 U	0.004185 U	0.0042 U	0.00404 U	0.00406 U	0.00398 U	0.00385 U	0.00384 U	0.00401 U	0.00393 U	0.00423 U	0.00369 U	0.00384 U								
PHENANTHRENE	0.00417 U	0.004185 U	0.0042 U	0.00404 U	0.00921	0.00289 J	0.00385 U	0.00228 J	0.00401 U	0.00257 J	0.00895	0.0132	0.00203 J								
PYRENE	0.00417 U	0.004185 U	0.0042 U	0.00404 U	0.0336	0.00551 J	0.00385 U	0.00596 J	0.00401 U	0.00311 J	0.0172	0.0416	0.00225 J								

Green = Low MW PAHs  
 Red = High MW PAHs

J = Estimated value  
 U = Non-detection  
 (considers surface to 2 ft. bgs.)

TABLE G.4-1

POST-INTERIM MEASURES PAH AND BaP EQUIVALENT CONCENTRATIONS IN SURFACE SOIL FOR ECOLOGICAL RISK SCREENING  
 WEST TRAP RANGE  
 UXO 7 INTERIM MEASURES REPORT  
 NSA CRANE, INDIANA  
 PAGE 3 OF 10

LOCATION	X7-SS226	X7-SS228	X7-SS229	X7-SS230	X7-SS232	X7-SS233	X7-SS234	X7-SB237	X7-SB238	X7-SB239	X7-SB240	
SAMPLE ID	X7-SS226-0102	X7-SS228-0102	X7-SS229-0102	X7-SS230-0102	X7-SS232-0102	X7-SS233-0102	X7-SS234-0102	X7-SS237-0001	X7-SS238-0001	X7-SS239-0001	X7-SS240-0001	X7-SS240-0102
SAMPLE DATE	20111110	20111110	20111110	20111110	20111110	20111110	20111110	20111110	20111110	20111110	20111110	20111110
SAMPLE CODE	NORMAL											
MATRIX	SO											
SAMPLE TYPE	NORMAL											
SUBMATRIX	SS											
TOP DEPTH	1	1	1	1	1	1	1	0	0	0	0	1
BOTTOM DEPTH	2	2	2	2	2	2	2	1	1	1	1	2
<b>POLYCYCLIC AROMATIC HYDROCARBONS (MG/KG)</b>												
1-METHYLNAPHTHALENE	0.00393 U	0.00389 U	0.00405 U	0.00392 U	0.00384 U	0.00384 U	0.00405 U	0.00438 U	0.00411 U	0.00434 U	0.00395 U	0.00381 U
2-METHYLNAPHTHALENE	0.00393 U	0.00389 U	0.00405 U	0.00392 U	0.00384 U	0.00384 U	0.00405 U	0.00438 U	0.00411 U	0.00434 U	0.00395 U	0.00381 U
ACENAPHTHENE	0.00393 U	0.00389 U	0.00405 U	0.00392 U	0.00384 U	0.00384 U	0.00405 U	0.00438 U	0.00411 U	0.00434 U	0.00251 J	0.00381 U
ACENAPHTHYLENE	0.00393 U	0.00389 U	0.00405 U	0.00392 U	0.00384 U	0.00384 U	0.00405 U	0.00438 U	0.00411 U	0.00434 U	0.00395 U	0.00381 U
ANTHRACENE	0.00393 U	0.00389 U	0.00405 U	0.00392 U	0.00384 U	0.00384 U	0.00405 U	0.00438 U	0.00411 U	0.00434 U	0.00386 J	0.00381 U
BAP EQUIVALENT-HALFND	0.00393 U	0.0129291	0.0087138	0.016124	0.0045421	0.00384 U	0.0285492	0.0082031	0.0163305	0.0144026	0.0725538	0.0061177
BENZO(A)ANTHRACENE	0.00393 U	0.00583 J	0.00394 J	0.00755 J	0.00193 J	0.00384 U	0.0152	0.00438 U	0.00747 J	0.00671 J	0.0379	0.00221 J
BENZO(A)PYRENE	0.00393 U	0.00847	0.00513 J	0.0101	0.00384 U	0.00384 U	0.0203	0.00467 J	0.0112	0.00939	0.0486	0.00323 J
BENZO(B)FLUORANTHENE	0.00393 U	0.00992	0.00627 J	0.014	0.00276 J	0.00384 U	0.0256	0.00644 J	0.0134	0.0123	0.0621	0.00427 J
BENZO(G,H,I)PERYLENE	0.00393 U	0.00842	0.00525 J	0.0121	0.00235 J	0.00384 U	0.0224	0.00526 J	0.0105	0.0091	0.0492	0.00381 U
BENZO(K)FLUORANTHENE	0.00393 U	0.00325 J	0.00243 J	0.00502 J	0.00384 U	0.00384 U	0.00955	0.00438 U	0.00565 J	0.00518 J	0.0248	0.00381 U
CHRYSENE	0.00393 U	0.00759 J	0.00452 J	0.00883	0.00384 U	0.00384 U	0.0187	0.00438 U	0.00897	0.00878	0.0458	0.00267 J
DIBENZO(A,H)ANTHRACENE	0.00393 U	0.00211 J	0.00405 U	0.00275 J	0.00384 U	0.00384 U	0.00405 U	0.00438 U	0.00411 U	0.00434 U	0.00907	0.00381 U
FLUORANTHENE	0.00393 U	0.00827	0.00583 J	0.0101	0.00208 J	0.00384 U	0.0258	0.00588 J	0.0128	0.0102	0.0597	0.00342 J
FLUORENE	0.00393 U	0.00389 U	0.00405 U	0.00392 U	0.00384 U	0.00384 U	0.00405 U	0.00438 U	0.00411 U	0.00434 U	0.00395 U	0.00381 U
INDENO(1,2,3-CD)PYRENE	0.00393 U	0.00734 J	0.00509 J	0.0106	0.00212 J	0.00384 U	0.0203	0.00456 J	0.00923	0.00881	0.0459	0.00313 J
NAPHTHALENE	0.00393 U	0.00389 U	0.00405 U	0.00392 U	0.00384 U	0.00384 U	0.00405 U	0.00438 U	0.00411 U	0.00434 U	0.00395 U	0.00381 U
PHENANTHRENE	0.00393 U	0.00348 J	0.00317 J	0.00402 J	0.00384 U	0.00384 U	0.0103	0.00381 J	0.00597 J	0.00536 J	0.0233	0.00208 J
PYRENE	0.00393 U	0.00776 J	0.0052 J	0.01	0.00197 J	0.00384 U	0.0231	0.00465 J	0.0127	0.00944	0.058	0.0033 J

Green = Low MW PAHs  
 Red = High MW PAHs

J = Estimated value  
 U = Non-detection  
 (considers surface to 2 ft. bgs.)

TABLE G.4-1

POST-INTERIM MEASURES PAH AND BaP EQUIVALENT CONCENTRATIONS IN SURFACE SOIL FOR ECOLOGICAL RISK SCREENING  
 WEST TRAP RANGE  
 UXO 7 INTERIM MEASURES REPORT  
 NSA CRANE, INDIANA  
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LOCATION	X7-SB439		X7-SS442	X7-SS443-0102	X7-SS447	X7-SS448	X7-SB449		X7-SB451		X7-SB453	
SAMPLE ID	X7-SS439-0001	X7-SS439-0102	X7-SS442-0102	X7-SS443-0102	X7-SS447-0102	X7-SS448-0102	X7-SS449-0001	X7-SS449-0102	X7-SS451-0001	X7-SS451-0102	X7-SS453-0001	X7-SS453-0102
SAMPLE DATE	20120907	20120907	20121003	20121003	20120907	20120907	20120907	20120907	20120906	20120906	20120906	20120906
SAMPLE CODE	NORMAL	NORMAL	ORIG	NORMAL								
MATRIX	SO											
SAMPLE TYPE	NORMAL											
SUBMATRIX	SS											
TOP DEPTH	0	1	1	1	1	1	0	1	0	1	0	1
BOTTOM DEPTH	1	2	2	2	2	2	1	2	1	2	1	2
<b>POLYCYCLIC AROMATIC HYDROCARBONS (MG/KG)</b>												
1-METHYLNAPHTHALENE	0.00409 U	0.00386 U	0.00404 U	0.0041 U	0.00379 U	0.00385 U	0.00417 U	0.00382 U	0.00414 U	0.00357 U	0.00401 U	0.0036 U
2-METHYLNAPHTHALENE	0.00409 U	0.00386 U	0.00404 U	0.0041 U	0.00379 U	0.00385 U	0.00417 U	0.00382 U	0.00414 U	0.00357 U	0.00401 U	0.0036 U
ACENAPHTHENE	0.00409 U	0.00386 U	0.00404 U	0.0041 U	0.00379 U	0.00385 U	0.00417 U	0.00382 U	0.00414 U	0.00357 U	0.00401 U	0.0036 U
ACENAPHTHYLENE	0.00409 U	0.00386 U	0.00404 U	0.0041 U	0.00379 U	0.00385 U	0.00417 U	0.00382 U	0.00414 U	0.00357 U	0.00401 U	0.0036 U
ANTHRACENE	0.00409 U	0.00386 U	0.00404 U	0.0041 U	0.00379 U	0.00385 U	0.00417 U	0.00382 U	0.00414 U	0.00357 U	0.00401 U	0.0036 U
BAP EQUIVALENT-HALFND	0.00409 U	0.00386 U	0.00404 U	0.0041 U	0.0064737	0.00385 U	0.0461529	0.00382 U	0.0154835	0.00357 U	0.0178691	0.0041605
BENZO(A)ANTHRACENE	0.00409 U	0.00386 U	0.00404 U	0.0041 U	0.00569 J	0.00385 U	0.0246	0.00382 U	0.0103	0.00357 U	0.0112	0.0036 U
BENZO(A)PYRENE	0.00409 U	0.00386 U	0.00404 U	0.0041 U	0.00342 J	0.00385 U	0.0346	0.00382 U	0.0103	0.00357 U	0.0124	0.0036 U
BENZO(B)FLUORANTHENE	0.00409 U	0.00386 U	0.00404 U	0.0041 U	0.00379 J	0.00385 U	0.0458	0.00382 U	0.0141	0.00357 U	0.016	0.0036 U
BENZO(G,H,I)PERYLENE	0.00409 U	0.00386 U	0.00404 U	0.0041 U	0.00228 J	0.00385 U	0.0263	0.00382 U	0.00703 J	0.00357 U	0.00802	0.0036 U
BENZO(K)FLUORANTHENE	0.00409 U	0.00386 U	0.00404 U	0.0041 U	0.00379 U	0.00385 U	0.015	0.00382 U	0.00455 J	0.00357 U	0.00521 J	0.0036 U
CHRYSENE	0.00409 U	0.00386 U	0.00404 U	0.0041 U	0.00228 J	0.00385 U	0.0279	0.00382 U	0.00703 J	0.00357 U	0.01	0.00252 J
DIBENZO(A,H)ANTHRACENE	0.00409 U	0.00386 U	0.00404 U	0.0041 U	0.00379 U	0.00385 U	0.00417 U	0.00382 U	0.00414 U	0.00357 U	0.00401 U	0.0036 U
FLUORANTHENE	0.00409 U	0.00386 U	0.00404 U	0.0041 U	0.00455 J	0.00385 U	0.0325	0.00382 U	0.00952	0.00357 U	0.0128	0.0036 U
FLUORENE	0.00409 U	0.00386 U	0.00404 U	0.0041 U	0.00379 U	0.00385 U	0.00417 U	0.00382 U	0.00414 U	0.00357 U	0.00401 U	0.0036 U
INDENO(1,2,3-CD)PYRENE	0.00409 U	0.00386 U	0.00404 U	0.0041 U	0.00379 U	0.00385 U	0.0225	0.00382 U	0.00621 J	0.00357 U	0.00682 J	0.0036 U
NAPHTHALENE	0.00245 U	0.00232 U	0.00242 U	0.00246 U	0.00228 U	0.00231 U	0.0025 U	0.00229 U	0.00248 U	0.00214 U	0.00241 U	0.00216 U
PHENANTHRENE	0.00409 U	0.00386 U	0.00404 U	0.0041 U	0.00228 J	0.00385 U	0.00917	0.00382 U	0.00248 J	0.00357 U	0.00361 J	0.0036 U
PYRENE	0.00409 U	0.00386 U	0.00404 U	0.0041 U	0.00342 J	0.00385 U	0.03	0.00382 U	0.00869	0.00357 U	0.01	0.0036 U

Green = Low MW PAHs  
 Red = High MW PAHs

J = Estimated value  
 U = Non-detection  
 (considers surface to 2 ft. bgs.)

