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FINAL CONSTRUCTION CLOSEOUT REPORT OPERABLE UNIT 1 (OU1) SANDY BRANCH  
TRIBUTARY 2 NON TIME CRITICAL REMOVAL ACTION MCAS CHERRY POINT NC  
6/1/2009  
RHEA ENGINEERING & CONSULTANTS, INC

**FINAL  
CONSTRUCTION CLOSEOUT REPORT  
OPERABLE UNIT 1, SANDY BRANCH TRIBUTARY 2  
NON TIME CRITICAL REMOVAL ACTION  
MCAS CHERRY POINT, NORTH CAROLINA**



**CONTRACT No. N40085-07-D-1905  
CTO: 0006**

**RHĒA PROJECT NO. 367**

**JUNE 2009**

**PREPARED FOR:**



NAVFAC Mid-Atlantic  
OPNCEV  
LRA, Bldg. C  
9742 Maryland Avenue  
Norfolk, Virginia 23511-3095

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## LIST OF ACRONYMS AND ABBREVIATIONS

BERA WP	Final Work Plan for the Baseline Ecological Risk Assessment at Operable Unit 1
BERA	Final Baseline Ecological Risk Assessment for Operable Unit 1
Post-BERA WP	Final Post-BERA Investigation Work Plan for Operable Unit 1
CCR	Construction Closeout Report
Ciezska	Ciezska Construction Company
ConRep	Construction Representative
Consent Order	Administrative Order on Consent
CY	Cubic Yard
DRO	Diesel Range Organic
EAD	Environmental Affairs Department
EE/CA	Engineering Evaluation/Cost Analysis
E&S	Erosion and Sedimentation
FFA	Federal Facility Agreement
FRCE	Fleet Readiness Center East
GRO	Gasoline Range Organic
H&S	Health and Safety
HWS	Hazardous Waste Section
IRP	Installation Restoration Program
IWTP	Industrial Wastewater Treatment Plant
MRF	Material Recovery Facility
MEC	Military Environmental Construction Corporation
MDL	Minimum Detection limit
MCAS	Marine Corps Air Station
MSDS	Material Safety Data Sheet
NC	North Carolina
NCDOT	North Carolina Department of Transportation
NPL	National Priorities List
NCDENR	North Carolina Department of Environment and Natural Resources
OU	Operable Unit
OSHA	Occupational Safety and Health Administration

PAH	Polycyclic Aromatic Hydrocarbon
PLS	Professional Locating Service
QC	Quality Control
RAO	Remedial Action Objective
RAWP	Final Removal Action Work Plan for Tributary 2
RCRA	Resource Conservation and Recovery Act
RG	Remediation Goal
Rhēa	Rhēa Engineers and Consultants, Inc.
ROICC	Resident Officer In Charge of Construction
SQA	Site Quality Administrator
SSL	Soil Screening Level
Step 3A Addendum	Step 3A Addendum to the Ecological Risk Assessment
SVOC	Semi-volatile organic compound
SWMU	Solid Waste Management Unit
TCLP	Toxicity Characteristic Leaching Procedure
TPH	Total Petroleum Hydrocarbon
USACE	United States Army Corps of Engineers
USDA	United States Department of Agriculture
USEPA	United States Environmental Protection Agency

## **1.0 INTRODUCTION**

Rhēa Engineers & Consultants, Inc. (Rhēa) has prepared this Construction Closeout Report (CCR) for the Non-Time-Critical Removal Action (NTCRA) for sediment and stream bank soil in Sandy Branch Tributary 2 (Tributary 2) located within Operable Unit 1 (OU1) at Marine Corps Air Station (MCAS) Cherry Point, North Carolina. Rhēa performed the NTCRA in accordance with Contract No. N40085-07-D-1905, Task Order Number 0006. The site work was performed in accordance with the OU1 Tributary 2, MCAS Cherry Point, North Carolina Final Removal Action Work Plan (RAWP) prepared by Rhēa, dated May 2008. Figure 1 is a site location map, and Figure 2 provides a vicinity map and location of site area relevant to this document.

This CCR describes the construction activities associated with the OU1 Tributary 2 NTCRA and provides necessary supporting documentation. Sections of the CCR include the following:

- Section 1.0 – An introduction describing the project background, site conditions, previous investigations, and the development of remediation goals and removal action objectives for OU1 Tributary 2;
- Section 2.0 – Description of the project organization and site remedial construction activities ;
- Section 3.0 – Discussion of Site Health and Safety (H&S);
- Section 4.0 – Project documentation;
- Section 5.0 – Discussion of Quality Control (QC);
- Section 6.0 – Conclusion; and
- Section 7.0 – Lessons Learned and Observations.

## **1.1 BACKGROUND**

### **1.1.1 Site History and Description**

MCAS Cherry Point is located in southeastern Craven County, North Carolina, just north of the town of Havelock. The Air Station encompasses approximately 13,164 acres and is situated on a peninsula north of Bogue Sound and south of the Neuse River. It is bounded on the east by Hancock Creek, on the south by North Carolina Highway 101, on the west by an irregular boundary line approximately three-quarters of a mile west of Slocum Creek, and on the north by the Neuse River (Figure 1).

MCAS Cherry Point was commissioned in 1942. It provides support facilities and services for the Second Marine Aircraft Wing, the Fleet Readiness Center East (FRCE), Service Support Detachment 21 of the Second Force Service Support Group, the Naval Air Maintenance Training Group Detachment, and the Defense Reutilization and Marketing Office. MCAS Cherry Point maintains facilities for training and for supporting the Atlantic Fleet Marine Force aviation units and is designated as a primary aviation supply point. The massive aircraft assembly and repair facility, which later became the FRCE, was added in 1943.

MCAS Cherry Point has been actively involved with environmental investigations and remediation programs since 1983, beginning with the Navy Assessment and Control of Installation Pollutants (NACIP) Program, followed by the Navy Installation Restoration Program (IRP). In 1989, the Navy entered into a Resource Conservation and Recovery Act (RCRA) Administrative Order on Consent (Consent Order) with the United States Environmental Protection Agency (USEPA) to perform RCRA Facility Investigations at various Solid Waste Management Units (SWMUs) at MCAS Cherry Point. In December 1994, USEPA scored and ranked MCAS Cherry Point for inclusion on the CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act [Superfund]) National Priorities List (NPL). In May 2005, the Navy, USEPA, and North Carolina Department of Environment and Natural Resources (NCDENR) executed a Federal Facility Agreement (FFA) for MCAS Cherry Point. The FFA effectively terminated the RCRA Consent Order.

Tributary 2 of Sandy Branch is a first-order stream that is located in an area of OU1 east of Cunningham Boulevard, south of C Street, and north of A Street (Figure 2). More specifically, the headwaters of Tributary 2 occur adjacent to Building 4033, with the channel continuing westward towards the intersection of Roosevelt and Cunningham Boulevards where it meets Tributary 1 and the main channel of Sandy Branch. Tributary 2 is approximately 2,200 feet (ft) long. Most of the land to the north of the eastern half of Tributary 2 is a large parking lot for Buildings 4335, 163, and 4033. An industrial area is located south of Tributary 2 and includes IRP Site 42, Industrial Wastewater Treatment Plant (IWTP). Two pedestrian bridges cross the tributary near Building 4247. The western half of Tributary 2 is surrounded by dense, forested habitat.

### **1.1.2 Site Environmental Conditions**

Beaver dams along Tributary 2 were removed by the United States Department of Agriculture (USDA) in October 2002. The USDA used small charges to remove two beaver dams to alleviate recurrent flooding problems that affected the parking lot of Building 4335 and attracted birds too close to Runway 5. Removal of the beaver dams

facilitated the tributary's return to a lotic (flowing) aquatic habitat of fair physical quality. Prior to the beaver dam removal, the floodplain areas were inundated with standing water and flow was minimal.

A small pond (approximately 0.18 acres) still remains between the southwestern corner of the Building 4335 parking lot and Tributary 2. This pond is ringed by emergent wetland species (e.g., cattail). The pond is not hydrologically connected to Tributary 2 except during periods of high precipitation when overflow can drain towards the tributary channel.

The tributary is also surrounded by a relatively thick emergent-wetland riparian zone (floodplain) comprised of a mixture of wetland vegetation, shrubs and trees. In general, the tributary floodplain near the pond (near the midpoint of the tributary) is much more open than other portions of the tributary, with characteristics of swamp, emergent wetland and wet meadow. This is likely due to the previous flooding conditions caused by the beaver dams. In general, the riparian zone of Tributary 2 is very thick and overgrown.

During baseline (normal) conditions, the tributary channel maintains relatively shallow, clear, and swiftly flowing surface water (approximate depths ranging from less than six inches to about two feet). In general, the surface water flow decreases upstream near the headwaters and increases closer to its confluence with the main Sandy Branch channel. In general, the water is colder than might be expected given ambient temperatures. This is likely a result of the shaded conditions along the tributary and because the tributary is partially groundwater fed.