TABLE G.4-1

POST-INTERIM MEASURES PAH AND BaP EQUIVALENT CONCENTRATIONS IN SURFACE SOIL FOR ECOLOGICAL RISK SCREENING  
 WEST TRAP RANGE  
 UXO 7 INTERIM MEASURES REPORT  
 NSA CRANE, INDIANA  
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LOCATION	X7-SB455		X7-SB457		X7-SB459		X7-SB460		X7-SS465	X7-SS466-0001	X7-SS466-0102	X7-SB466	
SAMPLE ID	X7-SS455-0001	X7-SS455-0102	X7-SS457-0001	X7-SS457-0102	X7-SS459-0001	X7-SS459-0102	X7-SS460-0001	X7-SS460-0102	X7-SS465-0102	X7-SS466-0001	X7-SS466-0102	X7-SS466-0102-AVG	X7-SS466-0102-D
SAMPLE DATE	20120906	20120906	20120906	20120907	20120907	20120907	20120907	20120907	20120907	20120907	20120907	20120907	20120907
SAMPLE CODE	NORMAL	ORIG	AVG	DUP									
MATRIX	SO	SO											
SAMPLE TYPE	NORMAL	NORMAL											
SUBMATRIX	SS	SS											
TOP DEPTH	0	1	0	1	0	1	0	1	1	0	1	1	1
BOTTOM DEPTH	1	2	1	2	1	2	1	2	2	1	2	2	2
<b>POLYCYCLIC AROMATIC HYDROCARBONS (MG/KG)</b>													
1-METHYLNAPHTHALENE	0.0041 U	0.00357 U	0.00385 U	0.00359 U	0.00422 U	0.00424 U	0.00401 U	0.00376 U	0.00367 U	0.00398 U	0.00361 U	0.00372 U	0.00383 U
2-METHYLNAPHTHALENE	0.0041 U	0.00357 U	0.00385 U	0.00359 U	0.00422 U	0.00424 U	0.00401 U	0.00376 U	0.00367 U	0.00398 U	0.00361 U	0.00372 U	0.00383 U
ACENAPHTHENE	0.0041 U	0.00357 U	0.00385 U	0.00359 U	0.00422 U	0.00424 U	0.00281 J	0.00376 U	0.00367 U	0.00239 J	0.00361 U	0.00372 U	0.00383 U
ACENAPHTHYLENE	0.0041 U	0.00357 U	0.00385 U	0.00359 U	0.00422 U	0.00424 U	0.00401 U	0.00376 U	0.00367 U	0.00398 U	0.00361 U	0.00372 U	0.00383 U
ANTHRACENE	0.0041 U	0.00357 U	0.00385 U	0.00359 U	0.00422 U	0.00424 U	0.00361 J	0.00376 U	0.00367 U	0.00279 J	0.00361 U	0.00268 J	0.00268 J
BAP EQUIVALENT-HALFND	0.0195188	0.00357 U	0.0381879	0.00359 U	0.00422 U	0.00424 U	0.1111857	0.00376 U	0.00367 U	0.1249841	0.00361 U	0.0570881	0.1123711
BENZO(A)ANTHRACENE	0.0123	0.00357 U	0.02	0.00359 U	0.00422 U	0.00424 U	0.0689	0.00376 U	0.00367 U	0.0586	0.00361 UJ	0.0308025	0.0598 J
BENZO(A)PYRENE	0.0135	0.00357 U	0.0285	0.00359 U	0.00422 U	0.00424 U	0.0834	0.00376 U	0.00367 U	0.0964	0.00361 UJ	0.0442025	0.0866 J
BENZO(B)FLUORANTHENE	0.0181	0.00357 U	0.0369	0.00359 U	0.00422 U	0.00424 U	0.136	0.00376 U	0.00367 U	0.141	0.00361 UJ	0.0619025	0.122 J
BENZO(G,H,I)PERYLENE	0.0103	0.00357 U	0.0235	0.00359 U	0.00422 U	0.00424 U	0.0621	0.00376 U	0.00367 U	0.0777	0.00361 UJ	0.0334525	0.0651 J
BENZO(K)FLUORANTHENE	0.00574 J	0.00357 U	0.0131	0.00359 U	0.00422 U	0.00424 U	0.0373	0.00376 U	0.00367 U	0.0382	0.00361 UJ	0.0204525	0.0391 J
CHRYSENE	0.00944	0.00357 U	0.0219	0.00359 U	0.00422 U	0.00424 U	0.0677	0.00376 U	0.00367 U	0.0821	0.00361 UJ	0.0384525	0.0751 J
DIBENZO(A,H)ANTHRACENE	0.0041 U	0.00357 U	0.00385 U	0.00359 U	0.00422 U	0.00424 U	0.00401 U	0.00376 U	0.00367 U	0.00398 U	0.00361 U	0.00372 U	0.00383 U
FLUORANTHENE	0.0127	0.00357 U	0.0215	0.00359 U	0.00422 U	0.00424 U	0.0846	0.00376 U	0.00367 U	0.0852	0.00361 UJ	0.0365525	0.0713 J
FLUORENE	0.0041 U	0.00357 U	0.00385 U	0.00359 U	0.00422 U	0.00424 U	0.00401 U	0.00376 U	0.00367 U	0.00398 U	0.00361 U	0.00372 U	0.00383 U
INDENO(1,2,3-CD)PYRENE	0.00862	0.00357 U	0.0192	0.00359 U	0.00422 U	0.00424 U	0.0485	0.00376 U	0.00367 U	0.0617	0.00361 UJ	0.0269525	0.0521 J
NAPHTHALENE	0.00246 U	0.00214 U	0.00231 U	0.00215 U	0.00253 U	0.00254 U	0.00281 J	0.00226 U	0.0022 U	0.00239 J	0.00217 U	0.002235 U	0.0023 U
PHENANTHRENE	0.0041 J	0.00357 U	0.00577 J	0.00359 U	0.00422 U	0.00424 U	0.0277	0.00376 U	0.00367 U	0.0251	0.00361 U	0.0087525	0.0157
PYRENE	0.0115	0.00357 U	0.0238	0.00359 U	0.00422 U	0.00424 U	0.0798	0.00376 U	0.00367 U	0.0821	0.00361 UJ	0.0356025	0.0694 J

Green = Low MW PAHs  
 Red = High MW PAHs

J = Estimated value  
 U = Non-detection  
 (considers surface to 2 ft. bgs.)

TABLE G.4-1

POST-INTERIM MEASURES PAH AND BaP EQUIVALENT CONCENTRATIONS IN SURFACE SOIL FOR ECOLOGICAL RISK SCREENING  
 WEST TRAP RANGE  
 UXO 7 INTERIM MEASURES REPORT  
 NSA CRANE, INDIANA  
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LOCATION	X7-SS469	X7-SS470	X7-SS471	X7-SB472		X7-WTR1-AA-	X7-WTR1-A-SOCF	X7-WTR1-BA-	X7-WTR1-BB-	X7-WTR1-B-SOCF	X7-WTR1-CA-	X7-WTR1-CB-SOCW	
SAMPLE ID	X7-SS469-0102	X7-SS470-0102	X7-SS471-0102	X7-SS472-0001	X7-SS472-0102	X7-WTR1-AA-	X7-WTR1-A-	X7-WTR1-BA-	X7-WTR1-BB-	X7-WTR1-B-	X7-WTR1-CA-	X7-WTR1-CB-	X7-WTR1-CB-
SAMPLE DATE	20121003	20121003	20120907	20121003	20121003	20140317	20140317	20140317	20140317	20140317	20140317	20140317	20140317
SAMPLE CODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	DUP
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
SAMPLE TYPE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SUBMATRIX	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS
TOP DEPTH	1	1	1	0	1	0	1	0	0	1	0	0	0
BOTTOM DEPTH	2	2	2	1	2	1	1	1	1	1	1	1	1
<b>POLYCYCLIC AROMATIC HYDROCARBONS (MG/KG)</b>													
1-METHYLNAPHTHALENE	0.00382 U	0.00387 U	0.00359 U	0.0037 U	0.00381 U	NA	NA	NA	NA	NA	NA	NA	NA
2-METHYLNAPHTHALENE	0.00382 U	0.00387 U	0.00359 U	0.0037 U	0.00381 U	0.0042 U	0.0039 U	0.0043 U	0.0039 U	0.0042 U	0.004 U	0.004 U	0.004 U
ACENAPHTHENE	0.00382 U	0.00387 U	0.00359 U	0.0037 U	0.00381 U	0.0042 U	0.0039 U	0.0043 U	0.0039 U	0.0042 U	0.004 U	0.0045 J	0.004 U
ACENAPHTHYLENE	0.00382 U	0.00387 U	0.00359 U	0.0037 U	0.00381 U	0.0042 U	0.0039 U	0.0043 U	0.0039 U	0.0042 U	0.004 U	0.004 U	0.004 U
ANTHRACENE	0.00382 U	0.00232 J	0.00359 U	0.0037 U	0.00381 U	0.0042 U	0.0039 U	0.0072 J	0.0039 U	0.0059 J	0.004 U	0.0067 J	0.0056 J
BAP EQUIVALENT-HALFND	0.00382 U	0.0440604	0.00359 U	0.0037 U	0.00381 U	0.006085	0.011613	0.012425	0.031515	0.147133	0.014728	0.19395	0.21142
BENZO(A)ANTHRACENE	0.00382 U	0.0255	0.00359 U	0.0037 U	0.00381 U	0.0042 U	0.0053 J	0.0065 J	0.016	0.064	0.0084	0.081	0.11
BENZO(A)PYRENE	0.00382 U	0.0332	0.00359 U	0.0037 U	0.00381 U	0.0031 J	0.0076 J	0.0079 J	0.021	0.099	0.0098	0.13	0.15
BENZO(B)FLUORANTHENE	0.00382 U	0.0441	0.00359 U	0.0037 U	0.00381 U	0.0045 J	0.0094	0.012	0.03	0.13	0.015	0.19	0.16
BENZO(G,H,I)PERYLENE	0.00382 U	0.022	0.00359 U	0.0037 U	0.00381 U	0.0042 U	0.0069 J	0.0061 J	0.016	0.074	0.0071 J	0.097	0.08
BENZO(K)FLUORANTHENE	0.00382 U	0.0158	0.00359 U	0.0037 U	0.00381 U	0.0026 U	0.0036 J	0.0054 J	0.0096	0.034	0.0048 J	0.062	0.069
CHRYSENE	0.00382 U	0.0274	0.00359 U	0.0037 U	0.00381 U	0.0042 U	0.0072 J	0.011	0.019	0.093	0.0096	0.13	0.13
DIBENZO(A,H)ANTHRACENE	0.00382 U	0.00387 U	0.00359 U	0.0037 U	0.00381 U	0.0042 U	0.0039 U	0.0043 U	0.0046 J	0.022	0.004 U	0.029	0.026
FLUORANTHENE	0.00382 U	0.0383	0.00359 U	0.0037 U	0.00381 U	0.0042 U	0.0079 J	0.0092	0.021	0.091	0.011	0.11	0.12
FLUORENE	0.00382 U	0.00387 U	0.00359 U	0.0037 U	0.00381 U	0.0042 U	0.0039 U	0.0043 U	0.0039 U	0.0042 U	0.004 U	0.004 U	0.004 U
INDENO(1,2,3-CD)PYRENE	0.00382 U	0.0178	0.00359 U	0.0037 U	0.00381 U	0.0042 U	0.0055 J	0.0046 J	0.012	0.063	0.0053 J	0.071	0.076
NAPHTHALENE	0.00229 U	0.00232 U	0.00215 U	0.00222 U	0.00228 U	0.0042 U	0.0039 U	0.0043 U	0.0039 U	0.0042 U	0.004 U	0.004 U	0.004 U
PHENANTHRENE	0.00382 U	0.0155	0.00359 U	0.0037 U	0.00381 U	0.0031 U	0.0028 U	0.0031 U	0.013	0.029	0.0051 J	0.034	0.026
PYRENE	0.00382 U	0.0336	0.00359 U	0.0037 U	0.00381 U	0.0042 U	0.006 J	0.0099	0.023	0.069	0.012	0.12	0.13

Green = Low MW PAHs  
 Red = High MW PAHs

J = Estimated value  
 U = Non-detection  
 (considers surface to 2 ft. bgs.)

TABLE G.4-1

POST-INTERIM MEASURES PAH AND BaP EQUIVALENT CONCENTRATIONS IN SURFACE SOIL FOR ECOLOGICAL RISK SCREENING  
 WEST TRAP RANGE  
 UXO 7 INTERIM MEASURES REPORT  
 NSA CRANE, INDIANA  
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LOCATION	X7-WTR1-CC-20140317	X7-WTR1-C-SOCF-20140317	X7-WTR1-DA-20140317	X7-WTR1-DB-SOCW-20140317	X7-WTR1-DB-SOCW-20140317	X7-WTR1-D-SOCF-20140317	X7-WTR1-EA-20140325	X7-WTR1-EB-SOCW-20140317	X7-WTR1-EB-SOCW-20140317	X7-WTR1-E-SOCF-20140317	X7-WTR1-FA-20140317	X7-WTR1-F-SOCF-20140317	X7-WTR1-GA-20140325
SAMPLE ID	NORMAL	NORMAL	NORMAL	ORIG	DUP	NORMAL	NORMAL	ORIG	DUP	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	20140317	20140317	20140317	20140317	20140317	20140317	20140325	20140317	20140317	20140317	20140317	20140317	20140325
SAMPLE CODE	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
SAMPLE TYPE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SUBMATRIX	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS
TOP DEPTH	0	1	0	0	0	1	0	0	0	1	0	1	0
BOTTOM DEPTH	1	1	1	1	1	1	1	1	1	1	1	1	1
<b>POLYCYCLIC AROMATIC HYDROCARBONS (MG/KG)</b>													
1-METHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-METHYLNAPHTHALENE	0.004 U	0.0042 U	0.0041 U	0.004 U	0.004 U	0.004 U	0.041 U	0.0038 U	0.0038 U	0.004 U	0.0037 U	0.0039 J	0.0041 U
ACENAPHTHENE	0.0044 J	0.0042 U	0.0076 J	0.004 U	0.0095	0.004 U	0.041 U	0.0038 U	0.0038 U	0.004 U	0.0057 J	0.0062 J	0.007 J
ACENAPHTHYLENE	0.004 U	0.0042 U	0.0041 U	0.004 U	0.004 U	0.004 U	0.041 U	0.0038 U	0.0038 U	0.004 U	0.0037 U	0.0039 U	0.0041 U
ANTHRACENE	0.006 J	0.0042 U	0.009	0.0049 J	0.014	0.004 U	0.041 U	0.0038 U	0.0038 U	0.004 U	0.0078	0.0039 U	0.0086
BAP EQUIVALENT-HALFND	0.160888	0.006275	0.23606	0.146649	0.46079	0.01084	0.77433	0.079926	0.051038	0.014784	0.26712	0.016181	0.28277
BENZO(A)ANTHRACENE	0.079	0.0042 U	0.12	0.066 J	0.21 J	0.0048 J	0.36	0.038	0.028	0.0071 J	0.11	0.0087	0.14
BENZO(A)PYRENE	0.11	0.0033 J	0.16	0.1 J	0.33 J	0.007 J	0.45	0.055	0.039	0.01	0.18	0.011	0.19
BENZO(B)FLUORANTHENE	0.14	0.0044 J	0.23	0.11 J	0.39 J	0.0088	0.67	0.067	0.046	0.013	0.22	0.016	0.26
BENZO(G,H,I)PERYLENE	0.079	0.0042 U	0.11	0.079 J	0.18 J	0.0057 J	0.3	0.04	0.025	0.0086	0.13	0.0091	0.12
BENZO(K)FLUORANTHENE	0.07	0.0025 U	0.082	0.056 J	0.15 J	0.0043 J	0.19	0.038 J	0.02 J	0.0084	0.096	0.0058 J	0.1
CHRYSENE	0.088	0.0042 U	0.14	0.089 J	0.29 J	0.0069 J	0.43	0.046	0.038	0.01	0.16	0.013	0.17
DIBENZO(A,H)ANTHRACENE	0.023	0.0042 U	0.033	0.021 J	0.052 J	0.004 U	0.2	0.011	0.0038 U	0.004 U	0.041	0.0039 U	0.045
FLUORANTHENE	0.097	0.0042 U	0.15	0.11 J	0.32 J	0.0067 J	0.55	0.054	0.038	0.01	0.17	0.018	0.18
FLUORENE	0.004 U	0.0042 U	0.0041 U	0.004 U	0.0051 J	0.004 U	0.041 U	0.0038 U	0.0038 U	0.004 U	0.0037 U	0.0039 U	0.0041 U
INDENO(1,2,3-CD)PYRENE	0.052	0.0042 U	0.071	0.074 J	0.17 J	0.0043 J	0.19	0.03	0.025	0.0068 J	0.12	0.0069 J	0.066
NAPHTHALENE	0.004 U	0.0042 U	0.0041 U	0.004 U	0.0045 J	0.004 U	0.041 U	0.0038 U	0.0038 U	0.004 U	0.0037 U	0.0039 U	0.0041 U
PHENANTHRENE	0.038	0.003 U	0.056	0.03 J	0.085 J	0.0029 U	0.18	0.016	0.012	0.0035 J	0.046	0.0044 J	0.05
PYRENE	0.12	0.0042 U	0.18	0.075 J	0.33 J	0.0052 J	0.44	0.038	0.042	0.0076 J	0.12	0.016	0.21

Green = Low MW PAHs  
 Red = High MW PAHs

J = Estimated value  
 U = Non-detection  
 (considers surface to 2 ft. bgs.)

TABLE G.4-1

POST-INTERIM MEASURES PAH AND BaP EQUIVALENT CONCENTRATIONS IN SURFACE SOIL FOR ECOLOGICAL RISK SCREENING  
 WEST TRAP RANGE  
 UXO 7 INTERIM MEASURES REPORT  
 NSA CRANE, INDIANA  
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LOCATION	X7-WTR1-G-SOCF	X7-WTR1-HA-	X7-WTR1-HB-	X7-WTR1-H-SOCF	X7-WTR1-I-SOCF	X7-WTR2-AA-	X7-WTR2-AB-	X7-WTR2-A-SOCF	X7-WTR2-BA-	X7-WTR2-CA-	X7-WTR2-DA-	X7-WTR3-AA-	X7-WTR3-A-SOCF
SAMPLE ID	X7-WTR1-G-	X7-WTR1-HA-	X7-WTR1-HB-	X7-WTR1-H-	X7-WTR1-I-	X7-WTR2-AA-	X7-WTR2-AB-	X7-WTR2-A-	X7-WTR2-BA-	X7-WTR2-CA-	X7-WTR2-DA-	X7-WTR3-AA-	X7-WTR3-A-
SAMPLE DATE	20140317	20140401	20140401	20140317	20140317	20140317	20140317	20140317	20140317	20140317	20140317	20140317	20140317
SAMPLE CODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
SAMPLE TYPE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SUBMATRIX	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS
TOP DEPTH	1	0	0	1	1	0	0	2	0	1	1	1	2
BOTTOM DEPTH	1	1	1	1	1	2	2	2	2	2	2	2	2
<b>POLYCYCLIC AROMATIC HYDROCARBONS (MG/KG)</b>													
1-METHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-METHYLNAPHTHALENE	0.004 U	0.013	0.0042 U	0.004 U	0.004 U	0.004 U	0.0039 U	0.0039 U	0.004 U	0.004 U	0.004 U	0.0042 U	0.004 U
ACENAPHTHENE	0.004 U	0.017	0.0042 U	0.004 U	0.004 U	0.0042 J	0.0039 U	0.0039 U	0.0067 J	0.004 U	0.004 U	0.013	0.004 U
ACENAPHTHYLENE	0.004 U	0.0094	0.0042 U	0.004 U	0.004 U	0.004 U	0.0039 U	0.0039 U	0.004 U	0.004 U	0.004 U	0.0042 U	0.004 U
ANTHRACENE	0.004 U	0.024	0.0045 J	0.004 U	0.004 U	0.0046 J	0.0039 U	0.0039 U	0.004 U	0.004 U	0.004 U	0.0078 J	0.004 U
BAP EQUIVALENT-HALFND	0.033559	0.082593	0.007038	0.045077	0.066889	0.19079	0.086907	0.0039 U	0.006792	0.004 U	0.015565	0.25718	0.004 U
BENZO(A)ANTHRACENE	0.016	0.052	0.0042 U	0.022	0.032	0.084	0.044	0.0039 U	0.004 U	0.004 U	0.0064 J	0.13	0.004 U
BENZO(A)PYRENE	0.023	0.042	0.0038 J	0.03	0.045	0.13	0.062	0.0039 U	0.0038 J	0.004 U	0.009	0.18	0.004 U
BENZO(B)FLUORANTHENE	0.03	0.086	0.007 J	0.042	0.06	0.18	0.073	0.0039 U	0.0057 J	0.004 U	0.012	0.23	0.004 U
BENZO(G,H,I)PERYLENE	0.016	0.019	0.0042 U	0.024	0.038	0.091	0.04	0.0039 U	0.004 U	0.004 U	0.0075 J	0.12	0.004 U
BENZO(K)FLUORANTHENE	0.014	0.075	0.0026 U	0.015	0.025	0.078	0.035	0.0039 U	0.004 U	0.004 U	0.0037 J	0.083	0.004 U
CHRYSENE	0.019	0.073	0.0046 J	0.027	0.039	0.11	0.057	0.0039 U	0.004 U	0.004 U	0.0077 J	0.15	0.004 U
DIBENZO(A,H)ANTHRACENE	0.0047 J	0.025	0.0042 U	0.0066 J	0.01	0.027	0.009	0.0039 U	0.004 U	0.004 U	0.004 J	0.031	0.004 U
FLUORANTHENE	0.017	0.065	0.0067 J	0.025	0.045	0.1	0.052	0.0039 U	0.0044 J	0.004 U	0.008	0.16	0.004 U
FLUORENE	0.004 U	0.024	0.0042 U	0.004 U	0.004 U	0.004 U	0.0039 U	0.0039 U	0.0051 J	0.004 U	0.004 U	0.0088	0.004 U
INDENO(1,2,3-CD)PYRENE	0.011	0.0097	0.0042 U	0.019	0.024	0.065	0.038	0.0039 U	0.004 U	0.004 U	0.0068 J	0.092	0.004 U
NAPHTHALENE	0.004 U	0.0082 J	0.0042 U	0.004 U	0.004 U	0.004 U	0.0039 U	0.0039 U	0.004 U	0.004 U	0.004 U	0.03	0.004 U
PHENANTHRENE	0.0058 J	0.042	0.0062 J	0.0074 J	0.023	0.027	0.014	0.0039 U	0.004 U	0.004 U	0.004 U	0.037	0.004 U
PYRENE	0.023	0.076	0.0059 J	0.03	0.057	0.13	0.065	0.0039 U	0.0054 J	0.004 U	0.0075 J	0.14	0.004 U

Green = Low MW PAHs  
 Red = High MW PAHs

J = Estimated value  
 U = Non-detection  
 (considers surface to 2 ft. bgs.)

TABLE G.4-1

POST-INTERIM MEASURES PAH AND BaP EQUIVALENT CONCENTRATIONS IN SURFACE SOIL FOR ECOLOGICAL RISK SCREENING  
 WEST TRAP RANGE  
 UXO 7 INTERIM MEASURES REPORT  
 NSA CRANE, INDIANA  
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LOCATION SAMPLE ID SAMPLE DATE SAMPLE CODE MATRIX SAMPLE TYPE SUBMATRIX TOP DEPTH BOTTOM DEPTH	X7-WTR3-BA- X7-WTR3-BA- 20140317 NORMAL SO NORMAL SS 1 2	X7-WTR3-CA- X7-WTR3-CA- 20140317 NORMAL SO NORMAL SS 1 2	X7-WTR3-DA- X7-WTR3-DA- 20140317 NORMAL SO NORMAL SS 1 2	X7-WTR4-AA- X7-WTR4-AA- 20140317 NORMAL SO NORMAL SS 1 2	X7-WTR4-A-SOCF X7-WTR4-A- 20140317 NORMAL SO NORMAL SS 2 2	X7-WTR4-BA- X7-WTR4-BA- 20140317 NORMAL SO NORMAL SS 1 2	X7-WTR4-CA- X7-WTR4-CA- 20140317 NORMAL SO NORMAL SS 1 2	X7-WTR4-DA- X7-WTR4-DA- 20140317 NORMAL SO NORMAL SS 1 2	X7-WTR5-AA- X7-WTR5-AA- 20140317 NORMAL SO NORMAL SS 1 2	X7-WTR5-A-SOCF X7-WTR5-A- 20140317 NORMAL SO NORMAL SS 2 2	X7-WTR5-BA- X7-WTR5-BA- 20140317 NORMAL SO NORMAL SS 1 2	X7-WTR5-CA- X7-WTR5-CA- 20140317 NORMAL SO NORMAL SS 1 2	X7-WTR5-DA- X7-WTR5-DA- 20140317 NORMAL SO NORMAL SS 1 2
<b>POLYCYCLIC AROMATIC HYDROCARBONS (MG/KG)</b>													
1-METHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-METHYLNAPHTHALENE	0.0041 U	0.004 U	0.004 U	0.004 U	0.0039 U	0.0039 U	0.0044 U	0.004 U	0.0041 U	0.0039 U	0.004 U	0.0037 U	0.0039 U
ACENAPHTHENE	0.0041 U	0.004 U	0.004 U	0.004 U	0.0043 J	0.0039 U	0.013	0.004 U	0.0041 U	0.0039 U	0.004 U	0.0086	0.0039 U
ACENAPHTHYLENE	0.0041 U	0.004 U	0.004 U	0.004 U	0.0039 U	0.0039 U	0.0044 U	0.004 U	0.0041 U	0.0039 U	0.004 U	0.0037 U	0.0039 U
ANTHRACENE	0.0041 U	0.004 U	0.004 U	0.004 U	0.0058 J	0.0039 U	0.016	0.004 U	0.0041 U	0.0039 U	0.004 U	0.011	0.0039 U
BAP EQUIVALENT-HALFND	0.00474	0.004 U	0.004522	0.004 U	0.081776	0.0039 U	0.54505	0.025294	0.071603	0.014781	0.009794	0.31144	0.011535
BENZO(A)ANTHRACENE	0.0041 U	0.004 U	0.004 U	0.004 U	0.04	0.0039 U	0.26	0.011	0.035	0.0087	0.0047 J	0.18	0.0055 J
BENZO(A)PYRENE	0.0041 U	0.004 U	0.0019 J	0.004 U	0.059	0.0039 U	0.39	0.016	0.049	0.01	0.006 J	0.22	0.0074 J
BENZO(B)FLUORANTHENE	0.0041 U	0.004 U	0.004 U	0.004 U	0.076	0.0039 U	0.54	0.021	0.063	0.012	0.0074 J	0.24	0.01
BENZO(G,H,I)PERYLENE	0.0041 U	0.004 U	0.004 U	0.004 U	0.037	0.0039 U	0.23	0.012	0.032	0.0069 J	0.004 U	0.11	0.0051 J
BENZO(K)FLUORANTHENE	0.0041 U	0.004 U	0.004 U	0.004 U	0.023	0.0039 U	0.17	0.0081	0.026	0.0052 J	0.0038 J	0.12	0.0038 J
CHRYSENE	0.0049 J	0.004 U	0.004 U	0.004 U	0.046	0.0039 U	0.35	0.013	0.043	0.0094	0.0055 J	0.24	0.0068 J
DIBENZO(A,H)ANTHRACENE	0.0041 U	0.004 U	0.004 U	0.004 U	0.0085	0.0039 U	0.057	0.005 J	0.01	0.0039 U	0.004 U	0.036	0.0039 U
FLUORANTHENE	0.019	0.004 U	0.004 U	0.004 U	0.065	0.0039 U	0.34	0.014	0.048	0.013	0.0056 J	0.24	0.0066 J
FLUORENE	0.0046 J	0.004 U	0.004 U	0.004 U	0.0039 U	0.0039 U	0.0063 J	0.004 U	0.0041 U	0.0039 U	0.004 U	0.0043 J	0.0039 U
INDENO(1,2,3-CD)PYRENE	0.0041 U	0.004 U	0.004 U	0.004 U	0.024	0.0039 U	0.16	0.01	0.025	0.007 J	0.0054 J	0.12	0.0059 J
NAPHTHALENE	0.0041 U	0.004 U	0.004 U	0.004 U	0.0039 U	0.0039 U	0.0085 J	0.004 U	0.0041 U	0.0039 U	0.004 U	0.0086	0.0039 U
PHENANTHRENE	0.009	0.004 U	0.004 U	0.004 U	0.028	0.0039 U	0.081	0.0056 J	0.014	0.0057 J	0.004 U	0.059	0.0039 U
PYRENE	0.018	0.004 U	0.004 U	0.004 U	0.06	0.0039 U	0.34	0.014	0.046	0.012	0.0056 J	0.25	0.0073 J

Green = Low MW PAHs  
 Red = High MW PAHs

J = Estimated value  
 U = Non-detection  
 (considers surface to 2 ft. bgs.)

TABLE G.4-1

POST-INTERIM MEASURES PAH AND BaP EQUIVALENT CONCENTRATIONS IN SURFACE SOIL FOR ECOLOGICAL RISK SCREENING  
 WEST TRAP RANGE  
 UXO 7 INTERIM MEASURES REPORT  
 NSA CRANE, INDIANA  
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LOCATION SAMPLE ID SAMPLE DATE SAMPLE CODE MATRIX SAMPLE TYPE SUBMATRIX TOP DEPTH BOTTOM DEPTH	X7-WTR6-AA- X7-WTR6-AA- 20140317 NORMAL SO NORMAL SS 1 2	X7-WTR6-A-SOCF X7-WTR6-A- 20140317 NORMAL SO NORMAL SS 2 2	X7-WTR6-BA- X7-WTR6-BA- 20140317 NORMAL SO NORMAL SS 0 2	X7-WTR6-CA- X7-WTR6-CA- 20140317 NORMAL SO NORMAL SS 0 2	X7-WTR6-CB- X7-WTR6-CB- 20140317 NORMAL SO NORMAL SS 1 2	X7-WTR6-DA- X7-WTR6-DA- 20140317 NORMAL SO NORMAL SS 1 2	X7-SB206 X7-SS206-0102 20111110 NORMAL SO NORMAL SS 1 2	X7-SB441 X7-SS441-0102 20121003 NORMAL SO NORMAL SS 1 2	Statistics			
POLYCYCLIC AROMATIC HYDROCARBONS (MG/KG)									Avg. Low MW PAH Conc. (mg/kg)	Avg. High MW PAH Conc. (mg/kg)	Max Low MW PAH Conc. (mg/kg)	Max High MW PAH Conc. (mg/kg)
1-METHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA	0.00446 U	0.00415 U	0.003963897	--	0.005	
2-METHYLNAPHTHALENE	0.004 U	0.004 U	0.004 U	0.0039 U	0.0041 U	0.0041 U	0.00446 U	0.00415 U	0.004340533	--	0.041	
ACENAPHTHENE	0.004 U	0.004 U	0.0076 J	0.0039 U	0.0041 U	0.0041 U	0.00446 U	0.00415 U	0.004707746	--	0.041	
ACENAPHTHYLENE	0.004 U	0.004 U	0.004 U	0.0039 U	0.0041 U	0.0041 U	0.00446 U	0.00415 U	0.004302664	--	0.041	
ANTHRACENE	0.004 U	0.004 U	0.01	0.0039 U	0.0041 U	0.0048 J	0.00446 U	0.00415 U	0.004900779	--	0.041	
BAP EQUIVALENT-HALFND	0.004 U	0.016437	0.33653	0.032372	0.008711	0.120654	0.006879	0.00415 U	--	--		
BENZO(A)ANTHRACENE	0.004 U	0.011	0.17	0.017	0.0046 J	0.065	0.00228 J	0.00415 U	--	0.027733996		0.36
BENZO(A)PYRENE	0.004 U	0.011	0.24	0.024	0.0051 J	0.086	0.00373 J	0.00415 U	--	0.037843012		0.45
BENZO(B)FLUORANTHENE	0.004 U	0.016	0.26	0.03	0.0087	0.1	0.00396 J	0.00415 U	--	0.04922293		0.67
BENZO(G,H,I)PERYLENE	0.004 U	0.0057 J	0.13	0.016	0.0041 U	0.054	0.00348 J	0.00415 U	--	0.026044078		0.30
BENZO(K)FLUORANTHENE	0.004 U	0.0062 J	0.13	0.01	0.0041 U	0.037	0.00446 U	0.00415 U	--	0.019772602		0.19
CHRYSENE	0.004 U	0.015	0.23	0.022	0.0058 J	0.084	0.00303 J	0.00415 U	--	0.034800963		0.43
DIBENZO(A,H)ANTHRACENE	0.004 U	0.004 U	0.039	0.0039 U	0.0041 U	0.012	0.00446 U	0.00415 U	--	0.00959709		0.20
FLUORANTHENE	0.004 U	0.02	0.22	0.022	0.0056 J	0.085	0.00405 J	0.00415 U	0.037258996	--	0.550	
FLUORENE	0.004 U	0.004 U	0.0043 J	0.0039 U	0.0041 U	0.0041 U	0.00446 U	0.00415 U	0.004505205	--	0.041	
INDENO(1,2,3-CD)PYRENE	0.004 U	0.0066 J	0.13	0.016	0.0041 U	0.057	0.0027 J	0.00415 U	--	0.021367275		0.19
NAPHTHALENE	0.004 U	0.004 U	0.004 U	0.0039 U	0.0041 U	0.0041 U	0.00446 U	0.00249 U	0.004195738	--	0.041	
PHENANTHRENE	0.004 U	0.0087	0.06	0.0078 J	0.0041 U	0.025	0.00297 J	0.00415 U	0.012624652	--	0.180	
PYRENE	0.004 U	0.019	0.26	0.023	0.0065 J	0.084	0.00369 J	0.00415 U	--	0.036812602		0.44
<b>Summed Avg. Totals</b>									<b>0.08080</b>	<b>0.26319</b>	<b>0.981</b>	<b>3.230</b>

Green = Low MW PAHs  
 Red = High MW PAHs

J = Estimated value  
 U = Non-detection  
 (considers surface to 2 ft. bgs.)