In addition to the vegetation mentioned previously, several animal species have been observed in and around the Tributary 2 system. A green heron, a box turtle, snapping turtles, and juvenile deer were observed in close proximity to the tributary channel. Several aquatic organisms were observed within the tributary channel, including oligochaetes (Tubificid sp.), gastropods (snails), tadpoles of an unidentified amphibian species, and mosquito fish (*Gambusia* sp.)

## **1.2 ENVIRONMENTAL HISTORY**

### **1.2.1 Previous Investigations**

To determine the chemicals of potential concern (COPCs), several site investigations and site assessments have taken place. In 2002, Tetra Tech NUS developed the ecological risk assessment as part of the OU1 Remedial Investigation. This process involved screening

soil and sediment data collected during field investigations from 1985 through 2000 and surface water data from 2000. In 2003, CH2M HILL developed a report entitled, *Step 3A Addendum to the Ecological Risk Assessment, (Step 3A Addendum) Operable Unit 1 (OUI)*, that further refined receptor exposure scenarios, delineated more specific COPC sources, delineated the spatial extent of such COPCs, and developed a better understanding of potential risks to ecological receptors at OU1. Results of the *Step 3A Addendum* suggested that additional evaluation and data collection were warranted. The *Step 3 Addendum* was later followed by the *Final Work Plan for the Baseline Ecological Risk Assessment (BERA WP) at Operable Unit 1* (2004), the *Final Baseline Ecological Risk Assessment (BERA) for Operable Unit 1* (2005), the *Final Post-BERA Investigation Work Plan for Operable Unit 1* (2006) (*Post-BERA WP*), and the *Engineering Evaluation/Cost Analysis (EE/CA), Sandy Branch Tributary 2, Operable Unit 1* (2007).

The investigations identified that Tributary 2 required mitigation of potential ecological risk due to the presence of the following COPCs: several metals, pesticides, polycyclic aromatic hydrocarbons (PAHs), and non-PAH semi-volatile organic compounds (SVOCs). These investigations determined that there were no unacceptable human health risks associated with Tributary 2 media.

Based on the findings of the EE/CA, the MCAS Cherry Point Tier I Partnering Team (Partnering Team), consisting of representatives from the Navy, USEPA, CH2MHILL, Rhēa, NCDENR, and MCAS, determined by consensus on the approach to proceed with removing the impacted sediment in the stream and soil/sediment in the floodplain habitats of Tributary 2.

The remedial action objective (RAO) for this interim action was to implement measures that would reduce or eliminate contaminant ecological risk drivers. This was to be accomplished with a NTCRA of sediment and soil/sediment after pre-confirmation sampling to determine removal depths. Following successful completion of the removal, the Navy, MCAS Cherry Point, USEPA, and NCDENR agree that the Tributary 2 habitat sediment and soil would present no unacceptable ecological risk. Since the selected remedial option involves the removal of contaminated soil and sediment, no post-confirmation sampling, long-term monitoring, or land-use controls shall be required.

### 1.2.2 Development of Remediation Goals

The multi-step iterative process described in the EE/CA produced a refined list of COPC's and their respective Remediation Goals (RGs), as delineated in the following table:

Chemical Group	Chemical	Selected Remediation Goals
Inorganics (mg/kg)	Cadmium	54
	Chromium	782
	Lead	542
Pesticides (µg/kg)	DDT, total	1,451
	Endrin Aldehyde	6,028
	Alpha-BHC	289
	Gamma-Chlordane	151
Other SVOCs (µg/kg)	4-Methylphenol	670
	bis(2-Ethylhexyl)phthalate	10,973
	PAHS, total	10,787

Hotspots were identified in the floodplain and stream by comparing the COPC extent data to the effect-levels established in the BERA via toxicity testing and the approved RGs developed in the Post-BERA WP. Nine samples were identified as hotspots, including four from the floodplain and five from the streambed. Based on these hotspots, three floodplain areas and four streambed removal areas were subsequently targeted for removal.

### 1.2.3 Pre-Confirmatory Sampling

On October 8 and 9, 2007, Rhēa collected soil and sediment samples from the previously identified "hotspots" to further delineate the vertical extent of contamination at these areas. These additional samples (i.e, pre-confirmatory samples) were collected in accordance with the approved *Final Pre-Confirmatory Sampling Strategy* (Rhēa, October 2007). Specific constituent lists were determined for each sampling location by reviewing the analytical data for each hot spot area and comparing the data to applicable RGs. The selected constituents for each sample location correspond with a RG exceedance from the corresponding previous hotspot samples.

Analytical results from the October 2007 sampling did not delineate the vertical extent at locations T2-SB-01, T2-SB-02, T2-SB-04, and T2-FP-05, and additional pre-confirmatory sampling was performed at these locations on November 15 and 16, 2007. Analytical results from the November 2007 sampling event delineated the vertical extent of contamination at the remaining four sample locations. Analytical results are summarized in Table 1 and shown on Figures 3 through 5.

## **2.0 SUMMARY OF ACTION**

This section of the CCR describes the construction activities undertaken to implement the NTCRA detailed in the RAWP. The objective of the OU1 Tributary 2 NCTRA was to mitigate risk to ecological receptors by removing impacted material from the identified “hotspots.” The NTCRA included the removal and backfilling of the four stream sections and three floodplain areas identified in the EE/CA. The RAWP and this CCR identify the four stream removal sections as T1, T2, T3, and T4 and the three floodplain removal areas as Floodplains A, B, and C. Remedial construction was initiated in June 2008 and was completed in August 2008.

### **2.1 CONSTRUCTION ORGANIZATION**

The field project team consisted of the project engineer (as construction monitor), the primary sediment/riparian soil remedial action contractor, and various other support subcontractors.

Rhēa performed the site supervision during the project and recorded activities at the site using Contractor Production and Quality Control Reports (Appendix A). Military Environmental Construction Corporation (MEC) served as the remedial action contractor. Laboratory analytical services were provided by Accutest Laboratories, Inc. (Accutest) of Orlando, Florida.

### **2.2 DESCRIPTION OF CONSTRUCTION ACTIVITIES**

Implementation of the Tributary 2 Removal Action included the following definable features of work, as defined in the RAWP:

- Pre-Construction Coordination;
- Mobilization and Site Setup;
  - Clearing vegetation from the work area;
  - Installing surface water and soil erosion and sedimentation controls; and
  - Construction of material and stockpile/dewatering areas.
- Excavating impacted soils and sediments;

- Transporting impacted soil and sediments off-site for disposal as non-hazardous industrial waste;
- Backfilling the excavations with clean, approved fill; and
- Site restoration.

Support activities included construction of access roads, construction of water management controls, and quality control activities. The following subsections detail the specific activities associated with the definable features of work.

### **2.2.1 Pre-Construction Meeting**

A pre-construction meeting was held on May 28, 2008 at the site. The meeting was attended by the Resident Officer in Charge of Construction (ROICC) and the Construction Representative (ConRep), along with representatives from Rhēa, NAVFAC, MEC, Environmental Affairs Department (EAD), FRCE Engineering, FRCE Environmental, G3 - Training Support, and the Facility Development Department. During this meeting the construction schedule, site maps, and site logistics were reviewed.

### **2.2.2 Mobilization and Site Setup**

Mobilization and site setup activities included the mobilization of personnel and equipment to the work site; setup of security/safety site controls, clearing of access and floodplain areas; installation of surface water and erosion and sedimentation (E&S) controls; and setup of the material stockpile areas. A Level B underground utility survey was performed by a professional locating service (i.e., PLS, Inc.) to mark the lateral extent of existing underground utilities within the removal areas.

#### **2.2.2.1 Security and Access Control**

Site visitors were required to sign in prior to entering the work zone. Construction barricades (i.e., jersey barriers) were placed along the boundary of Staging Area 1 and Staging Area 2 to secure the areas and to deter unauthorized personnel from entering the work areas. The walking bridge located southwest of Building 163 (i.e., Walking Bridge 2) had been closed by FRCE prior to the Tributary 2 work.

#### **2.2.2.2 Erosion& Sedimentation Controls**

E&S control measures included the installation of biodegradable silt barriers (i.e., wattles) down-gradient of each floodplain soil excavation area. Wattles were secured to the ground using 2-foot wooden stakes spaced approximately every four feet. During construction, Rhēa personnel performed inspections of site E&S control measures, and repairs were identified and implemented as needed.

#### **2.2.2.3 Surface Water Controls**

Surface water controls included sandbag dams and permeable silt screens. Temporary sandbag dams were installed upstream and downstream of each streambed removal area prior to sediment removal at that area. In addition, a permeable synthetic barrier was installed within the streambed downstream of each removal area to minimize disturbance to Tributary 2 from pump around activities. These synthetic barriers were installed approximately 20 feet below the downstream end of a stream excavation. Pump around activities are discussed in section 2.2.3.1.

#### **2.2.2.4 Clearing**

As indicated in the RAWP, the clearing plan was developed to allow access to the removal areas while minimizing the area required for safe and efficient construction. Efforts were made to minimize the clearing of areas previously identified as wetlands and to minimize the removal of large, established trees that are beneficial to the local habitat.

Clearing was performed between June 10 and 20 using a combination of wide-tracked grinding equipment, chain saws, and hand tools. Trees were cut flush with the ground surface, chipped, and used as sub-base material for access roads and mulch in-place. Tree stumps within the soil removal area were mechanically removed, staged, and disposed of with the soil from the area from which they were removed. Wetlands & Woodlands Management, LLC and P&F Environmental, Inc. provided clearing services.

Approximately 0.34 acres of wetland habitat and 0.30 acres of upland habitat were impacted due to site clearing and removal action operations, respectively. Cleared areas were restored in accordance with the Wetland Restoration and Maintenance Plan (Appendix B of the RAWP), as discussed in Section 2.2.7.

### **2.2.2.5 Surveying**

Lanier Surveying Company (Lanier) located and marked the floodplain area excavation corner points, upstream and downstream stream removal limits, pre-delineation sampling locations, and site access centerlines using Global Positioning System (GPS) equipment (Figures 6, 7, and 8).

### **2.2.2.6 Construction of Staging and Soil Stockpile/Dewatering Areas**

Two staging areas (i.e., Staging Area 1 and Staging Area 2) were setup on existing parking lots and utilized during the course of the work. These staging areas were set up on June 10 and 11 (prior to work at Floodplain C and Stream Removal T1) and included a minimum of two contaminated stockpiles/dewatering staging cells. Each staging area included adequate space for backfill material stockpiles, construction equipment, and miscellaneous supplies and materials. Additional staging cells were constructed as necessary to accommodate additional contaminated soil. Appropriate space was maintained between backfill and contaminated materials to ensure that backfill material was not contaminated prior to placement. Staging area locations are shown on Figure 2.

Contaminated soil stockpiles/dewatering areas were constructed with a minimum of two layers of 6-mil polyethylene liner, cover, and perimeter berms (i.e., straw bales and/or jersey barriers). Each soil staging area was sloped to facilitate dewatering and provide positive drainage to a low point within the staging cell. Soil stockpiles were covered prior to the end of each workday with polyethylene sheeting and secured using sandbags. Staging areas were inspected every working day.

***Staging Area 1:*** Staging Area 1 was constructed on the parking lot adjacent and west of Building 163, and immediately northeast of Walking Bridge 2. This staging area was used during excavation activities associated with Area 1 (Floodplain C and Stream Removal T1). Due to the limited access and space available in the vicinity of the sediment and soil removal areas, it was necessary to block off approximately thirty parking spaces during construction.

***Staging Area 2:*** Staging Area 2 was constructed on the southwest corner of the Building 4335 parking lot. This staging area was used during excavation activities associated with Area 2 (Floodplain B and Stream Removal T2) and Area 3 (Floodplain A, Stream Removal T3, and Stream Removal T4), and included three soil staging cells. The northwest entrance to the parking lot was secured with jersey barriers to prevent vehicles from entering the staging area.

### **2.2.2.7 Site Access Considerations**

Temporary site access roadways and stream crossings were constructed to provide access to the removal areas. Oak road mats (i.e., swamp mats) and riprap/stone were used to stabilize entryways to the removal locations.

**Access #1 & #2:** Two temporary roadways (i.e., Access #1 and #2) were constructed to provide access to Streambed Removal T1 and Floodplain C from the adjacent Building 163 parking lot. Access #1 was used to access the upper 80 feet of T1 located east of the Walking Bridge 2, while Access #2 was used to access the lower 180 feet of T1 and Floodplain C. Due to the relatively steep slope between the parking lot and the removal areas, these temporary roadways were constructed using AASHTO No. 5 washed stone and road mats. A polyethylene culvert was installed within Tributary 2 to access Floodplain C. This culvert was removed when Floodplain C backfill was completed.

**Access #3:** A temporary roadway was constructed from the southwest corner of the Building 4335 parking lot to provide access to Streambed Removals T2, T3, and T4 and Floodplains A and B. Road mats were placed to stabilize the ground surface to allow for equipment access. A polyethylene culvert was installed within Tributary 2 to access the Floodplain A, Floodplain B, Stream Removal T3, and Stream Removal T4 areas. It was originally thought that Stream Removal Section T4 would be accessed from C Street along the existing sewer right-of-way. Based on discussions between Rhēa and the remedial contractor; however, it was determined that it was more appropriate to access T4 from the south of Tributary 2.

### **2.2.3 Excavation, Staging, and Dewatering**

Impacted soil and sediments were mechanically excavated from the designated “hot spot” areas, transported to a designated staging area, staged in approximately 200 cubic yard piles, and dewatered. Work proceeded upstream to downstream in the following sequence:

1. Streambed Removal T1 (upper);
2. Floodplain C;
3. Streambed Removal T1 (lower);
4. Streambed Removal T2;
5. Floodplain B;
6. Floodplain A;
7. Streambed Removal T3; and
8. Streambed Removal T4.

### **2.2.3.1 Sediment (Streambed) Excavation**

Prior to initiating sediment removal at an area, surface water controls (see Section 2.2.2.3) were in-place and operational. Surface water was diverted around each streambed area by placing temporary sand bag dams at the upstream and downstream removal limits, and using self-priming pumps to bypass surface water around the excavation area. A permeable silt barrier was installed downstream of the water discharge to minimize disturbance to the stream. Surface water controls were typically in place and operational until completion of backfilling.

Sediments exceeding the risk-based remediation goals were excavated, and typically direct loaded into an off-road dump truck and transported to the soil stockpile/dewatering area. Alternatively, sediments were excavated and staged on the adjacent floodplain removal area, stabilized with dolomitic lime, and subsequently transported to the soil stockpile/dewatering area. Additional dolomitic lime was mixed in-place with the excavated soil at the soil stockpile/dewatering area as needed for additional stabilization.

Sediments were removed across the entire submerged width of the channel bottom to the depth as determined by the pre-confirmatory sampling, and to the lineal extent as identified in the EE/CA.

Figures 6, 7, and 8 show final removal areas for streambed removal areas T1, T2, T3, and T4, respectively. Area specific details, including excavation depths, are discussed in the following subsections.

***T1 Streambed Removal:*** Due to the length of the removal area and access considerations, the T1 streambed removal was performed in three stages. The first stage consisted of the streambed section east and beneath of the walking bridge, the second phase consisted of the streambed section west of the walking bridge to the corner of Floodplain C, and the third stage consisted of the streambed section from Floodplain C to the downstream end of T1.

Eighteen inches of sediment were removed from the upper (eastern) 125 feet of T1, while 24 inches of sediment were removed from the lower (western) 135 feet of T1. All sediment within T1, including the section beneath Walking Bridge 2, was removed with an excavator. Approximately 82 cubic yards (CY) of sediment was removed from T1. Staging Area 1 was removed upon completion of sediment removal (and disposal) from T1 and Floodplain Area C and the parking area was returned to the facility on July 15, 2008.

**T2 Streambed Removal:** Sediments within segment T2 (approximately 90 feet long) were removed to a depth of six inches using an excavator. Approximately 7 CY of sediment was removed from T2.

**T3 Streambed Removal:** Sediments within segment T3 (approximately 80 feet long) were removed to a depth of eighteen inches using an excavator. Approximately 24 CY of sediment were removed from T3.

**T4 Streambed Removal:** Sediments within segment T4 (approximately 120 feet long) were removed to a depth of six inches. A portion of the T4 streambed removal was located under the sewer lines that transverse Tributary 2, and was removed by hand-tools. Approximately 11 CY of sediment was removed from T4.

Several snapping turtles were encountered during the removal of sediments from Tributary 2. These turtles were relocated to upstream or downstream areas of the tributary.

#### **2.2.3.2 Soil (Floodplain) Excavation**

Floodplain soil designated for removal (i.e., Floodplain Areas A, B, and C) was mechanically excavated using a tracked excavator and subsequently loaded into an off-road transport vehicle. In some of the removal areas, pre-confirmatory sampling indicated that multiple removal depths were necessary; therefore, the excavation was transitioned at the midpoint between the individual samples in those areas.

Figures 6, 7, and 8 show the final removal areas of the floodplain. Area specific details, including excavation depths, are discussed in the following subsections.