TABLE G.4-2

POST-INTERIM MEASURES PAH AND BaP EQUIVALENT CONCENTRATIONS IN SURFACE SOIL FOR ECOLOGICAL RISK SCREENING  
 EAST TRAP RANGE  
 UXO 7 INTERIM MEASURES REPORT  
 NSA CRANE, INDIANA  
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LOCATION SAMPLE ID	X7-SB071 X7-SS071-0002	X7-SB079 X7-SS079-0002	X7-SB081 X7-SS081-0002	X7-SB086 X7-SS086-0002	X7-SB244		X7-SB245		X7-SB246		X7-SB248	
SAMPLE DATE	20071005	20071005	20071005	20071005	20111109	20111109	20111109	20111109	20111109	20111109	20111109	20111109
SAMPLE CODE	ORIG	ORIG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	NORMAL
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
SAMPLE TYPE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SUBMATRIX	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS
TOP DEPTH	0	0	0	0	0	1	0	1	0	1	0	1
BOTTOM DEPTH	2	2	2	2	1	2	1	2	1	2	1	2
<b>POLYCYCLIC AROMATIC HYDROCARBONS (MG/KG)</b>												
1-METHYLNAPHTHALENE	NA	NA	NA	NA	0.00401 U	0.00395 U	0.00414 U	0.0385 U	0.00397 U	0.00386 U	0.00408 U	0.0414 U
2-METHYLNAPHTHALENE	0.0016 U	0.0016 U	0.0016 U	0.0017 U	0.00401 U	0.00395 U	0.00414 U	0.0385 U	0.00397 U	0.00386 U	0.00408 U	0.0414 U
ACENAPHTHENE	0.0012 U	0.0011 U	0.0011 U	0.0012 U	0.00401 U	0.00395 U	0.00414 U	0.0385 U	0.00397 U	0.00386 U	0.00408 U	0.0414 U
ACENAPHTHYLENE												
ANTHRACENE	0.00085 U	0.00083 U	0.00084 U	0.0009 U	0.00401 U	0.00543 J	0.0067 J	0.0385 U	0.00397 U	0.00242 J	0.00408 U	0.0414 U
BAP EQUIVALENT-HALFND	0.021323	0.00096 U	0.00097 U	0.001 U	0.058514	0.031289	0.026926	0.049222	0.040368	0.105008	0.008522	0.0414 U
BENZO(A)ANTHRACENE	0.012	0.00087 U	0.00088 U	0.00095 UJ	0.0341	0.0184	0.00414 U	0.0385 U	0.0176	0.0594	0.0037 J	0.0414 U
BENZO(A)PYRENE	0.017	0.00096 U	0.00097 U	0.001 UJ	0.0391	0.0199	0.018	0.0227 J	0.0268	0.0708	0.00497 J	0.0414 U
BENZO(B)FLUORANTHENE	0.02	0.00087 U	0.00088 U	0.00095 UJ	0.0522	0.0252	0.0263	0.0321 J	0.0347	0.0894	0.00673 J	0.0414 U
BENZO(G,H,I)PERYLENE	0.0071	0.00096 U	0.00097 U	0.001 UJ	0.0311	0.0175	0.0183	0.0385 U	0.0255	0.0619	0.00542 J	0.0414 U
BENZO(K)FLUORANTHENE	0.008	0.00045 U	0.00046 U	0.00049 UJ	0.018	0.00985	0.00968	0.0385 U	0.0147	0.035	0.00245 J	0.0414 U
CHRYSENE	0.013	0.00083 U	0.00084 U	0.0009 UJ	0.0438	0.0207	0.00414 U	0.0385 U	0.0208	0.0683	0.00527 J	0.0414 U
DIBENZO(A,H)ANTHRACENE	0.0011 U	0.001 U	0.0011 U	0.0011 UJ	0.00721 J	0.00544 J	0.00412 J	0.0385 U	0.00556 J	0.0128	0.00408 U	0.0414 U
FLUORANTHENE	0.015	0.00083 U	0.00084 U	0.0009 U	0.0451	0.0223	0.0206	0.0275 J	0.0236	0.0688	0.00687 J	0.0414 U
FLUORENE	0.00065 U	0.00064 U	0.00064 U	0.00069 U	0.00401 U	0.00395 U	0.00414 U	0.0385 U	0.00397 U	0.00386 U	0.00408 U	0.0414 U
INDENO(1,2,3-CD)PYRENE	0.0048 J	0.0012 U	0.0012 U	0.0013 UJ	0.0335	0.0147	0.0187	0.0385 U	0.0261	0.0611	0.00439 J	0.0414 U
NAPHTHALENE	0.0012 U	0.0011 U	0.0011 U	0.0012 U	0.00401 U	0.00395 U	0.00414 U	0.0385 U	0.00397 U	0.00386 U	0.00408 U	0.0414 U
PHENANTHRENE	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0133	0.00533 J	0.00684 J	0.0385 U	0.00397 U	0.0118	0.00408 U	0.0414 U
PYRENE	0.017	0.001 U	0.0011 U	0.0011 UJ	0.043	0.0217	0.0191	0.0271 J	0.0229	0.0685	0.00653 J	0.0414 U

Green = Low MW PAHs  
 Red = High MW PAHs

J = Estimated value  
 U = Non-detection  
 (considers surface to 2 ft. bgs.)

TABLE G.4-2

POST-INTERIM MEASURES PAH AND BaP EQUIVALENT CONCENTRATIONS IN SURFACE SOIL FOR ECOLOGICAL RISK SCREENING  
 EAST TRAP RANGE  
 UXO 7 INTERIM MEASURES REPORT  
 NSA CRANE, INDIANA  
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LOCATION SAMPLE ID	X7-SB249		X7-SB250		X7-SB251		X7-SB252		X7-SB253		X7-SB258	
	X7-SS249-0001	X7-SS249-0102	X7-SS250-0001	X7-SS250-0102	X7-SS251-0001	X7-SS251-0102	X7-SS252-0001	X7-SS252-0102	X7-SS253-0001	X7-SS253-0102	X7-SS258-0001	X7-SS258-0102
SAMPLE DATE	20111109	20111109	20111109	20111109	20111109	20111109	20111109	20111109	20111109	20111109	20111109	20111109
SAMPLE CODE	NORMAL	NORMAL	ORIG	NORMAL								
MATRIX	SO											
SAMPLE TYPE	NORMAL											
SUBMATRIX	SS											
TOP DEPTH	0	1	0	1	0	1	0	1	0	1	0	1
BOTTOM DEPTH	1	2	1	2	1	2	1	2	1	2	1	2
<b>POLYCYCLIC AROMATIC HYDROCARBONS (MG/KG)</b>												
1-METHYLNAPHTHALENE	0.0042 U	0.00393 U	0.00392 U	0.00399 U	0.00417 U	0.00399 U	0.00406 U	0.00406 U	0.00403 U	0.00403 U	0.00446 U	0.0042 U
2-METHYLNAPHTHALENE	0.0042 U	0.00393 U	0.00392 U	0.00399 U	0.00417 U	0.00399 U	0.00406 U	0.00406 U	0.00403 U	0.00403 U	0.00446 U	0.0042 U
ACENAPHTHENE	0.0042 U	0.00393 U	0.00392 U	0.00235 J	0.00417 U	0.00399 U	0.00406 U	0.00406 U	0.00403 U	0.00403 U	0.00446 U	0.0042 U
ACENAPHTHYLENE												
ANTHRACENE	0.0022 J	0.00393 U	0.00392 U	0.00481 J	0.00417 U	0.00399 U	0.00406 U	0.00406 U	0.00212 J	0.00255 J	0.00446 U	0.0042 U
BAP EQUIVALENT-HALFND	0.013009	0.026633	0.00892	0.131945	0.018868	0.019647	0.011737	0.036185	0.009352	0.062946	0.0103	0.0042 U
BENZO(A)ANTHRACENE	0.0042 U	0.00393 U	0.00392 U	0.0724	0.00912	0.00858	0.00406 U	0.0211	0.00403 U	0.0291	0.00446 U	0.0042 U
BENZO(A)PYRENE	0.00882	0.0189	0.00531 J	0.0904	0.0117	0.0115	0.00767 J	0.0258	0.00671 J	0.0426	0.00616 J	0.0042 U
BENZO(B)FLUORANTHENE	0.0101	0.027	0.00816	0.113	0.0147	0.0185	0.0102	0.0362	0.00403 U	0.0525	0.01	0.0042 U
BENZO(G,H,I)PERYLENE	0.0087	0.0164	0.00611 J	0.0753	0.0108	0.0118	0.0075 J	0.026	0.00507 J	0.0343	0.00618 J	0.0042 U
BENZO(K)FLUORANTHENE	0.00522 J	0.0125	0.0043 J	0.0456	0.00735 J	0.0057 J	0.00487 J	0.0161	0.00403 U	0.02	0.00373 J	0.0042 U
CHRYSENE	0.0042 U	0.00393 U	0.00392 U	0.0891	0.0121	0.0116	0.00406 U	0.0239	0.00403 U	0.0358	0.00446 U	0.0042 U
DIBENZO(A,H)ANTHRACENE	0.0042 U	0.003 J	0.00392 U	0.0146	0.00364 J	0.004 J	0.00406 U	0.00406 U	0.00403 U	0.00822	0.00446 U	0.0042 U
FLUORANTHENE	0.00932	0.0232	0.0104	0.0887	0.0124	0.0126	0.00776 J	0.0272	0.00836	0.0329	0.00781 J	0.0042 U
FLUORENE	0.0042 U	0.00393 U	0.00392 U	0.00399 U	0.00417 U	0.00399 U	0.00406 U	0.00406 U	0.00403 U	0.00403 U	0.00446 U	0.0042 U
INDENO(1,2,3-CD)PYRENE	0.00815 J	0.0171	0.00593 J	0.0786	0.0106	0.0137	0.00763 J	0.0244	0.00403 U	0.0373	0.00647 J	0.0042 U
NAPHTHALENE	0.0042 U	0.00393 U	0.00392 U	0.00399 U	0.00417 U	0.00399 U	0.00406 U	0.00406 U	0.00403 U	0.00403 U	0.00446 U	0.0042 U
PHENANTHRENE	0.00492 J	0.00671 J	0.00864	0.0219	0.00415 J	0.00595 J	0.00376 J	0.00523 J	0.0048 J	0.0066 J	0.00286 J	0.0042 U
PYRENE	0.00924	0.0219	0.00842	0.0881	0.0115	0.012	0.0076 J	0.0281	0.00725 J	0.0335	0.00724 J	0.0042 U

Green = Low MW PAHs  
 Red = High MW PAHs

J = Estimated value  
 U = Non-detection  
 (considers surface to 2 ft. bgs.)

TABLE G.4-2

POST-INTERIM MEASURES PAH AND BaP EQUIVALENT CONCENTRATIONS IN SURFACE SOIL FOR ECOLOGICAL RISK SCREENING  
 EAST TRAP RANGE  
 UXO 7 INTERIM MEASURES REPORT  
 NSA CRANE, INDIANA  
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LOCATION SAMPLE ID	X7-SB260		X7-SS262	X7-SS263	X7-SB265		X7-SB266		X7-SB267		X7-SB270	
	X7-SS260-0001	X7-SS260-0102	X7-SS262-0102	X7-SS263-0102	X7-SS265-0001	X7-SS265-0102	X7-SS266-0001	X7-SS266-0102	X7-SS267-0001	X7-SS267-0102	X7-SS270-0001	X7-SS270-0102
SAMPLE DATE	20111109	20111109	20111109	20111109	20111109	20111109	20111109	20111109	20111109	20111109	20111109	20111109
SAMPLE CODE	NORMAL	ORIG										
MATRIX	SO											
SAMPLE TYPE	NORMAL											
SUBMATRIX	SS											
TOP DEPTH	0	1	1	1	0	1	0	1	0	1	0	1
BOTTOM DEPTH	1	2	2	2	1	2	1	2	1	2	1	2
<b>POLYCYCLIC AROMATIC HYDROCARBONS (MG/KG)</b>												
1-METHYLNAPHTHALENE	0.00375 U	0.00399 U	0.00397 U	0.00388 U	0.00408 U	0.00415 U	0.00413 U	0.00404 U	0.00397 U	0.00405 U	0.00406 U	0.004 U
2-METHYLNAPHTHALENE	0.00375 U	0.00399 U	0.00397 U	0.00388 U	0.00408 U	0.00415 U	0.00413 U	0.00404 U	0.00397 U	0.00405 U	0.00406 U	0.004 U
ACENAPHTHENE	0.00375 U	0.00271 J	0.00397 U	0.00388 U	0.00408 U	0.00415 U	0.00413 U	0.00404 U	0.00397 U	0.00405 U	0.00406 U	0.004 U
ACENAPHTHYLENE												
ANTHRACENE	0.00375 U	0.00473 J	0.00275 J	0.00388 U	0.00408 U	0.00415 U	0.00413 U	0.00404 U	0.00397 U	0.00405 U	0.00406 U	0.004 U
BAP EQUIVALENT-HALFND	0.012249	0.14745	0.090232	0.005834	0.018418	0.00585	0.013536	0.042804	0.013895	0.022161	0.011843	0.004 U
BENZO(A)ANTHRACENE	0.00375 U	0.0786	0.0458	0.00388 U	0.00408 U	0.00415 U	0.00644 J	0.0201	0.00397 U	0.0117	0.00642 J	0.004 U
BENZO(A)PYRENE	0.00762	0.0997	0.0604	0.00305 J	0.0133	0.00287 J	0.00893	0.0269	0.00957	0.0141	0.00758 J	0.004 U
BENZO(B)FLUORANTHENE	0.0119	0.139	0.0814	0.00345 J	0.0189	0.00467 J	0.0126	0.0406	0.0136	0.0185	0.00949	0.004 U
BENZO(G,H,I)PERYLENE	0.00707 J	0.076	0.0525	0.00274 J	0.00976	0.00221 J	0.00668 J	0.0225	0.0069 J	0.0119	0.00585 J	0.004 U
BENZO(K)FLUORANTHENE	0.00426 J	0.0483	0.0283	0.00196 J	0.00652 J	0.00415 U	0.00497 J	0.0158	0.00561 J	0.00785 J	0.00463 J	0.004 U
CHRYSENE	0.00375 U	0.0973	0.0594	0.00388 U	0.00408 U	0.00415 U	0.00776 J	0.0264	0.00397 U	0.0129	0.00773 J	0.004 U
DIBENZO(A,H)ANTHRACENE	0.00256 J	0.0176	0.0112	0.00388 U	0.00408 U	0.00415 U	0.00413 U	0.00726 J	0.00397 U	0.00378 J	0.00406 U	0.004 U
FLUORANTHENE	0.00902	0.0889	0.0544	0.00286 J	0.0199	0.00642 J	0.00867	0.0237	0.009	0.0132	0.00983	0.004 U
FLUORENE	0.00375 U	0.00201 J	0.00397 U	0.00388 U	0.00408 U	0.00415 U	0.00413 U	0.00404 U	0.00397 U	0.00405 U	0.00406 U	0.004 U
INDENO(1,2,3-CD)PYRENE	0.00647 J	0.0781	0.0557	0.00283 J	0.00917	0.00415 U	0.0058 J	0.0239	0.00723 J	0.0117	0.00588 J	0.004 U
NAPHTHALENE	0.00375 U	0.00399 U	0.00397 U	0.00388 U	0.00408 U	0.00415 U	0.00413 U	0.00404 U	0.00397 U	0.00405 U	0.00406 U	0.004 U
PHENANTHRENE	0.00384 J	0.0199	0.0113	0.00388 U	0.00895	0.0061 J	0.00327 J	0.00441 J	0.0032 J	0.00408 J	0.00483 J	0.004 U
PYRENE	0.00861	0.0903	0.0551	0.00282 J	0.0183	0.00455 J	0.00824 J	0.0229	0.00904	0.013	0.00835	0.004 U

Green = Low MW PAHs  
 Red = High MW PAHs

J = Estimated value  
 U = Non-detection  
 (considers surface to 2 ft. bgs.)

TABLE G.4-2

POST-INTERIM MEASURES PAH AND BaP EQUIVALENT CONCENTRATIONS IN SURFACE SOIL FOR ECOLOGICAL RISK SCREENING  
 EAST TRAP RANGE  
 UXO 7 INTERIM MEASURES REPORT  
 NSA CRANE, INDIANA  
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LOCATION SAMPLE ID	X7-SB491		X7-SB492	X7-SB493		X7-SB494		X7-SB497		X7-SB498		X7-SB502	
	X7-SS491-0001	X7-SS491-0102	X7-SS492-0102	X7-SS493-0001	X7-SS493-0102	X7-SS494-0001	X7-SS494-0102	X7-SS497-0001	X7-SS497-0102	X7-SS498-0001	X7-SS498-0102	X7-SS502-0001	X7-SS502-0102
SAMPLE DATE	20120906	20120906	20120906	20120906	20120906	20120906	20120906	20121003	20121003	20120906	20120906	20120906	20120906
SAMPLE CODE	NORMAL												
MATRIX	SO												
SAMPLE TYPE	NORMAL												
SUBMATRIX	SS												
TOP DEPTH	0	1	1	0	1	0	1	0	1	0	1	0	1
BOTTOM DEPTH	1	2	2	1	2	1	2	1	2	1	2	1	2
<b>POLYCYCLIC AROMATIC HYDROCARBONS (MG/KG)</b>													
1-METHYLNAPHTHALENE	0.00398 U	0.00359 U	0.00365 U	0.00402 U	0.00361 U	0.00403 U	0.00378 U	0.00437 U	0.00405 U	0.00406 U	0.00385 U	0.00416 U	0.00364 U
2-METHYLNAPHTHALENE	0.00398 U	0.00359 U	0.00365 U	0.00402 U	0.00361 U	0.00403 U	0.00378 U	0.00437 U	0.00405 U	0.00406 U	0.00385 U	0.00416 U	0.00364 U
ACENAPHTHENE	0.00398 U	0.00359 U	0.00365 U	0.00402 U	0.00361 U	0.00403 U	0.00378 U	0.00437 U	0.00405 U	0.00406 U	0.00385 U	0.00416 U	0.00364 U
ACENAPHTHYLENE													
ANTHRACENE	0.00398 U	0.00359 U	0.00365 U	0.00281 J	0.00361 U	0.00403 U	0.00378 U	0.00437 U	0.00405 U	0.00406 U	0.00385 U	0.00416 U	0.00364 U
BAP EQUIVALENT-HALFND	0.013488	0.00359 U	0.006738	0.120204	0.00361 U	0.02297	0.00378 U	0.01818	0.034233	0.005223	0.00385 U	0.035132	0.007743
BENZO(A)ANTHRACENE	0.00995	0.00359 U	0.00548 J	0.0751	0.00361 U	0.0157	0.00378 U	0.0136	0.0219	0.00406 U	0.00385 U	0.0212	0.00655 J
BENZO(A)PYRENE	0.00875	0.00359 U	0.00365 J	0.0916	0.00361 U	0.0161	0.00378 U	0.0122	0.0251	0.00244 J	0.00385 U	0.0258	0.00437 J
BENZO(B)FLUORANTHENE	0.0119	0.00359 U	0.00475 J	0.13	0.00361 U	0.0226	0.00378 U	0.0166	0.0353	0.00325 J	0.00385 U	0.0349	0.00618 J
BENZO(G,H,I)PERYLENE	0.00676 J	0.00359 U	0.00365 U	0.0679	0.00361 U	0.0117	0.00378 U	0.00875	0.0146	0.00406 U	0.00385 U	0.0183	0.00291 J
BENZO(K)FLUORANTHENE	0.00398 J	0.00359 U	0.00365 U	0.0422	0.00361 U	0.00847	0.00378 U	0.00656 J	0.0105	0.00406 U	0.00385 U	0.0121	0.00218 J
CHRYSENE	0.00637 J	0.00359 U	0.00256 J	0.0715	0.00361 U	0.0133	0.00378 U	0.00962	0.0231	0.00406 U	0.00385 U	0.0212	0.00327 J
DIBENZO(A,H)ANTHRACENE	0.00398 U	0.00359 U	0.00365 U	0.00402 U	0.00361 U	0.00403 U	0.00378 U	0.00437 U	0.00405 U	0.00406 U	0.00385 U	0.00416 U	0.00364 U
FLUORANTHENE	0.00756 J	0.00359 U	0.00256 J	0.0759	0.00361 U	0.0141	0.00378 U	0.0153	0.0227	0.00284 J	0.00385 U	0.02	0.004 J
FLUORENE	0.00398 U	0.00359 U	0.00365 U	0.00402 U	0.00361 U	0.00403 U	0.00378 U	0.00437 U	0.00405 U	0.00406 U	0.00385 U	0.00416 U	0.00364 U
INDENO(1,2,3-CD)PYRENE	0.00517 J	0.00359 U	0.00219 J	0.0559	0.00361 U	0.00927	0.00378 U	0.007 J	0.0126	0.00406 U	0.00385 U	0.015	0.00255 J
NAPHTHALENE	0.00239 U	0.00215 U	0.00219 U	0.00241 U	0.00216 U	0.00242 U	0.00227 U	0.00262 U	0.00243 U	0.00244 U	0.00231 U	0.0025 U	0.00218 U
PHENANTHRENE	0.00239 J	0.00359 U	0.00365 U	0.0141	0.00361 U	0.00363 J	0.00378 U	0.00743 J	0.00649 J	0.00406 U	0.00385 U	0.00499 J	0.00364 U
PYRENE	0.00836	0.00359 U	0.00256 J	0.0751	0.00361 U	0.0137	0.00378 U	0.0149	0.0243	0.00244 J	0.00385 U	0.0196	0.004 J

Green = Low MW PAHs  
 Red = High MW PAHs

J = Estimated value  
 U = Non-detection  
 (considers surface to 2 ft. bgs.)

TABLE G.4-2

POST-INTERIM MEASURES PAH AND BaP EQUIVALENT CONCENTRATIONS IN SURFACE SOIL FOR ECOLOGICAL RISK SCREENING  
 EAST TRAP RANGE  
 UXO 7 INTERIM MEASURES REPORT  
 NSA CRANE, INDIANA  
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LOCATION SAMPLE ID	X7-SS503 X7-SS503-0102	X7-SB504 X7-SS504-0001 X7-SS504-0102		X7-SB506 X7-SS506-0001 X7-SS506-0102		X7-SB507 X7-SS507-0001 X7-SS507-0102		X7-SB510 X7-SS510-0001 X7-SS510-0102		X7-SS511 X7-SS511-0102	X7-SB513 X7-SS513-0001 X7-SS513-0102	
SAMPLE DATE	20120906	20121003	20121003	20121003	20121003	20120906	20120906	20120906	20120906	20120906	20121003	20121003
SAMPLE CODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	NORMAL	NORMAL
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
SAMPLE TYPE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SUBMATRIX	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS
TOP DEPTH	1	0	1	0	1	0	1	0	1	1	0	1
BOTTOM DEPTH	2	1	2	1	2	1	2	1	2	2	1	2
<b>POLYCYCLIC AROMATIC HYDROCARBONS (MG/KG)</b>												
1-METHYLNAPHTHALENE	0.00408 U	0.00413 U	0.00392 U	0.0041 U	0.00403 U	0.00406 U	0.00384 U	0.00398 U	0.00363 U	0.00388 U	0.00407 U	0.00392 U
2-METHYLNAPHTHALENE	0.00408 U	0.00413 U	0.00392 U	0.0041 U	0.00403 U	0.00406 U	0.00384 U	0.00398 U	0.00363 U	0.00388 U	0.00407 U	0.00392 U
ACENAPHTHENE	0.00408 U	0.00413 U	0.00392 U	0.0041 U	0.00403 U	0.00406 U	0.00384 U	0.00398 U	0.00363 U	0.00388 U	0.00407 U	0.00392 U
ACENAPHTHYLENE												
ANTHRACENE	0.00408 U	0.00413 U	0.00392 U	0.0041 U	0.00403 U	0.00406 U	0.00384 U	0.00398 U	0.00363 U	0.00388 U	0.00407 U	0.00392 U
BAP EQUIVALENT-HALFND	0.011702	0.007384	0.00392 U	0.004738	0.005135	0.004732	0.004552	0.010978	0.054054	0.009779	0.006662	0.00392 U
BENZO(A)ANTHRACENE	0.00897	0.00744 J	0.00392 U	0.0041 U	0.00564 J	0.00406 U	0.00384 U	0.00835	0.0316	0.00776 J	0.00692 J	0.00392 U
BENZO(A)PYRENE	0.00734 J	0.00372 J	0.00392 U	0.0041 U	0.00201 J	0.00406 U	0.00192 J	0.00676 J	0.0411	0.00582 J	0.00326 J	0.00392 U
BENZO(B)FLUORANTHENE	0.0102	0.00579 J	0.00392 U	0.00205 J	0.00322 J	0.00244 J	0.00307 J	0.00954	0.0545	0.00854	0.00448 J	0.00392 U
BENZO(G,H,I)PERYLENE	0.00449 J	0.00289 J	0.00392 U	0.0041 U	0.00403 U	0.00406 U	0.00384 U	0.00477 J	0.0269	0.00388 J	0.00285 J	0.00392 U
BENZO(K)FLUORANTHENE	0.00326 J	0.00248 J	0.00392 U	0.0041 U	0.00403 U	0.00406 U	0.00384 U	0.00358 J	0.0204	0.00349 J	0.00407 U	0.00392 U
CHRYSENE	0.00571 J	0.00331 J	0.00392 U	0.0041 U	0.00201 J	0.00406 U	0.00384 U	0.00477 J	0.0352	0.00466 J	0.00285 J	0.00392 U
DIBENZO(A,H)ANTHRACENE	0.00408 U	0.00413 U	0.00392 U	0.0041 U	0.00403 U	0.00406 U	0.00384 U	0.00398 U	0.00363 U	0.00388 U	0.00407 U	0.00392 U
FLUORANTHENE	0.00897	0.0062 J	0.00392 U	0.0041 U	0.00403 J	0.00406 U	0.0023 J	0.00676 J	0.0327	0.00738 J	0.00488 J	0.00392 U
FLUORENE	0.00408 U	0.00413 U	0.00392 U	0.0041 U	0.00403 U	0.00406 U	0.00384 U	0.00398 U	0.00363 U	0.00388 U	0.00407 U	0.00392 U
INDENO(1,2,3-CD)PYRENE	0.00367 J	0.00248 J	0.00392 U	0.0041 U	0.00403 U	0.00406 U	0.00384 U	0.00398 J	0.0229	0.00349 J	0.00204 J	0.00392 U
NAPHTHALENE	0.00245 U	0.00248 U	0.00235 U	0.00246 U	0.00242 U	0.00244 U	0.0023 U	0.00239 U	0.00218 U	0.00233 U	0.00244 U	0.00235 U
PHENANTHRENE	0.00408 J	0.00372 J	0.00392 U	0.0041 U	0.00403 U	0.00406 U	0.00384 U	0.00398 U	0.00581 J	0.00311 J	0.00285 J	0.00392 U
PYRENE	0.00856	0.00579 J	0.00392 U	0.0041 U	0.00362 J	0.00406 U	0.0023 J	0.00636 J	0.0323	0.00621 J	0.00529 J	0.00392 U

Green = Low MW PAHs  
 Red = High MW PAHs

J = Estimated value  
 U = Non-detection  
 (considers surface to 2 ft. bgs.)