**Floodplain C Removal:** Twenty-four inches of soil was removed from the southern wetland boundary to the midpoint between pre-confirmatory samples FP-01 and FP-02. Twelve inches of soil was removed from the northern perimeter (Tributary 2) of Floodplain C to the midpoint between FP-01 and FP-02. Approximately 118 CY of soil was removed from the Floodplain C footprint of 2,180 square feet.

**Floodplain B Removal:** The majority of material within Floodplain B was saturated and had to be stabilized in-situ with dolomitic lime prior to transporting to the staging area. Twenty-four inches of soil was removed from the Floodplain B footprint of approximately 1,445 square feet. Approximately 102 CY of soil was removed from Floodplain B.

***Floodplain A Removal:*** Twenty-four inches of soil was removed from the western limit of Floodplain A to the midpoint between pre-confirmation samples FP-05 and FP-06. Thirty-inches of soil was removed from the eastern limit of Floodplain A to the midpoint between pre-confirmation samples FP-05 and FP-06. Approximately 591 CY was removed from the Floodplain A footprint of 7,363 square feet.

### **2.2.3.3 Verification of Removal**

Excavation depths were monitored and measured during construction with an aluminum rod to ensure vertical control. If field measurements indicated that the appropriate excavation depth was not achieved at an area, additional excavation was performed until field measurements verified that the appropriate excavation depth was achieved. Horizontal control was performed by verifying that the excavation extends to the surveyed corner points (i.e., flagged stakes) set in the field.

Once the excavation was determined to be substantially completed, transects were set up and additional rod measurements were taken. If field measurements indicated that the appropriate excavation depth was not achieved, additional excavation was performed until field measurements verified that the appropriate excavation depth was achieved. Site photos (Appendix B) were taken at each verification location to document completion of an area.

### **2.2.3.4 On-Site Soil Transportation and Stabilization**

Excavated soil/sediment was transported to the designated staging area using an off-road dump truck and staged in approximately 200 CY piles. Once staged, the soil/sediment was allowed to naturally dewater. When necessary, additional dolomitic lime was mixed with the soil/sediment to further stabilize the soil/sediment. The soil/sediment was manipulated until no free liquids were present.

Efforts were made to minimize spillage of contaminated material during transportation from excavations to the staging area. The truck was filled conservatively to minimize any soil spillage to the access areas or adjacent ground-surfaces. In addition, the on-site engineer performed routine inspections of the access areas and adjacent groundsurfaces for spillage during transportation activities. In the event that contaminated material was spilled, the on-site engineer notified the contractor and the spilled material was scraped up and transported to the staging area.

Potentially contaminated water from soil stockpile dewatering activities was collected using a vacuum truck, transported to the IWTP, and disposed of in coordination with the MCAS EAD. An IWTP disposal chit accompanied each truckload of water.

#### **2.2.4 Soil/Sediment Disposal Sampling**

Disposal soil samples were collected and analyzed for every 200 cubic yards of excavated soil/sediment. Disposal parameters included full TCLP (Toxicity Characteristic Leaching Procedure) Waste Classification and RCRA Characteristics. At the request of the disposal facility, additional soil disposal samples were analyzed for Total Petroleum Hydrocarbons (TPH) – Gasoline Range Organics (GRO) and Diesel Range Organics (DRO) at a frequency of one sample per 500 CY of excavated soil/sediment.

Five disposal samples were collected during the NTCRA and analyzed for TCLP Waste Classification and RCRA Characteristics. Two of these samples were also analyzed for TPH GRO and DRO. Analytical results for all five samples met the requirements for disposal as a non-hazardous waste. Disposal results are summarized in Table 2, and complete analytical reports are included in Appendix C.

#### **2.2.5 Transportation and Disposal**

Prior to being loaded with waste, each transport vehicle was weighed by a licensed weighmaster located at the Air Station's Material Recovery Facility (MRF) truck scales to determine the tare weight of the vehicle. Once loaded with waste, transport vehicles were weighed at the MRF prior to leaving MCAS to ensure that the gross weight did not exceed the licensed gross weight of the vehicle. No trucks were permitted to leave MCAS overweight. Haulers were licensed with the NCDOT as commercial transporters. The trucks were tarped and a signed manifest accompanied each shipment to East Carolina Environmental Republic Services, Inc. (the permitted disposal facility). All manifests were signed by a representative from the MCAS EAD.

Approximately 1,112 tons of non-hazardous, stabilized soil and sediment (including approximately 48 tons of dolomitic lime) was disposed of at East Carolina Environmental. East Carolina Environmental is a North Carolina-permitted Subtitle D Landfill facility approved by the USEPA to receive CERCLA wastes (see Appendix D for supporting documentation). General refuse that came in contact with non-hazardous soil and sediment, including, but not limited to, personal protective equipment, tree stumps, disposable sampling equipment, and plastic sheeting from contaminated soil stockpiles, was disposed of with the soil and sediment. Bill Baysden Trucking Company, Inc. of Beulaville, NC and Waters & Waters Construction of Ahoskie, NC provided

transportation services. Transportation and disposal was performed between July 8 and August 12, 2008. Disposal records, including official weight tickets and non-hazardous waste manifests, are included in Appendix D.

### **2.2.6 Backfill**

Prior to delivery onto MCAS Cherry Point, soil and sand backfill material was sampled and analyzed to verify that the backfill material met the standards for off-site soil set forth by the MCAS. In accordance with base requirements, advance testing of off-site backfill materials included chemical testing for RCRA Metals, TPH-GRO, TPH-DRO, and Oil & Grease. In addition, soil backfill was to meet the United States Army Corps of Engineers (USACE) 4 to 12 percent organic content recommendation for wetland replications.

Results of the advanced testing indicated that backfill soil from three local sources, including topsoil that had been amended for the project to meet the specified organic content, exceeded the off-site soil concentrations for TPH DRO and Oil & Grease, while two sources exceeded the criteria for mercury. Chemical testing on sand met the off-site soil standards.

Rhēa presented the results of the advance chemical testing to the EAD. The EAD reviewed the results and granted a variance to use the previously amended soil, based on comparison of the results to the NC Hazardous Waste Section (HWS) SSLs (Soil Screening Levels) and MCAS Average Background Soil Concentrations. The MCAS off-site material requirements for TPH DRO and Oil & Grease are set at the laboratories minimum detection limit (MDL); therefore any detection is an exceedance of the requirement. Since the TPH DRO analytical results were several magnitudes lower than the NC HWS SSLs, and the mercury concentration was less than the MCAS Average Background Soil Concentration (0.064 mg/kg) (Tetrattech NUS, Inc.), it was agreed that the amended topsoil could be used. There is no NC HWS SSL for Oil & Grease. Chemical testing results are included in Appendix E.

Once backfill was approved for use, material was delivered to the site and stockpiled within one of the site staging areas. Excavated areas were backfilled in accordance with section 2.3.5 of the RAWP. In excavated floodplain areas with standing water, off-site, non-recycled, AASHTO No. 5 stone was placed to bridge the water and provide a stable subsurface so that the select fill backfill could be properly placed. A minimum of 12 inches of topsoil (i.e., select fill), was used to bring the floodplain excavations to pre-removal surface elevation. The topsoil consisted of 4 to 12 percent organic carbon content (to provide an effective vegetative growth medium) and approximately 80

percent fine sand. Topsoil was compacted to non-movement by tracking in with equipment. Clean, washed sand (i.e., concrete sand), closely resembling NCDOT 1S, was used to backfill the streambed removal areas.

Rhēa observed placement of backfill to verify that material was placed to the required grades. Compaction activities were observed to verify that topsoil was compacted to non-movement to minimize potential erosion. Areas of topsoil were re-compacted as necessary until non-movement was achieved. Streambed backfill was not compacted.

Approximately 577 tons of AASHTO No. 5 stone, 281 tons of sand, and 400 CY of topsoil was used during the construction. Styron Construction (purchased by Sunland Construction during the project) provided the stone and sand for the project. Cieszko Construction Company provided the soil (select fill). Backfill receipts for soil, stone, and sand are provided in Appendix F.

As discussed above, topsoil was amended with organic material to meet the organic content specification. Rhēa retained E&S Soil, a company specializing in golf course landscaping, to design a program to amend the topsoil. E&S Soil amended the topsoil with a high organic mulch using a rip shredder.

### **2.2.7 Site Restoration and Maintenance**

Site restoration included the removal of temporary stream crossings, non-biodegradable controls, road mats, and other temporary facilities and structures; seeding of disturbed areas; and the installation of multiple species of plants and trees, in accordance with the Wetlands Restoration and Maintenance Plan included in the RAWP.

J&S Landscaping completed the planting phase of the site restoration on August 26, 2008. Tree plantings included red maples, loblolly pines, and sweet gums. Bush plantings included hazel alders, sweet pepperbushes, and buttonbushes. Plants and bushes were typically installed at the locations detailed in the Wetland Restoration and Maintenance Plan, with the exception of the area adjacent to T4. As indicated in Section 2.2.2.7, Stream Removal T4 was accessed from the south of Tributary 2; therefore, minimal clearing was performed north of T4. Several trees originally scheduled to be planted north of T4 were subsequently installed along the access path between Floodplain A and the sewer right of way.

Disturbed areas were seeded with specialized wetland or upland seed mixtures at a minimum rate of 15 pounds per acre. Erosion control blankets were installed on restored floodplain areas and along stream banks, and straw mulch was spread over restored

upland areas. Seed tickets are included in Appendix G. Photo stations were set up at each removal area and along access areas to monitor the re-establishment of vegetation through the second growing season (see Appendix B).

A final walkthrough was conducted on August 27, 2008 and participants included the ROICC, ConRep, MCAS EAD, and Rhēa's site superintendent. No deficiencies were noted during the inspection.

### **2.2.8 Demobilization**

MEC initiated demobilization by removing equipment and supplies from the site. Road mats, equipment, and jersey barriers were cleaned using a high pressure water spray. Once cleaned, equipment was demobilized, road mats were placed within the fenced area of Operable Unit 2 for future use, and jersey barriers were returned to the base staging area. A roll-off was filled with debris, including damaged road mats, additional tree limbs, and general trash, and was disposed of at the Newport Transfer Station. A street sweeper was used to clean each asphalt parking lot prior to demobilization from each area.

### **2.2.9 Operation and Maintenance Inspection**

As per the Wetlands Restoration and Maintenance Plan (Appendix B of the RAWP), a site inspection is to be conducted within or following the second growing season after the initial restoration. During this inspection, the restored wetlands and upland zones will be observed to determine if sufficient vegetative coverage has established to provide permanent erosion and sediment control. Rhēa currently anticipates completing this inspection in the fall of 2009. See the RAWP for additional details regarding the operation and maintenance activities.

## **3.0 HEALTH AND SAFETY SUMMARY**

There were no reported accidents or injuries during the site activities. Onsite workers had completed the Hazardous Waste Operations and Emergency Response training requirements (i.e., initial 40-hour training and annual 8-hour refresher courses) to comply with the Occupational Safety and Health Administration (OSHA) standard 29 CFR 1910.120. Applicable Material Safety Data Sheet (MSDS), worker training certificates, and other pertinent health and safety data were on file during this project. Daily morning safety meetings were held each work day and signed by attendees.

#### **4.0 SUMMARY OF RECORD DOCUMENTS**

The Site Superintendent completed Contractor Production Reports each day during the construction. The reports included labor categories and hours worked, equipment and materials on site, and other pertinent information. The Contractor Production Reports are included as Appendix A.

#### **5.0 QUALITY CONTROL SUMMARY**

In accordance with the RAWP and the Program Quality Control Plan, the Site Quality Administrator (SQA) conducted four phases of quality control inspections for each definable feature of work. The inspections were documented on the Daily Contractor Production Reports and Contractor Quality Control Reports and submitted to the ConRep (Appendix A).

#### **6.0 CONCLUSION**

The overall goal of the Tributary 2 NTCRA was achieved, in that:

- Soil/sediment in designated removal areas was removed to the designed lateral and vertical extents;
- Waste soil/sediment was properly disposed of;
- Backfill was placed successfully;
- Vegetation was re-established in disturbed areas; and
- The work was performed with no on-site injuries or contaminant releases.

#### **7.0 LESSONS LEARNED AND OBSERVATIONS**

Performance of the NTCRA for sediment and floodplain soil provided many lessons that could be applied to future similar remediation activities. The following are among the more significant observations:

- Performing the stream removal as a “dry” excavation substantially reduced the need for dewatering/stabilization of the material. This was critical, given the limited area available for material handling.

- The collection of pre-delineation samples permitted the remedial action contractor to backfill stream bed and flood plain areas upon completion of excavation activities; thus, reducing the duration of the project (by an estimated two weeks), minimizing the impacts to the environment, and quickly returning the habitat to the terrestrial and aquatic life. Defining the limits of removal prior to mobilization also had a positive impact on designing, planning, and scheduling aspects of the project.
- The use of road mats were effective for stabilizing the access areas. Rhēa first rented them from a local construction company, but came to find out that they were less expensive to purchase; therefore, all additional mats were purchased for the project.
- Significant coordination/communication is required between the site superintendent and the MCAS Cherry Point scale operator, truck drivers, and landfill representative to transport and dispose of excavated material in a timely manner.
- Silt screens perform well in terms of controlling sediment resuspension in slow to moderate current conditions, but are less functional in higher flow conditions.
- Use of dolomitic pelletized lime was an effective, although expensive, soil/sediment stabilization agent.

## **TABLES**

**TABLE 1**  
**Summary of Analytical Results**  
**Pre-Confirmation Sampling**  
**OUI, Tributary 2 NTCRA**  
**MCAS Cherry Point, North Carolina**

Sample Identification:  Approximate Sample Depth (bgs) <sup>(a)</sup> :	Remediation Goals <sup>(d)</sup>	AREA 1										AREA 2					AREA 3										
		T2-FP-01-SA <sup>(e)</sup>	T2-FP-02-SA	T2-FP-02-SB	T2-SB-01-SA <sup>(i)</sup>	T2-SB-01-SB	T2-SB-01-SC	T2-SB-02-SA	T2-SB-02-SB	T2-SB-02-SC	T2-SB-02-SD	T2-FP-03-SA	T2-FP-04-SA	T2-SB-03-SA	T2-FPX-SA	T2-FPX-SB	T2-FP-05-SA	T2-FP-05-SB	T2-FP-05-SC	T2-FP-06-SA	T2-FP-06-SB	T2-FP-07-SA	T2-FP-07-SB	T2-SB-04-SA	T2-SB-04-SB	T2-SB-04-SC	T2-SB-05-SA
		12"	12"	24"	6"	12"	18"	6"	12"	18"	24"	12"	12"	6"	12"	24"	12"	24"	30"	12"	24"	12"	24"	6"	12"	18"	6"
<b>Constituent</b>	<b>Sample Date:</b>	10/8/2007	10/8/2007	10/8/07	10/8/07	10/8/07	11/15/07	10/8/07	10/8/07	11/16/07	11/16/07	10/9/07	10/9/07	10/9/07	10/9/07	10/9/07	10/9/07	10/9/07	11/16/07	10/9/07	10/9/07	10/9/07	10/9/07	10/9/07	10/9/07	11/16/07	10/9/07
<b>SEMI-VOLATILES (ug/kg)<sup>(b)</sup> (Method 8270)</b>																											
4-Methylphenol	670	-- <sup>(i)</sup>	--	--	--	--	--	--	--	--	--	--	--	--	--	--	139	--	--	<550	--	--	<1,200	--	<1,000	--	--
Bis (2-ethylhexyl)phthalate	10,973	3,530	<b>20,200<sup>(h)</sup></b>	<460	<b>38,100</b>	4,760	--	<b>90,000</b>	<b>18,800</b>	<b>117,000</b>	3,410	--	--	2,340 / 997 <sup>(j)</sup>	--	--	1,070	--	--	1,160	--	<2,300	--	<b>15,100</b>	<b>79,000</b>	<5,700	5,500
Total PAHs	10,787	1577.4J <sup>(g)</sup>	788J	--	<b>17,890</b>	986J	--	<b>132,830</b>	3,483J	--	--	--	--	--	--	--	--	--	--	--	--	--	6,279	--	--	--	586.5J
<b>METALS (mg/kg)<sup>(c)</sup> (Method 6010B)</b>																											
Cadmium	54	--	--	--	<b>68.4</b>	<b>54.3</b>	2.1	--	--	--	--	5.6	3.5 / 3.6	21.4 / 11.8	<b>130</b>	17.3	<b>68.7</b>	<b>157</b>	0.44	<b>105</b>	9.3	<b>54.7</b>	16.6	<b>55.3</b>	<b>252</b>	6.2	44.1
Chromium	782	--	--	--	525	--	--	--	--	--	--	57.0	42.9 / 40.4	641 / 91.4	547	--	<b>890</b>	<b>1,180</b>	3.4	607	--	156	--	--	--	413	
Lead	542	--	--	--	233	--	--	--	--	--	--	51.8	50.4 / 46.9	56.4 / 58.1	<b>547</b>	78.9	<b>721</b>	<b>827</b>	9.8	460	--	177	--	127	--	--	
<b>PESTICIDES (ug/kg) (Method 8081)</b>																											
Total DDT	1,451	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<600	--
Gamma Chlordane	151	<150	<160	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:

- (a) "bgs" is below ground surface.
- (b) "ug/kg" is micrograms per kilogram, or parts per billion.
- (c) "mg/kg" is milligrams per kilogram, or parts per million.
- (d) Remediation Goals (RGs) were provided in the *Final Post-Bera Investigation Work Plan for Operable Unit 1*, July 2006, CH2MHILL.
- (e) "FP" indicates a floodplain sample location
- (f) "--" indicates that the constituent was not reported for this sample.
- (g) A "J" value indicates the constituent was detected at the estimated value shown.
- (h) A **Bold** value indicates an exceedance of the Remediation Goal (RG).
- (i) "SB" indicates a streambed sample location
- (j) "--/--" indicates a duplicate sample was collected at this location.