TABLE G.4-2

POST-INTERIM MEASURES PAH AND BaP EQUIVALENT CONCENTRATIONS IN SURFACE SOIL FOR ECOLOGICAL RISK SCREENING  
 EAST TRAP RANGE  
 UXO 7 INTERIM MEASURES REPORT  
 NSA CRANE, INDIANA  
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LOCATION SAMPLE ID	X7-SB518		X7-SB519		X7-SB521		X7-SB522		X7-SB525		X7-SB530		X7-SB531	
	X7-SS518-0001	X7-SS518-0102	X7-SS519-0001	X7-SS519-0102	X7-SS521-0001	X7-SS521-0102	X7-SS522-0001	X7-SS522-0102	X7-SS525-0001	X7-SS525-0102	X7-SS530-0001	X7-SS530-0102	X7-SS531-0001	X7-SS531-0102
SAMPLE DATE	20120906	20120906	20120906	20120906	20120906	20120906	20120906	20120906	20120906	20120906	20120906	20120906	20120906	20120906
SAMPLE CODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	NORMAL							
MATRIX	SO													
SAMPLE TYPE	NORMAL													
SUBMATRIX	SS													
TOP DEPTH	0	1	0	1	0	1	0	1	0	1	0	1	0	1
BOTTOM DEPTH	1	2	1	2	1	2	1	2	1	2	1	2	1	2
<b>POLYCYCLIC AROMATIC HYDROCARBONS (MG/KG)</b>														
1-METHYLNAPHTHALENE	0.00404 U	0.00369 U	0.0039 U	0.00366 U	0.00394 U	0.0038 U	0.00411 U	0.00386 U	0.0041 U	0.00387 U	0.00414 U	0.00393 U	0.00398 U	0.0406 U
2-METHYLNAPHTHALENE	0.00404 U	0.00369 U	0.0039 U	0.00366 U	0.00394 U	0.0038 U	0.00411 U	0.00386 U	0.0041 U	0.00387 U	0.00414 U	0.00393 U	0.00398 U	0.0406 U
ACENAPHTHENE	0.00404 U	0.00369 U	0.0039 U	0.00366 U	0.00394 U	0.0038 U	0.00411 U	0.00386 U	0.0041 U	0.00387 U	0.00414 U	0.00393 U	0.00398 U	0.0406 U
ACENAPHTHYLENE														
ANTHRACENE	0.00404 U	0.00369 U	0.0039 U	0.00366 U	0.00394 U	0.0038 U	0.00411 U	0.00386 U	0.0041 U	0.00387 U	0.00414 U	0.00314 J	0.00398 U	0.0406 U
BAP EQUIVALENT -HALFND	0.038344	0.008783	0.029495	0.022738	0.012607	0.004961	0.011091	0.004576	0.005722	0.00387 U	0.01321	0.132468	0.011096	0.061033
BENZO(A)ANTHRACENE	0.0234	0.00702 J	0.0179	0.0161	0.0102	0.0038 U	0.00945	0.00386 U	0.0041 U	0.00387 U	0.0103	0.0762	0.00955	0.0406 U
BENZO(A)PYRENE	0.0283	0.00517 J	0.0214	0.0161	0.00788	0.00228 J	0.00657 J	0.00193 J	0.00287 J	0.00387 U	0.00827	0.103	0.00676 J	0.0324 J
BENZO(B)FLUORANTHENE	0.0388	0.00738 J	0.0288	0.0212	0.0114	0.0038 J	0.0103	0.00309 J	0.00369 J	0.00387 U	0.0124	0.14	0.00995	0.0365 J
BENZO(G,H,I)PERYLENE	0.0198	0.00369 J	0.016	0.0121	0.0067 J	0.0038 U	0.00534 J	0.00386 U	0.00287 J	0.00387 U	0.00703 J	0.0589	0.00438 J	0.0243 J
BENZO(K)FLUORANTHENE	0.0121	0.00295 J	0.00974	0.00769	0.00394 J	0.0038 U	0.00329 J	0.00386 U	0.0041 U	0.00387 U	0.00538 J	0.0483	0.00318 J	0.0406 U
CHRYSENE	0.023	0.00369 J	0.0171	0.0132	0.0067 J	0.0038 U	0.00616 J	0.00386 U	0.0041 U	0.00387 U	0.00786 J	0.0896	0.00597 J	0.0406 U
DIBENZO(A,H)ANTHRACENE	0.00404 U	0.00369 U	0.0039 U	0.00366 U	0.00394 U	0.0038 U	0.00411 U	0.00386 U	0.0041 U	0.00387 U	0.00414 U	0.00393 U	0.00398 U	0.0406 U
FLUORANTHENE	0.0198	0.0048 J	0.0183	0.0132	0.00788	0.00304 J	0.00986	0.00231 J	0.00328 J	0.00387 U	0.00703 J	0.0762	0.00835	0.0406 U
FLUORENE	0.00404 U	0.00369 U	0.0039 U	0.00366 U	0.00394 U	0.0038 U	0.00411 U	0.00386 U	0.0041 U	0.00387 U	0.00414 U	0.00393 U	0.00398 U	0.0406 U
INDENO(1,2,3-CD)PYRENE	0.0166	0.00295 J	0.0136	0.00988	0.00551 J	0.0038 U	0.00452 J	0.00386 U	0.00205 J	0.00387 U	0.00538 J	0.0531	0.00358 J	0.0243 J
NAPHTHALENE	0.00242 U	0.00222 U	0.00234 U	0.0022 U	0.00236 U	0.00228 U	0.00247 U	0.00231 U	0.00246 U	0.00232 U	0.00248 U	0.00393 J	0.00239 U	0.0243 U
PHENANTHRENE	0.00444 J	0.00369 U	0.00468 J	0.00366 J	0.00236 J	0.0038 U	0.00534 J	0.00386 U	0.0041 U	0.00387 U	0.00414 U	0.0145	0.00318 J	0.0406 U
PYRENE	0.0194	0.00443 J	0.0195	0.0132	0.00709 J	0.00228 J	0.0074 J	0.00193 J	0.00287 J	0.00387 U	0.00662 J	0.0794	0.00756 J	0.0406 U

Green = Low MW PAHs  
 Red = High MW PAHs

J = Estimated value  
 U = Non-detection  
 (considers surface to 2 ft. bgs.)

TABLE G.4-2

POST-INTERIM MEASURES PAH AND BaP EQUIVALENT CONCENTRATIONS IN SURFACE SOIL FOR ECOLOGICAL RISK SCREENING  
 EAST TRAP RANGE  
 UXO 7 INTERIM MEASURES REPORT  
 NSA CRANE, INDIANA  
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LOCATION SAMPLE ID	X7-SB533		X7-SB536		X7-SB540		X7-SB542		X7-SB546		X7-ETR1-AA-SOCW	X7-ETR1-A-SOCF	X7-ETR1-BA-SOCW
	X7-SS533-0001	X7-SS533-0102	X7-SS536-0001	X7-SS536-0102	X7-SS540-0001	X7-SS540-0102	X7-SS542-0001	X7-SS542-0102	X7-SS546-0001	X7-SS546-0102	X7-ETR1-AA-SOCW001-0001	X7-ETR1-A-SOCF001	X7-ETR1-BA-SOCW002-0001
SAMPLE DATE	20121003	20121003	20120906	20120906	20121003	20121003	20120906	20120906	20121003	20121003	20140313	20140313	20140313
SAMPLE CODE	NORMAL	NORMAL	NORMAL										
MATRIX	SO	SO	SO										
SAMPLE TYPE	NORMAL	NORMAL	NORMAL										
SUBMATRIX	SS	SS	SS										
TOP DEPTH	0	1	0	1	0	1	0	1	0	1	0	1	0
BOTTOM DEPTH	1	2	1	2	1	2	1	2	1	2	1	1	1
<b>POLYCYCLIC AROMATIC HYDROCARBONS (MG/KG)</b>													
1-METHYLNAPHTHALENE	0.00403 U	0.00416 U	0.00422 U	0.00392 U	0.00409 U	0.00402 U	0.00408 U	0.00384 U	0.00408 U	0.00402 U	NA	NA	NA
2-METHYLNAPHTHALENE	0.00403 U	0.00416 U	0.00422 U	0.00392 U	0.00409 U	0.00402 U	0.00408 U	0.00384 U	0.00408 U	0.00402 U	0.0042 U	0.0041 U	0.0043 U
ACENAPHTHENE	0.00403 U	0.00416 U	0.00422 U	0.00392 U	0.00409 U	0.00402 U	0.00408 U	0.00384 U	0.00408 U	0.00402 U	0.0042 U	0.0041 U	0.0043 U
ACENAPHTHYLENE											0.0042 U	0.0041 U	0.0043 U
ANTHRACENE	0.00403 U	0.00416 U	0.00211 J	0.00392 U	0.00409 U	0.00402 U	0.00408 U	0.00384 U	0.00408 U	0.00402 U	0.0042 U	0.0041 U	0.0043 U
BAP EQUIVALENT - HALFND	0.00403 U	0.125416	0.009767	0.004648	0.006783	0.010647	0.007203	0.004476	0.028187	0.00402 U	0.014084	0.075801	0.013792
BENZO(A)ANTHRACENE	0.00403 U	0.0741	0.00928	0.00392 U	0.00573 J	0.00844	0.00612 J	0.00384 U	0.0184	0.00402 U	0.0083 J	0.046	0.0087
BENZO(A)PYRENE	0.00403 U	0.092	0.00548 J	0.00196 J	0.00327 J	0.00643 J	0.00367 J	0.00384 U	0.02	0.00402 U	0.0097	0.053	0.0092
BENZO(B)FLUORANTHENE	0.00403 U	0.123	0.00886	0.00314 J	0.00532 J	0.00924	0.00571 J	0.00231 J	0.0298	0.00402 U	0.012	0.07	0.013
BENZO(G,H,I)PERYLENE	0.00403 U	0.0475	0.00422 J	0.00392 U	0.00368 J	0.00442 J	0.00367 J	0.00384 U	0.0147	0.00402 U	0.0042 U	0.024	0.0043 U
BENZO(K)FLUORANTHENE	0.00403 U	0.0421	0.00211 J	0.00392 U	0.00287 J	0.00321 J	0.00408 U	0.00384 U	0.00898	0.00402 U	0.0035 J	0.025	0.0047 J
CHRYSENE	0.00403 U	0.0849	0.00464 J	0.00392 U	0.00205 J	0.00522 J	0.00326 J	0.00384 U	0.0171	0.00402 U	0.0091	0.051	0.0098
DIBENZO(A,H)ANTHRACENE	0.00403 U	0.00874	0.00422 U	0.00392 U	0.00205 J	0.00402 U	0.00408 U	0.00384 U	0.00204 J	0.00402 U	0.0042 U	0.0089	0.0043 U
FLUORANTHENE	0.00403 U	0.0787	0.0148	0.00314 J	0.00287 J	0.00563 J	0.00449 J	0.00346 J	0.0167	0.00402 U	0.0085 J	0.053	0.011
FLUORENE	0.00403 U	0.00416 U	0.00422 U	0.00392 U	0.00409 U	0.00402 U	0.00408 U	0.00384 U	0.00408 U	0.00402 U	0.0042 U	0.0041 U	0.0043 U
INDENO(1,2,3-CD)PYRENE	0.00403 U	0.0446	0.00337 J	0.00392 U	0.00327 J	0.00402 J	0.00286 J	0.00384 U	0.0122	0.00402 U	0.0042 U	0.02	0.0043 U
NAPHTHALENE	0.00242 U	0.0025 U	0.00253 U	0.00235 U	0.00246 U	0.00241 U	0.00245 U	0.00231 U	0.00245 U	0.00241 U	0.0042 U	0.0041 U	0.0043 U
PHENANTHRENE	0.00403 U	0.0104	0.00928	0.00392 U	0.00409 U	0.00402 U	0.00408 U	0.00231 J	0.00326 J	0.00402 U	0.0042 U	0.012	0.0043 U
PYRENE	0.00403 U	0.0879	0.0114	0.00275 J	0.00327 J	0.00683 J	0.00408 J	0.00269 J	0.0163	0.00402 U	0.0073 J	0.049	0.01

Green = Low MW PAHs  
 Red = High MW PAHs

J = Estimated value  
 U = Non-detection  
 (considers surface to 2 ft. bgs.)

TABLE G.4-2

POST-INTERIM MEASURES PAH AND BaP EQUIVALENT CONCENTRATIONS IN SURFACE SOIL FOR ECOLOGICAL RISK SCREENING  
 EAST TRAP RANGE  
 UXO 7 INTERIM MEASURES REPORT  
 NSA CRANE, INDIANA  
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LOCATION SAMPLE ID	X7-ETR2-AA-SOCW X7-ETR2-AA-SOCW001-0102	X7-ETR2-AB-SOCW X7-ETR2-AB-SOCW002-0102	X7-ETR2-A-SOCF X7-ETR2-A-SOCF001	X7-ETR2-BA-SOCW X7-ETR2-BA-SOCW003-0002	X7-ETR2-CA-SOCW X7-ETR2-CA-SOCW004-0002	X7-ETR2-DA-SOCW X7-ETR2-DA-SOCW005-0002	X7-ETR2-EA-SOCW X7-ETR2-EA-SOCW006-0002	X7-ETR2-FA-SOCW X7-ETR2-FA-SOCW007-0002	X7-ETR3-CA-SOCW X7-ETR3-CA-SOCW004-0102	X7-ETR3-DA-SOCW X7-ETR3-DA-SOCW006-0102	X7-ETR3-EA-SOCW X7-ETR3-EA-SOCW008-0002	X7-ETR4-AA-SOCW X7-ETR4-AA-SOCW001-0001	X7-ETR4-A-SOCF X7-ETR4-A-SOCF001
SAMPLE DATE	20140313	20140313	20140313	20140313	20140313	20140313	20140314	20140313	20140313	20140313	20140313	20140305	20140305
SAMPLE CODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
SAMPLE TYPE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SUBMATRIX	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS
TOP DEPTH	1	1	2	0	0	0	0	0	1	1	0	0	1
BOTTOM DEPTH	2	2	2	2	2	2	2	2	2	2	2	1	1
<b>POLYCYCLIC AROMATIC HYDROCARBONS (MG/KG)</b>													
1-METHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-METHYLNAPHTHALENE	0.0042 U	0.0041 U	0.004 U	0.0043 U	0.0041 U	0.0042 U	0.0042 U	0.0041 U	0.0041 U	0.0041 U	0.0042 U	0.0046 U	0.0042 U
ACENAPHTHENE	0.0042 U	0.0041 U	0.004 U	0.0043 U	0.0041 U	0.0042 U	0.0041 U	0.0041 U	0.0041 U	0.0041 U	0.0042 U	0.0046 U	0.0061 J
ACENAPHTHYLENE	0.0042 U	0.0041 U	0.004 U	0.0043 U	0.0041 U	0.0042 U	0.0042 U	0.0041 U	0.0041 U	0.0041 U	0.0042 U	0.0046 U	0.0042 U
ANTHRACENE	0.0042 U	0.0041 U	0.004 U	0.0043 U	0.0041 U	0.0048 J	0.0042 U	0.0041 U	0.0042 J	0.0041 U	0.0042 U	0.0046 U	0.0082 J
BAP EQUIVALENT-HALFND	0.058862	0.038623	0.01714	0.0448	0.058268	0.134874	0.035061	0.01158	0.152159	0.059029	0.018389	0.0026 U	0.004802
BENZO(A)ANTHRACENE	0.037	0.041	0.01	0.024	0.031	0.077	0.042	0.0066 J	0.081	0.034	0.012	0.0046 U	0.0045 J
BENZO(A)PYRENE	0.042	0.016	0.012	0.031	0.043	0.094	0.016	0.0076 J	0.11	0.042	0.013	0.0026 U	0.0036 U
BENZO(B)FLUORANTHENE	0.05	0.069	0.016	0.04	0.055	0.13	0.07	0.01	0.13	0.056	0.018	0.0046 U	0.0042 U
BENZO(G,H,I)PERYLENE	0.017	0.03	0.0054 J	0.019	0.014	0.047	0.021	0.0041 U	0.048	0.017	0.0049 J	0.0046 U	0.0042 U
BENZO(K)FLUORANTHENE	0.022	0.027	0.0068 J	0.017	0.023	0.058	0.031	0.0058 J	0.066	0.019	0.0066 J	0.0028 U	0.0028 J
CHRYSENE	0.042	0.053	0.012	0.03	0.038	0.094	0.051	0.0074 J	0.099	0.039	0.013	0.0046 U	0.0044 J
DIBENZO(A,H)ANTHRACENE	0.0066 J	0.0082 J	0.004 U	0.0054 J	0.0049 J	0.015	0.0053 J	0.0041 U	0.016	0.0063 J	0.0042 U	0.0046 U	0.0042 U
FLUORANTHENE	0.041	0.048	0.013	0.025	0.034	0.096	0.046	0.0098	0.1	0.046	0.02	0.0046 U	0.0072 J
FLUORENE	0.0042 U	0.0041 U	0.004 U	0.0043 U	0.0041 U	0.0042 U	0.0042 U	0.0041 U	0.0041 U	0.0041 U	0.0042 U	0.0046 U	0.01
INDENO(1,2,3-CD)PYRENE	0.013	0.031	0.0046 J	0.018	0.015	0.045	0.022	0.0041 U	0.043	0.015	0.0042 U	0.0046 U	0.0042 U
NAPHTHALENE	0.0042 U	0.0041 U	0.004 U	0.0043 U	0.0041 U	0.0042 U	0.0042 U	0.0041 U	0.0041 U	0.0041 U	0.0042 U	0.0046 U	0.0042 U
PHENANTHRENE	0.008 J	0.01	0.0034 J	0.0057 J	0.0084	0.02	0.013	0.0041 U	0.02	0.011	0.0097	0.0033 U	0.0083 J
PYRENE	0.041	0.047	0.012	0.028	0.03	0.087	0.051	0.0086	0.095	0.042	0.017	0.0046 U	0.0062 J

Green = Low MW PAHs  
 Red = High MW PAHs

J = Estimated value  
 U = Non-detection  
 (considers surface to 2 ft. bgs.)