**TABLE 2**  
**DISPOSAL SOIL SAMPLING RESULTS**  
**OUL, TRIBUTARY 2 NTCRA**  
**MCAS Cherry Point, North Carolina**

		EPA Hazardous Waste Classification Values	T2-Disposal-S-1	T2-Disposal-S-2	T2-Disposal-S-3	T2-Disposal-S-4	T2-Disposal-S-5
	Sample Date		6/23/2008	7/17/2008	7/22/2003	7/24/2008	7/25/2008
Parameter	EPA Method						
<b><u>TCLP Volatiles (mg/l)</u></b>							
Benzene	8260B	0.5	ND	ND	ND	ND	ND
Chlorobenzene	8260B	100	ND	ND	ND	ND	ND
Chloroform	8260B	6	ND	ND	ND	ND	ND
Carbon tetrachloride	8260B	0.5	ND	ND	ND	ND	ND
1,1-Dichloroethylene	8260B	0.7	ND	ND	ND	ND	ND
1,2-Dichloroethane	8260B	0.5	ND	ND	ND	ND	ND
p-Dichlorobenzene	8260B	7.5	ND	ND	ND	ND	ND
Methyl ethyl ketone	8260B	200	ND	ND	ND	ND	ND
Tetrachloroethylene	8260B	0.7	ND	ND	ND	ND	ND
Trichloroethylene	8260B	0.5	ND	ND	ND	ND	ND
Vinyl chloride	8260B	0.2	ND	ND	ND	ND	ND
<b><u>TCLP Semi-volatiles (mg/l)</u></b>							
2-Methoxyphenol	8270C	--	ND	ND	ND	ND	ND
3&4-Methylphenol	8270C	--	ND	ND	ND	ND	ND
Pentachlorophenol	8270C	100	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	8270C	400	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	8270C	2	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	8270C	7.5	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	8270C	0.13	ND	ND	ND	ND	ND
Hexachlorobenzene	8270C	0.13	ND	ND	ND	ND	ND
Hexachlorobutadiene	8270C	0.5	ND	ND	ND	ND	ND
Hexachloroethane	8270C	3	ND	ND	ND	ND	ND
Nitrobenzene	8270C	2	ND	ND	ND	ND	ND
Pyridine	8270C	5	ND	ND	ND	ND	ND
<b><u>TCLP Pesticides (mg/l)</u></b>							
gamma-BHC (Lindane)	8081A	0.4	ND	ND	ND	ND	ND
Chlordane	8081A	0.03	ND	ND	ND	ND	ND
Endrin	8081A	0.02	ND	ND	ND	ND	ND
Heptachlor	8081A	0.008	ND	ND	ND	ND	ND
Heptachlor epoxide	8081A	--	ND	ND	ND	ND	ND
Methoxychlor	8081A	10	ND	ND	ND	ND	ND
Toxaphene	8081A	0.5	ND	ND	ND	ND	ND
<b><u>TCLP Metals (mg/l)</u></b>							
Arsenic	6010B	5	0.014 J	0.021 J	0.029 J	0.031 J	0.03 J
Barium	6010B	100	0.26 J	0.42 J	0.28 J	0.59 J	0.79 J
Cadmium	6010B	1	0.11	0.55	0.38	0.32	0.35
Chromium	6010B	5	0.007 J	0.01	0.017	0.02	0.024
Lead	6010B	5.00	0.13	0.25	0.25	0.21	0.2
Mercury	7471A	0.200	0.0015 U				
Selenium	6010B	1	0.02 U	0.04 U	0.02 U	0.02 U	0.02 U
Silver	6010B	5	0.0014 U				

**TABLE 2**  
**DISPOSAL SOIL SAMPLING RESULTS**  
**OUL, TRIBUTARY 2 NTCRA**  
**MCAS Cherry Point, North Carolina**

		EPA Hazardous Waste Classification Values	T2-Disposal-S-1	T2-Disposal-S-2	T2-Disposal-S-3	T2-Disposal-S-4	T2-Disposal-S-5
	Sample Date		6/23/2008	7/17/2008	7/22/2003	7/24/2008	7/25/2008
<b><i>TCLP Herbicides (mg/l)</i></b>							
2,4-D	8151A	10	--	ND	ND	ND	ND
2,4,5-TP	8151A	1	--	ND	ND	ND	ND
<b><i>General Chemistry</i></b>							
Corrosivity as pH	CHAP7	pH<2 and pH>12.5	6.9	6.7	7	6.9	6.9
Cyanide Reactivity (ppm)	CHAP7	250	1.5 U	2.1 U	2.2 U	2.1 U	2 U
Ignitability	1010	≤140 F	>200 F	>200 F	>200 F	>200 F	>200 F
Solids, Percent	2540B M	--	79.3	73	66.9	71.2	73.8
Sulfide Reactivity (ppm)	CHAP7	500	50 U				
<b><i>Total Petroleum Hydrocarbons (mg/kg)<sup>(1)</sup></i></b>							
TPH GRO (C6-C10)	8015	71.5 <sup>(2)</sup>	5 J	198	--	42.2	--
TPH DRO (C10-C28)	8015, 3550	3260 <sup>(3)</sup>	502	560	--	343	--

Notes:

ND = not detected

J = indicates a result ≥ MDL but <RL

U = indicates a result <MDL

RL = reporting limit

MDL = Method Detection Limit

<sup>(1)</sup> TPH analysis was conducted at the request of the disposal facility.

<sup>(2)</sup> Value was obtained from the NC HWS SSLs and is for aliphatics C5-C8.

<sup>(3)</sup> Value was obtained from the NC HWS SSL and is for aliphatics C9-C18.

**TABLE 3  
BACKFILL SAMPLING RESULTS  
OU1, TRIBUTARY 2 NTCRA  
MCAS Cherry Point, North Carolina**

		MCAS Off-Site Material Requirements	MCAS Average Background Soil Concentration <sup>(1)</sup>	NC HWS SSLs <sup>(2)</sup>	T2-JS-S1 (J&S Landscaping) Compost	T2-STYRON-S1 (Styron Pit) "Topsoil"	T2-TOPSOIL-S1 (Cieszko Pit) Amended Topsoil*	T2-TOPSOIL-S2 (Cieszko Pit) Amended Topsoil*
Sample Date					5/30/2008	5/30/2008	6/11/2008	6/26/2008
Parameter	EPA Method							
Oil & Grease	1664	MDL	--	--	<b>294</b>	<b>567</b>	<b>713</b>	<b>192</b>
TPH GRO (C6-C10)	8015	MDL	--	71.5 <sup>(3)</sup>	7.6 U	5.6 U	4 U	3.9 U
TPH DRO (C10-C28)	8015, 3550	MDL	--	3260 <sup>(4)</sup>	<b>322</b>	<b>8.96</b>	<b>51.4</b>	<b>28.8</b>
Arsenic	6010B	26.2	1.95	26.2	0.71	0.95	1.9	1.1
Barium	6010B	848	11.5	848	3 J	2.5 J	26.1	16.8
Cadmium	6010B	0.95	0.56	0.95	0.059 U	0.051 U	0.14 J	0.28 J
Chromium	6010B	27.2	8.48	27.2	2.1	1.9	11.9	8.5
Lead	6010B	270	5.26	270.00	1 J	1.9 J	32.2	34.5
Mercury	7471A	0.015	0.0640	0.015	<b>0.035 J</b>	0.01 U	<b>0.036 J</b>	<b>0.033 J</b>
Selenium	6010B	12.2	0.28	12.2	0.27 U	0.23 U	0.47 J	0.30 J
Silver	6010B	0.217	0.41	0.217	0.083 U	0.071 U	0.066 U	0.066 U

Note:

All values shown in ppm (mg/kg).

U = not detected

MDL = Method Detection Limit

**Bold** = exceeds MCAS Off-Site Material Requirements

<sup>(1)</sup> Background Evaluation Report (Tetrtech NUS, Inc., October 1999)

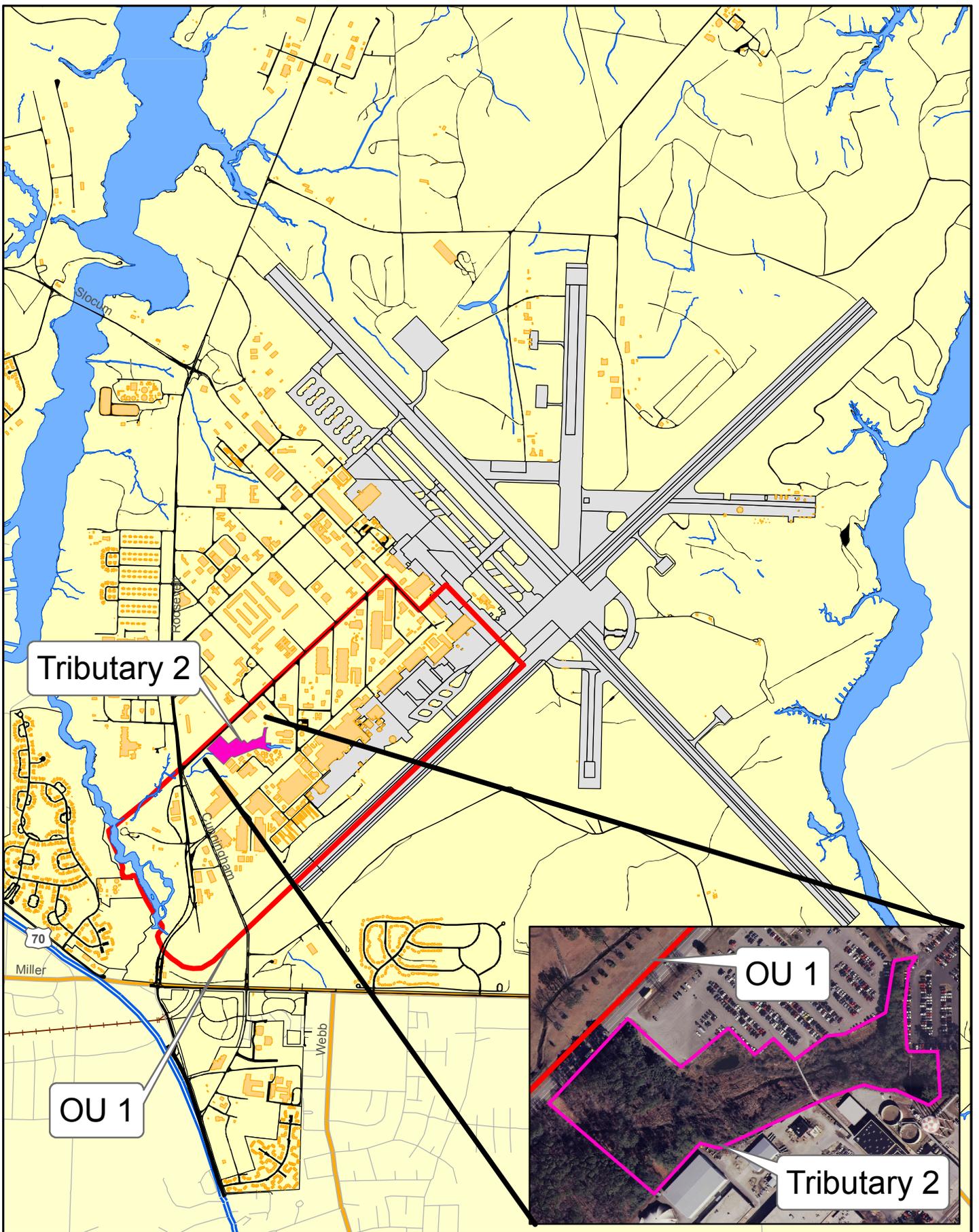
<sup>(2)</sup> North Carolina Soil Screening Levels (NCDENR, May 2005)

<sup>(3)</sup> NC HWS SSL is for aliphatics C5-C8.

<sup>(4)</sup> NC HWS SSL is for aliphatics C9-C18.

\* Topsoil was used for the project. Material was amended to meet the project organic content specification for backfill.

## **FIGURES**



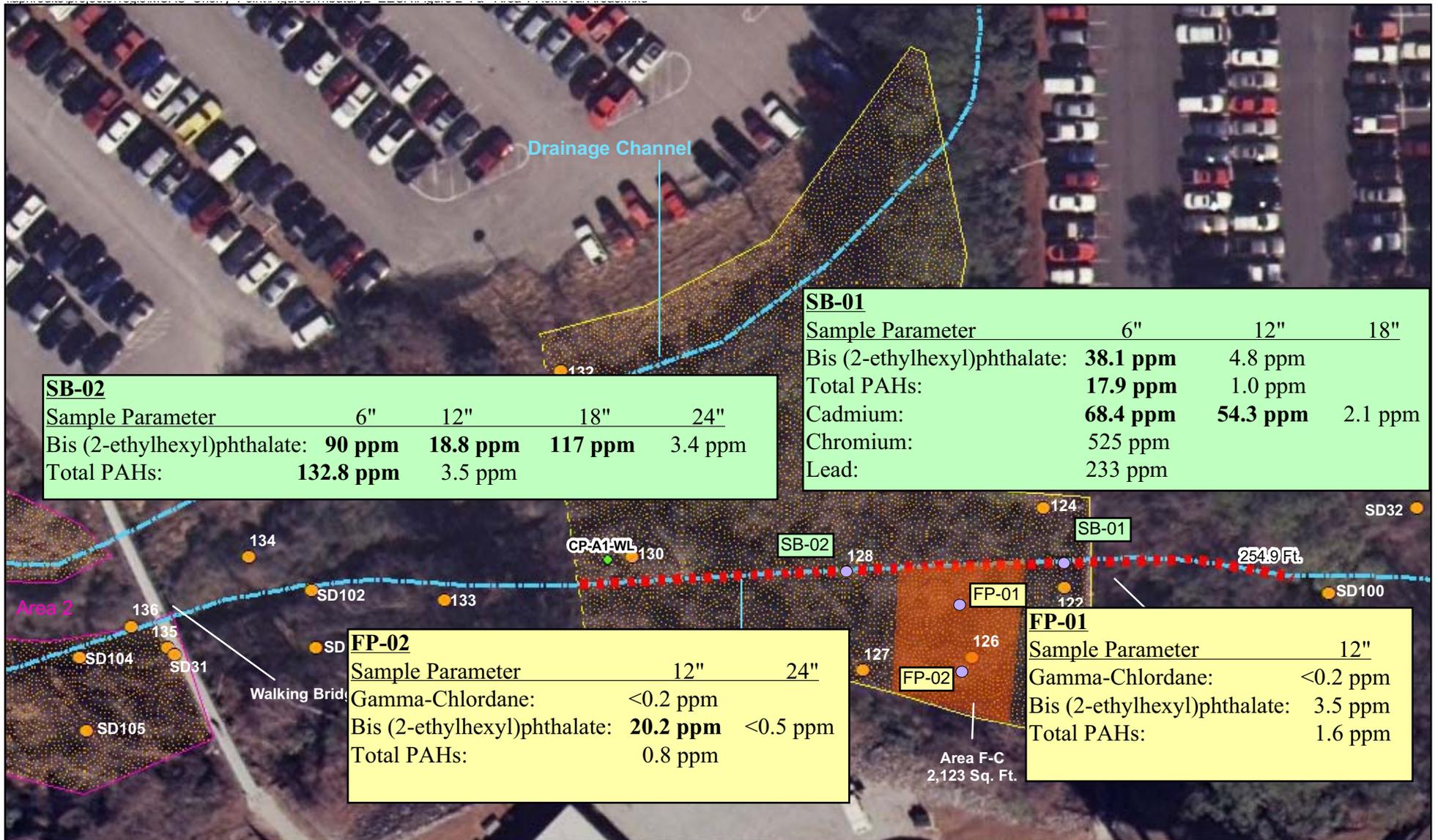
**Legend**

-  Roads
-  Tributary 2
-  OU 1



Figure 1  
 Site Location Map  
 OU1, Tributary 2  
 MCAS Cherry Point, North Carolina

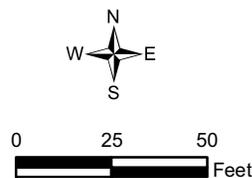




**Legend**

- Sediment Sample Location
- Streams
- Extent of Stream Removal
- Wetlands
- Horizontal Extent of Floodplain Removal
- Area 1 - Not completed in field
- Area 1 - Completed in field
- Area 2
- Pre-confirmatory Sample Location