TABLE G.4-2

POST-INTERIM MEASURES PAH AND BaP EQUIVALENT CONCENTRATIONS IN SURFACE SOIL FOR ECOLOGICAL RISK SCREENING  
 EAST TRAP RANGE  
 UXO 7 INTERIM MEASURES REPORT  
 NSA CRANE, INDIANA  
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LOCATION SAMPLE ID	X7-ETR4-BA-SOCW X7-ETR4-BA-SOCW002-0001	X7-ETR4-CA-SOCW X7-ETR4-CA-SOCW003-0001	X7-ETR5-AA-SOCW X7-ETR5-AA-SOCW001-0002	X7-ETR5-A-SOCF X7-ETR5-A-SOCF001	X7-ETR5-BA-SOCW X7-ETR5-BA-SOCW002-0002	X7-ETR5-CA-SOCW X7-ETR5-CA-SOCW003-0002	X7-ETR5-DA-SOCW X7-ETR5-DA-SOCW004-0002	X7-ETR6-AA-SOCW X7-ETR6-AA-SOCW001-0002	X7-ETR6-A-SOCF X7-ETR6-A-SOCF001	X7-ETR6-BA-SOCW X7-ETR6-BA-SOCW002-0002	X7-ETR6-B-SOCF X7-ETR6-B-SOCF002	X7-ETR6-CA- X7-ETR6-CA-SOCW003-0002
SAMPLE DATE	20140305	20140305	20140305	20140305	20140305	20140305	20140305	20140314	20140314	20140313	20140314	20140313
SAMPLE CODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
SAMPLE TYPE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SUBMATRIX	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS
TOP DEPTH	0	0	0	2	0	0	0	0	2	0	2	0
BOTTOM DEPTH	1	1	2	2	2	2	2	2	2	2	2	2

**POLYCYCLIC AROMATIC  
 HYDROCARBONS (MG/KG)**

1-METHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA						
2-METHYLNAPHTHALENE	0.0044 U	0.0042 U	0.0044 U	0.0042 U	0.0049 J	0.0045 U	0.0044 U	0.041 U	0.004 U	0.004 U	0.0043 U	0.004 U
ACENAPHTHENE	0.0044 U	0.0042 U	0.0044 U	0.0042 U	0.0053 J	0.0045 U	0.0044 U	0.041 U	0.004 U	0.004 U	0.0043 U	0.004 U
ACENAPHTHYLENE	0.0044 U	0.0042 U	0.0044 U	0.0042 U	0.0052 J	0.0045 U	0.0044 U	0.041 U	0.004 U	0.004 U	0.0043 U	0.004 U
ANTHRACENE	0.0044 U	0.0042 U	0.0044 U	0.0042 U	0.011	0.0045 U	0.0044 U	0.041 U	0.004 U	0.004 U	0.0043 U	0.0062 J
BAP EQUIVALENT-HALFND	0.0036 U	0.007185	0.007786	0.0018 U	0.0019 U	0.006316	0.0035 U	0.015 U	0.007877	0.021305	0.0016 U	0.147726
BENZO(A)ANTHRACENE	0.0044 U	0.0066 J	0.0062 J	0.0042 U	0.0044 U	0.0045 U	0.0044 U	0.041 U	0.0046 J	0.014	0.0043 U	0.087 J
BENZO(A)PYRENE	0.0036 U	0.0074 U	0.0074 U	0.0018 U	0.0019 U	0.0053 U	0.0035 U	0.015 U	0.0045 J	0.015	0.0016 U	0.1 J
BENZO(B)FLUORANTHENE	0.0044 U	0.0094 U	0.01	0.0042 U	0.0044 U	0.0095	0.0044 U	0.041 U	0.0068 J	0.024	0.0043 U	0.13 J
BENZO(G,H,I)PERYLENE	0.0044 U	0.0042 U	0.0044 U	0.0042 U	0.0044 U	0.0045 U	0.0044 U	0.041 U	0.004 U	0.0049 J	0.0043 U	0.064 J
BENZO(K)FLUORANTHENE	0.0027 U	0.0038 J	0.0039 J	0.0025 U	0.0027 U	0.0027 U	0.0026 U	0.025 U	0.0032 J	0.0089	0.0026 U	0.063 J
CHRYSENE	0.0044 U	0.0069 J	0.0074 J	0.0042 U	0.0044 U	0.0045 U	0.0044 U	0.041 U	0.0053 J	0.016	0.0043 U	0.096 J
DIBENZO(A,H)ANTHRACENE	0.0044 U	0.0042 U	0.0044 U	0.0042 U	0.0044 U	0.0045 U	0.0044 U	0.041 U	0.004 U	0.004 U	0.0043 U	0.02
FLUORANTHENE	0.0049 J	0.0086	0.0072 J	0.0042 U	0.0051 J	0.0045 U	0.0044 J	0.041 U	0.0045 J	0.016	0.0043 U	0.11 J
FLUORENE	0.0044 U	0.0042 U	0.0044 U	0.0042 U	0.012	0.0045 U	0.0044 U	0.041 U	0.004 U	0.004 U	0.0043 U	0.004 U
INDENO(1,2,3-CD)PYRENE	0.0044 U	0.0042 U	0.0044 U	0.0042 U	0.0044 U	0.0045 U	0.0044 U	0.041 U	0.004 U	0.004 J	0.0043 U	0.053 J
NAPHTHALENE	0.0044 U	0.0042 U	0.0044 U	0.0042 U	0.0044 U	0.0045 U	0.0044 U	0.041 U	0.004 U	0.004 U	0.0043 U	0.004 U
PHENANTHRENE	0.0032 U	0.0051 J	0.0032 U	0.0031 U	0.0094	0.0033 U	0.004 J	0.03 U	0.0029 U	0.0048 J	0.0031 U	0.029 J
PYRENE	0.0044 U	0.0078 J	0.0067 J	0.0042 U	0.0044 U	0.0045 U	0.0044 U	0.041 U	0.0053 J	0.015	0.0043 U	0.085 J

Green = Low MW PAHs  
 Red = High MW PAHs

J = Estimated value  
 U = Non-detection  
 (considers surface to 2 ft. bgs.)

TABLE G.4-2

POST-INTERIM MEASURES PAH AND BaP EQUIVALENT CONCENTRATIONS IN SURFACE SOIL FOR ECOLOGICAL RISK SCREENING  
 EAST TRAP RANGE  
 UXO 7 INTERIM MEASURES REPORT  
 NSA CRANE, INDIANA  
 PAGE 10 OF 10

LOCATION SAMPLE ID	X7-ETR6-DA-SOCW X7-ETR6-DA-SOCW004- 0002	X7-ETR6-EA-SOCW X7-ETR6-EA-SOCW005- 0002	X7-ETR6-FA-SOCW X7-ETR6-FA-SOCW006- 0002	X7-ETR6-GA- X7-ETR6-GA-SOCW007- 0002	X7-ETR6-HA-SOCW X7-ETR6-HA-SOCW008- 0002	X7-ETR6-IA- X7-ETR6-IA-SOCW009- 0002	X7-ETR6-JA-SOCW X7-ETR6-JA-SOCW010- 0002	X7-ETR7-AA-SOCW X7-ETR7-AA-SOCW001- 0002	Statistics			
SAMPLE DATE	20140313	20140313	20140313	20140313	20140314	20140314	20140314	20140313	Avg. Low MW PAH Conc. (mg/kg)	Avg. High MW PAH Conc. (mg/kg)	Max Low MW PAH Conc. (mg/kg)	Max High MW PAH Conc. (mg/kg)
SAMPLE CODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL				
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO				
SAMPLE TYPE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL				
SUBMATRIX	SS	SS	SS	SS	SS	SS	SS	SS				
TOP DEPTH	0	0	0	0	0	0	0	0				
BOTTOM DEPTH	2	2	2	2	2	2	2	2				
POLYCYCLIC AROMATIC HYDROCARBONS (MG/KG)												
1-METHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	0.005327531	--	0.041	
2-METHYLNAPHTHALENE	0.0041 U	0.0043 U	0.0042 U	0.0043 U	0.0042 U	0.0041 U	0.004 U	0.0041 U	0.00517876	--	0.041	
ACENAPHTHENE	0.0041 U	0.0043 U	0.0086	0.0043 U	0.0051 J	0.0041 U	0.004 U	0.0041 U	0.005201736	--	0.041	
ACENAPHTHYLENE	0.0041 U	0.0043 U	0.0042 U	0.0043 U	0.0042 U	0.0041 U	0.004 U	0.0041 U	0.005247222	--	0.041	
ANTHRACENE	0.0041 U	0.0043 U	0.016	0.0043 U	0.0042 U	0.0041 U	0.004 UJ	0.0041 U	0.00530405	--	0.041	
BAP EQUIVALENT-HALFND	0.017174	0.007606	0.42967	0.042876	0.110847	0.02943	0.006196	0.030407	--	--		
BENZO(A)ANTHRACENE	0.011	0.0043 U	0.23	0.025	0.054	0.015	0.004 U	0.018	--	0.018740909		0.23
BENZO(A)PYRENE	0.012	0.0045 J	0.29	0.029	0.08	0.022	0.0033 J	0.02	--	0.021307107		0.29
BENZO(B)FLUORANTHENE	0.015	0.005 J	0.38	0.038	0.11	0.03	0.0048 J	0.026 J	--	0.029132397		0.38
BENZO(G,H,I)PERYLENE	0.0059 J	0.0043 U	0.19	0.017	0.032	0.0088	0.004 U	0.012	--	0.015299752		0.19
BENZO(K)FLUORANTHENE	0.0081 J	0.0043 U	0.14	0.015	0.038	0.012	0.0024 U	0.0089	--	0.012593967		0.14
CHRYSENE	0.013	0.0043 J	0.27	0.026	0.067	0.02	0.0041 J	0.018	--	0.020530992		0.27
DIBENZO(A,H)ANTHRACENE	0.0041 U	0.0043 U	0.06	0.0059 J	0.011	0.0041 U	0.004 U	0.0047 J	--	0.006575041		0.06
FLUORANTHENE	0.015	0.0045 J	0.33	0.028	0.053	0.015	0.0047 J	0.018	0.021817025	--	0.330	
FLUORENE	0.0041 U	0.0043 U	0.0055 J	0.0043 U	0.0042 U	0.0041 U	0.004 U	0.0041 U	0.005247686	--	0.041	
INDENO(1,2,3-CD)PYRENE	0.0043 J	0.0043 U	0.17	0.015	0.03	0.0074 J	0.004 UJ	0.012	--	0.014430248		0.17
NAPHTHALENE	0.0064 J	0.0043 U	0.0065 J	0.0043 U	0.0042 U	0.0041 U	0.004 U	0.0041 U	0.004447521	--	0.041	
PHENANTHRENE	0.0066 J	0.0043 U	0.079	0.0053 J	0.012	0.0043 J	0.0029 U	0.0034 J	0.007566612	--	0.079	
PYRENE	0.015	0.0074 J	0.26	0.025	0.064	0.017	0.0049 J	0.018 J	--	0.020779587		0.26
<b>Summed Avg. Totals</b>									<b>0.06534</b>	<b>0.15939</b>	<b>0.698</b>	<b>1.990</b>

Green = Low MW PAHs  
 Red = High MW PAHs

J = Estimated value  
 U = Non-detection  
 (considers surface to 2 ft. bgs.)

**APPENDIX H**

**RESPONSES TO USEPA COMMENTS AND USEPA APPROVAL**

## Cohen, Deborah

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-----Original Message-----

From: Ramanauskas, Peter [mailto:ramanauskas.peter@epa.gov]

Sent: Tuesday, November 03, 2015 9:45 AM

To: Cole, Linda L CIV NAVFAC MIDLANT, IPTNE <linda.cole@navy.mil>

Cc: Brent, Thomas CIV NAVFAC MIDLANT, PWD Crane <thomas.brent@navy.mil>; Cohen, Deborah <Deborah.Cohen@tetrattech.com>; dgriffin@idem.in.gov

Subject: RE: NSA Crane - UXO 7 - Status - 20150918

Linda/Tom,

Just wanted to get back to you on UXO 7 IMR. The September 9, 2015 responses are acceptable. We recommend that when finalizing the IMR, the Navy include text stating that an exposure barrier (sand and 6 inches clean soil) was placed over any soil with residual contamination (below Eco-SSL benchmarks and LOAEL PRG values).

Sorry it took a bit longer to get back to you on this. Let me know if you have questions.

Thanks,  
Pete

## Cohen, Deborah

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**From:** Brent, Thomas CIV NAVFAC MIDLANT, PWD Crane <thomas.brent@navy.mil>  
**Sent:** Wednesday, September 09, 2015 3:30 PM  
**To:** Ramanauskas, Peter  
**Cc:** Cole, Linda L CIV NAVFAC MIDLANT, IPTNE; Bernhardt, Aaron; Basinski, Ralph; Cohen, Deborah  
**Subject:** RE: IMR\_UXO7\_Draft Final N62470-08-D-1008/F271  
**Attachments:** Response to Additional EPA Comment\_Draft Final IMR for UXO 7.docx  
**Signed By:** thomas.brent@navy.mil

Pete,

Attached are the responses to Dan's comments on the UXO 7 IMR. Hopefully this ties up all of the comments, but if you should have further questions or comments, please let me know and maybe we can jump on a call to get it sorted out.

Thanks,  
Tom

-----Original Message-----

From: Ramanauskas, Peter [mailto:ramanauskas.peter@epa.gov]  
Sent: Friday, July 17, 2015 5:26 PM  
To: Brent, Thomas CIV NAVFAC MIDLANT, PWD Crane  
Subject: FW: IMR\_UXO7\_Draft Final N62470-08-D-1008/F271

Tom,

Some feedback from Dan on your responses to comments. Let us know if you have questions or need clarification.

Thanks,  
Pete

-----Original Message-----

From: Mazur, Dan  
Sent: Friday, July 17, 2015 4:08 PM  
To: Ramanauskas, Peter; Mangino, Mario  
Subject: RE: IMR\_UXO7\_Draft Final N62470-08-D-1008/F271

Pete,

I have a follow-up comment on the Navy's reply to Item 3 as follows:

Each sample's summed LMW and HMW PAH values needs to be compared to the corresponds Eco-SSL LMW and HMW screening benchmark. For Tables G.4-1 and G.4-2, please sum the LMW and HMW data for each individual sample. For example, using sample ID "X7-WTR4-CA- (on page 9 of 10) the sum of the LMW PAHs is 0.4736 mg/kg and the sum of the HMW PAHs is 2.497 mg/kg. All of the individual samples in Tables G.4-1 and G.4-2 need to have both LMW and HMW PAH values calculated. Also the corresponding text will need revised.

For a screening ecological risk assessment (SERA), the sample with the highest contaminant concentration will be compared to the screening benchmark. It's not appropriate to average the data of all the samples for a SERA.

Let me know if this comment is clearly understood.

Dan

-----Original Message-----

From: Ramanauskas, Peter  
Sent: Wednesday, July 08, 2015 8:24 AM  
To: Mazur, Dan; Mangino, Mario  
Subject: FW: IMR\_UXO7\_Draft Final N62470-08-D-1008/F271

Hello Gentlemen,

Just wanted to check in on this one to see if you had any additional comments on the Navy's responses.

Thanks,  
Peter

-----Original Message-----

From: Ramanauskas, Peter  
Sent: Tuesday, June 23, 2015 11:19 AM  
To: Daniel Mazur; Mario Mangino  
Subject: FW: IMR\_UXO7\_Draft Final N62470-08-D-1008/F271

Hello Gentlemen,

Passing along the Navy's responses to our comments on the subject report. Please let me know if you have any issues with their responses on UCL or the eco risks.

Thanks,  
Peter

-----Original Message-----

From: Brent, Thomas CIV NAVFAC MIDLANT, PWD Crane [mailto:thomas.brent@navy.mil]  
Sent: Monday, June 22, 2015 8:25 AM  
To: Ramanauskas, Peter  
Cc: Cole, Linda L CIV NAVFAC MIDLANT, IPTNE; dgriffin@idem.in.gov; Cohen, Deborah; Barringer, Rick; Basinski, Ralph  
Subject: RE: IMR\_UXO7\_Draft Final N62470-08-D-1008/F271

Pete,

The attached PDF provides containing responses to your May 11, 2015 comments. Please review and let us know if you have any questions. Please let me know if you need the native Word or Excel files.

Thanks,  
Tom

-----Original Message-----

From: Ramanauskas, Peter [mailto:ramanauskas.peter@epa.gov]

**RESPONSES TO USEPA REGION 5 FOLLOW-UP COMMENTS (07/17/15) ON  
DRAFT-FINAL UXO 7 INTERIM MEASURES REPORT (January 2015)  
NSA CRANE, CRANE, INDIANA**

**Comment:** Each sample's summed LMW and HMW PAH values needs to be compared to the corresponds Eco-SSL LMW and HMW screening benchmark. For Tables G.4-1 and G.4-2, please sum the LMW and HMW data for each individual sample. For example, using sample ID "X7-WTR4-CA- (on page 9 of 10) the sum of the LMW PAHs is 0.4736 mg/kg and the sum of the HMW PAHs is 2.497 mg/kg. All of the individual samples in Tables G.4-1 and G.4-2 need to have both LMW and HMW PAH values calculated. Also the corresponding text will need revised.

For a screening ecological risk assessment (SERA), the sample with the highest contaminant concentration will be compared to the screening benchmark. It's not appropriate to average the data of all the samples for a SERA.

**Response:** The evaluation in the IMR was not a SERA, but just an evaluation of the residual risks. The SERA was conducted as part of the 2009 RFI Report for UXO 7, and in that document, risks to mammal and birds from PAHs were evaluated. Risks were evaluated using maximum PAH concentrations in the screening step and average PAH concentrations in the Step 3a refinement step and risks to those receptors were determined to be acceptable. That is the reason why there was not an ecological MCG for PAHs in the IMWP.

That being said, instead of calculating LMW and HMW PAH concentrations for each sample, two columns were added to the end of Tables G.4-1 and G.4-2 to present the maximum LMW and HMW PAH concentrations across each trap range (east and west), and then the values were summed to calculate the total LMW and HWM PAH concentrations across the site (see attached tables). Using this worst-case scenario, the greatest total LMW PAH concentrations the east and west trap ranges were 0.70 mg/kg and 0.98 mg/kg, respectively, while the greatest total HMW PAH concentrations the east and west trap ranges were 2.0 mg/kg and 3.2 mg/kg, respectively. The LMW PAH concentrations did not exceed either of the two Eco SSLs (for soil invertebrates and mammals), while the HMW PAH concentrations only exceed the mammal Eco SSL of 1.1 mg/kg. However, average soil concentrations are used for the Step 3a refinement food chain models. The following table, which shows the average PAH concentrations in the west and east trap ranges compared to the Eco-SSLs for soil invertebrates and mammals, was included in the revised text based on the response to the initial comments on the IMR.

	<b>West Trap Range PAH Surface Soil Data (Surface to 2 ft. bgs) Summed Averages for Relevant PAH Constituents (mg/kg)</b>	<b>East Trap Range PAH Surface Soil Data (Surface to 2 ft. bgs) Summed Averages for Relevant PAH Constituents (mg/kg)</b>	<b>ECO-SSLs Soil Invertebrates (mg/kg)</b>	<b>ECO-SSLs Mammals (mg/kg)</b>
<b>LMW PAHs</b>	<b>0.081</b>	<b>0.065</b>	<b>29</b>	<b>100</b>
<b>HMW PAHs</b>	<b>0.263</b>	<b>0.159</b>	<b>18</b>	<b>1.1</b>

As can be seen from this table, because the average HMW PAH soil concentrations are much lower than the Eco SSL value for mammals, risks to mammals from PAHs in the soil are acceptable.

## Cohen, Deborah

---

-----Original Message-----

From: Brent, Thomas CIV NAVFAC MIDLANT, PWD Crane [mailto:thomas.brent@navy.mil]

Sent: Monday, June 22, 2015 9:25 AM

To: Ramanauskas, Peter <ramanauskas.peter@epa.gov>

Cc: Cole, Linda L CIV NAVFAC MIDLANT, IPTNE <linda.cole@navy.mil>; dgriffin@idem.in.gov; Cohen, Deborah <Deborah.Cohen@tetrattech.com>; Barringer, Rick <Richard.Barringer@tetrattech.com>; Basinski, Ralph <Ralph.Basinski@tetrattech.com>

Subject: RE: IMR\_UXO7\_Draft Final N62470-08-D-1008/F271

Pete,

The attached PDF provides containing responses to your May 11, 2015 comments. Please review and let us know if you have any questions. Please let me know if you need the native Word or Excel files.

Thanks,

Tom

-----Original Message-----

From: Ramanauskas, Peter [mailto:ramanauskas.peter@epa.gov]

Sent: Monday, May 11, 2015 9:52 AM

To: Cole, Linda L CIV NAVFAC MIDLANT, IPTNE; dgriffin@idem.in.gov

Cc: Brent, Thomas CIV NAVFAC MIDLANT, PWD Crane; Cohen, Deborah

Subject: RE: IMR\_UXO7\_Draft Final N62470-08-D-1008/F271

Tom/Linda,

Comments on UXO 7 IMR:

- 1) Please provide the post-removal UCL calculations in the report.
- 2) Add a section or discussion of data quality to the report and provide some explanation for the "M" data qualifier - manual integration.
- 3) It's not clear how the conclusion (page 4-3) of unacceptable ecological risks was derived. For lead, the report states (top of page 4-2) that the average soil lead concentration was 191 mg/kg. Please identify or provide information on the calculation of this value. The report does not provide an ecological screening value (MCG) for PAHs. I recommend the Navy use the PAH screening values (both low and high molecular weight) from the EPA Ecological Soil Screening Levels Report.

Let us know if you have questions.

Thanks,

Pete

**RESPONSES TO USEPA REGION 5 COMMENTS (05/11/15) ON  
DRAFT-FINAL UXO 7 INTERIM MEASURES REPORT (January 2015)  
NSA CRANE, CRANE, INDIANA**

**1) Please provide the post-removal UCL calculations in the report.**

Response: The post-removal UCL calculations have been to the report as new Tables in Appendix G. Section 4.2 has been revised to include the following sentence:

The ProUCL output data for the post-IM removal action soil PAH concentrations on the West Trap Range and the East Trap Range are presented in Appendix G.3.

**2) Add a section or discussion of data quality to the report and provide some explanation for the "M" data qualifier - manual integration.**

Response: The "M" designation stands for manual integration. The "M" designation is shown only in the data tables showing the raw confirmation data that was used in the field to determine whether step-out excavations were necessary. A footnote defining the data qualifier is provided in the table. The "M" qualifier is now also discussed in the text presented in Section 3.6. The "M" data qualifier does not appear in the validated data that was used in the risk evaluations.

New Section 3.6 titled "Data Quality" has been added to the IMR. The following discussion presents the information regarding data quality, as presented in Section 3.6:

**3.6 ANALYTICAL DATA QUALITY FOR UXO 7 IM CONFIRMATION SOIL SAMPLES**

*The composite soil samples collected from excavation area walls and floors were collected to verify that sufficient soil contamination has been removed from the former range areas and that the soil remaining on the excavation walls or floor had reduced concentrations of lead or PAHs in the soil with corresponding reduced exposure risks to human or ecological receptors. The laboratory analytical data for these excavation confirmation soil samples were validated using USEPA National Functional Guidelines for Organic Data Review (June, 2008) and USEPA National Functional Guidelines for Inorganic Data Review (January, 2010). The following quality control parameters were validated for compliance to analytical method and laboratory quality control criteria: holding time compliance, calibration compliance, laboratory blank contamination, interference check sample recovery, surrogate recoveries, internal standard recoveries, matrix spike recoveries, blank spike recoveries, serial dilution, analyte quantitation, and detection limits.*

*Overall, sample quality data was considered acceptable for use in decision making based on the outcome of the data validation process. The outcome of data validation yielded sample qualifications but were limited to matrix spike non-compliances, field duplicate imprecision (for PAHs only), and serial dilution percent difference exceedances. The data qualifications were considered minor in nature and the affected sample results were estimated. Also, as part of the validation process, sample results from each sample delivery group were checked and verified via recalculation of sample results. No errors were encountered. Several instances of manual area integration were flagged by the laboratory (M qualifier) but almost all, with the exception of three dibenz(a,h)anthracene results, were limited to attempting to improve the*

integration of benzo(b)fluoranthene and benzo(k)fluoranthene. Benzo(b) and benzo(k) fluoranthene co-elute and are often characterized by peak to valley resolution separation difficulties. The validated laboratory analytical data for the soil confirmation samples at UXO 7 are considered acceptable for use in supporting site-specific decision-making and management decisions for the former small arms range areas at UXO 7.

The reference list (Section 6) has been modified to include the two references to the USEPA functional guidelines for data review (organic and inorganic data).

- 3) It's not clear how the conclusion (page 4-3) of unacceptable ecological risks was derived. For lead, the report states (top of page 4-2) that the average soil lead concentration was 191 mg/kg. Please identify or provide information on the calculation of this value. The report does not provide an ecological screening value (MCG) for PAHs. I recommend the Navy use the PAH screening values (both low and high molecular weight) from the EPA Ecological Soil Screening Levels Report.**

Response: The screening value for high and low molecular weight PAHs as described in the EPA document titled "Ecological Screening Levels for Polycyclic Aromatic Hydrocarbons (PAHs) in OSWER Directive 9285.7-78 dated June 2007 have been used to provide PAH MCGs for screening purposes. Comparisons were made to the average low and high molecular weight PAH concentrations in surface soils for the East and West Trap Ranges. New tables in Appendix G (Tables G.4-1 and G.4-2) now present the surface soils data for each range, the average concentrations for each PAH compound, and the summed low and high molecular weight average PAH concentrations for each range. The results show that the average surface soil PAH concentrations in each range are well below PAH screening values for low and high molecular weight PAH compounds.

In addition to the two new tables in Appendix G, the following additional text has been added to the text presented in Section 4:

*EPA has also developed Ecological Soil Screening Levels (Eco-SSLs) for PAH compounds in soil and presented that information in USEPA, Office of Solid Waste and Emergency Response (OSWER) Directive 9285.7-78, Ecological Soil Screening Levels for Polycyclic Aromatic Hydrocarbons (PAHs), Interim Final, June 2007. The division of the specific PAH compounds into the low and high molecular weight classes (shown below) is based on the approach presented in USEPA, OSWER Directive 9285.7-78, Interim Final, June, 2007.*

<b>Low Molecular Weight (LMW) PAH Compounds</b>	<b>High Molecular Weight (HMW) PAH Compounds</b>
1-METHYLNAPHTHALENE	BENZO(A)ANTHRACENE
2-METHYLNAPHTHALENE	BENZO(A)PYRENE
ACENAPHTHENE	BENZO(B)FLUORANTHENE
ACENAPHTHYLENE	BENZO(G,H,I)PERYLENE
FLUORANTHENE	BENZO(K)FLUORANTHENE
FLUORENE	CHRYSENE
NAPHTHALENE	DIBENZO(A,H)ANTHRACENE
PHENANTHRENE	INDENO(1,2,3-CD)PYRENE
	PYRENE

*The post-IM surface soil PAH sample data for surface soil samples (ground surface to two feet bgs) are summarized and averaged by constituent and summed based on their molecular weight grouping (LMW*

or HMW) in Appendix G.4 of this report. Table G.4-1 presents the post-IM removal action individual sample surface soil PAH compound concentrations for samples collected on the West Trap Range. Those analytical concentration data are averaged by constituent and those constituent averages are summed based on whether the specific PAH compound is categorized as an LMW or an HMW compound. In similar fashion, Table G.4-2 presents the post-IM removal action individual sample surface soil PAH compound concentrations for samples collected on the East Trap Range. Those analytical concentration data are averaged by constituent and those constituent averages are summed based on whether the specific PAH compound is categorized as an LMW or an HMW compound.

The summed averages of LMW and HMW PAH compounds detected in soil samples representing the biologically available surface to two feet deep soil on the West Trap Range and the East Trap Range are derived in Tables G.4-1 and G.4-2 of Appendix G, respectively. The summed averaged LMW and HMW PAH compound concentrations for the West Trap Range and the East Trap Range and permits comparison to the relevant EPA ECO-SSL values developed for LMW and HMW PAH compounds (USEPA, OSWER Directive 9285.7-78, Interim Final, June, 2007). As shown in the table below, the averaged summed residual concentrations of LMW PAH compounds and HMW PAH compounds present in surface soil on the West and East Trap Ranges at UXO 7 are significantly below the applicable ECO-SSLs for both soil invertebrate receptors and also for mammalian receptors.

	West Trap Range PAH Surface Soil Data (Surface to 2 ft. bgs) Summed Averages for Relevant PAH Constituents (mg/kg)	East Trap Range PAH Surface Soil Data (Surface to 2 ft. bgs) Summed Averages for Relevant PAH Constituents (mg/kg)	ECO-SSLs Soil Invertebrates (mg/kg)	ECO-SSLs Mammals (mg/kg)
<b>LMW PAHs</b>	<b>0.081</b>	<b>0.065</b>	<b>29</b>	<b>100</b>
<b>HMW PAHs</b>	<b>0.263</b>	<b>0.159</b>	<b>18</b>	<b>1.1</b>

Based on these averaged summed residual concentrations of LMW PAH compounds and HMW PAH compounds present in surface soil on the West and East Trap Ranges at UXO 7, the residual PAHs in the former range surface soils are significantly below the applicable ECO-SSLs (invertebrates and mammals). Consequently, based on the guidance presented in the EPA Ecological Soil Screening Levels Interim Final Directive (USEPA OSWER, June 2007), there are no ecological exposure risks posed by the concentrations of residual PAHs (when evaluated in terms of LMW/HMW PAH compounds) in surface soil (ground surface to two feet bgs) within the footprints of the former West Trap Range and the former East Trap Range at UXO 7.

The reference list has been modified to include a reference to the cited OSWER Directive.