Total Acreage for Area 1 is 0.61 acres



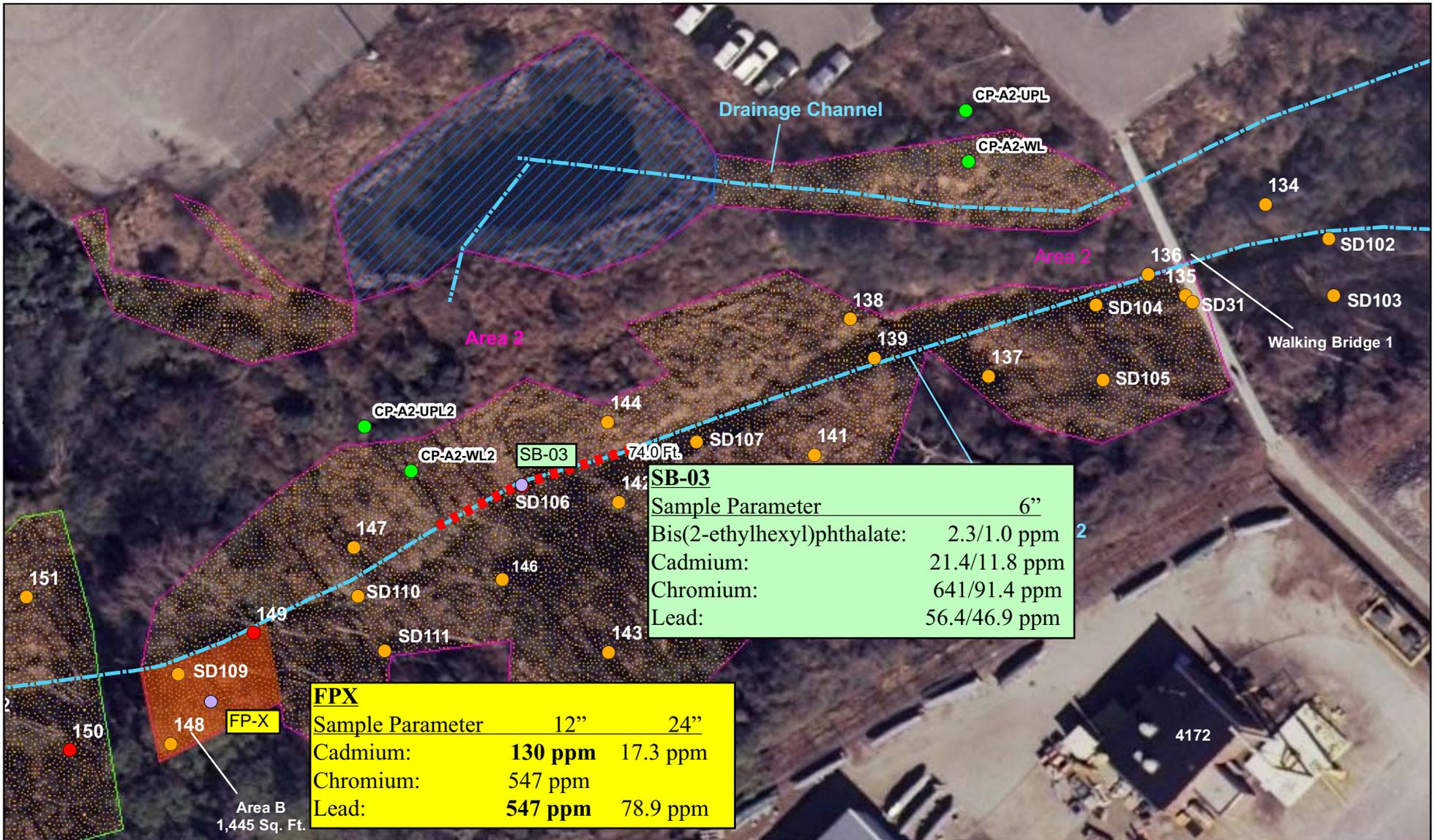
2004 Aerial Photograph

Figure 3

Area 1 Pre-Confirmatory Sampling Results

MCAS Cherry Point, North Carolina

NOTE: This figure was copied from Figure 2-4a, OU1, Tributary 2 EE/CA, August 2007, CH2MHILL. The title has been changed and the pre-confirmatory sample locations and results have been added.



**Legend**

- Sediment Sample Location
- Sediment/Soil Sample Location- Defines Hotspot (refer to Tables 2-2 and 2-3)
- Wetland Soil Sample Location
- Extent of Stream Sediment Removal
- Streams
- ▨ Wetlands
- Area 2 Delineated
- Area 3 Delineated
- Horizontal Extent of Floodplain Removal
- ▨ Pond

Total Acreage of Area 2 is 1.1 acres

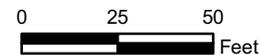


Figure 4  
Area 2 Pre-Confirmatory Sampling Results

MCAS Cherry Point, North Carolina

NOTE: This figure was copied from Figure 2-4b, OU1, Tributary 2 Draft Action Memorandum, March 2008, CH2MHILL. The title has been changed and the pre-confirmatory sample locations and results have been added.

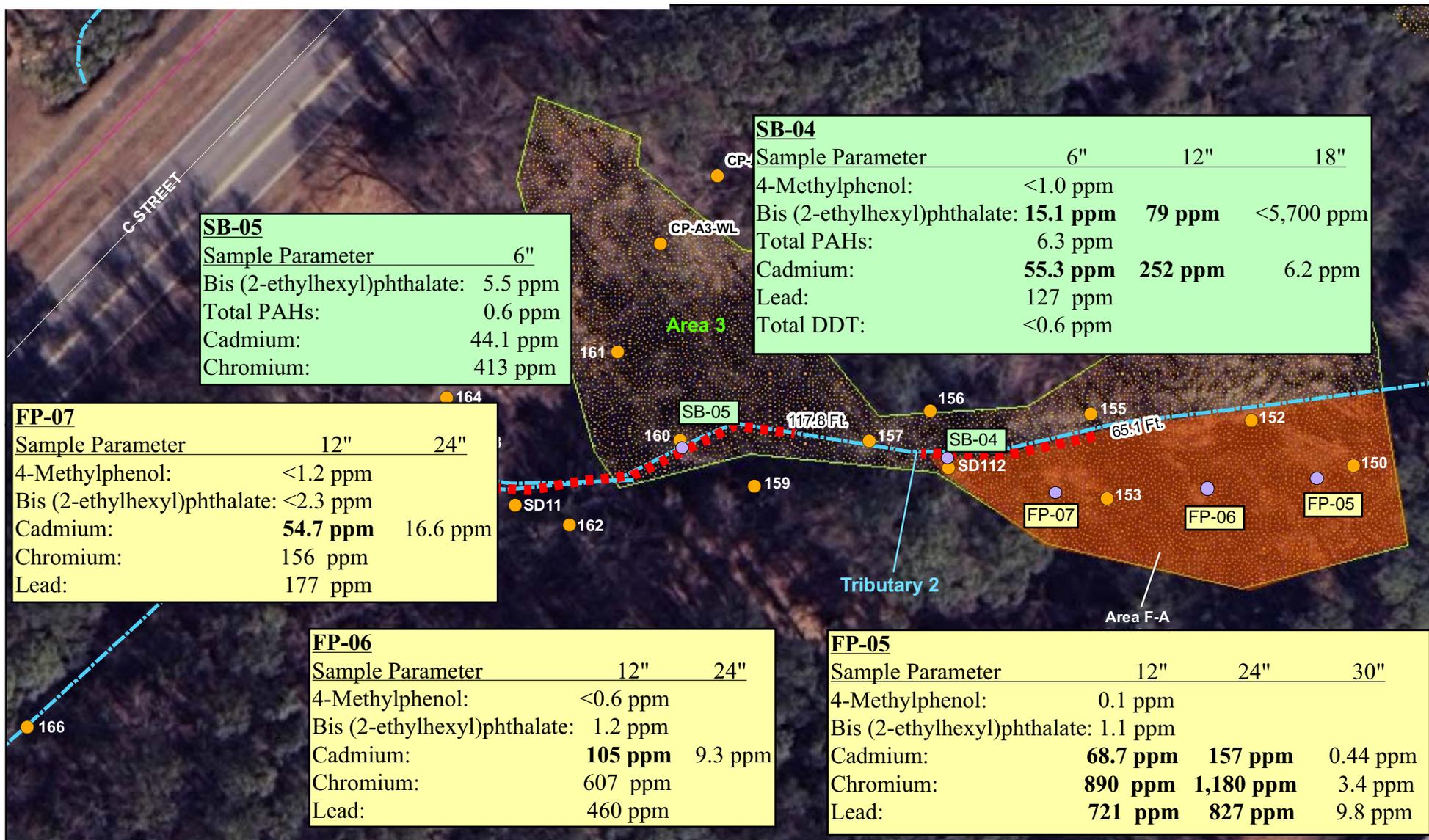
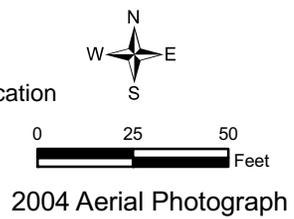


Figure 5  
Area 3 Pre-Confirmatory Sampling Results

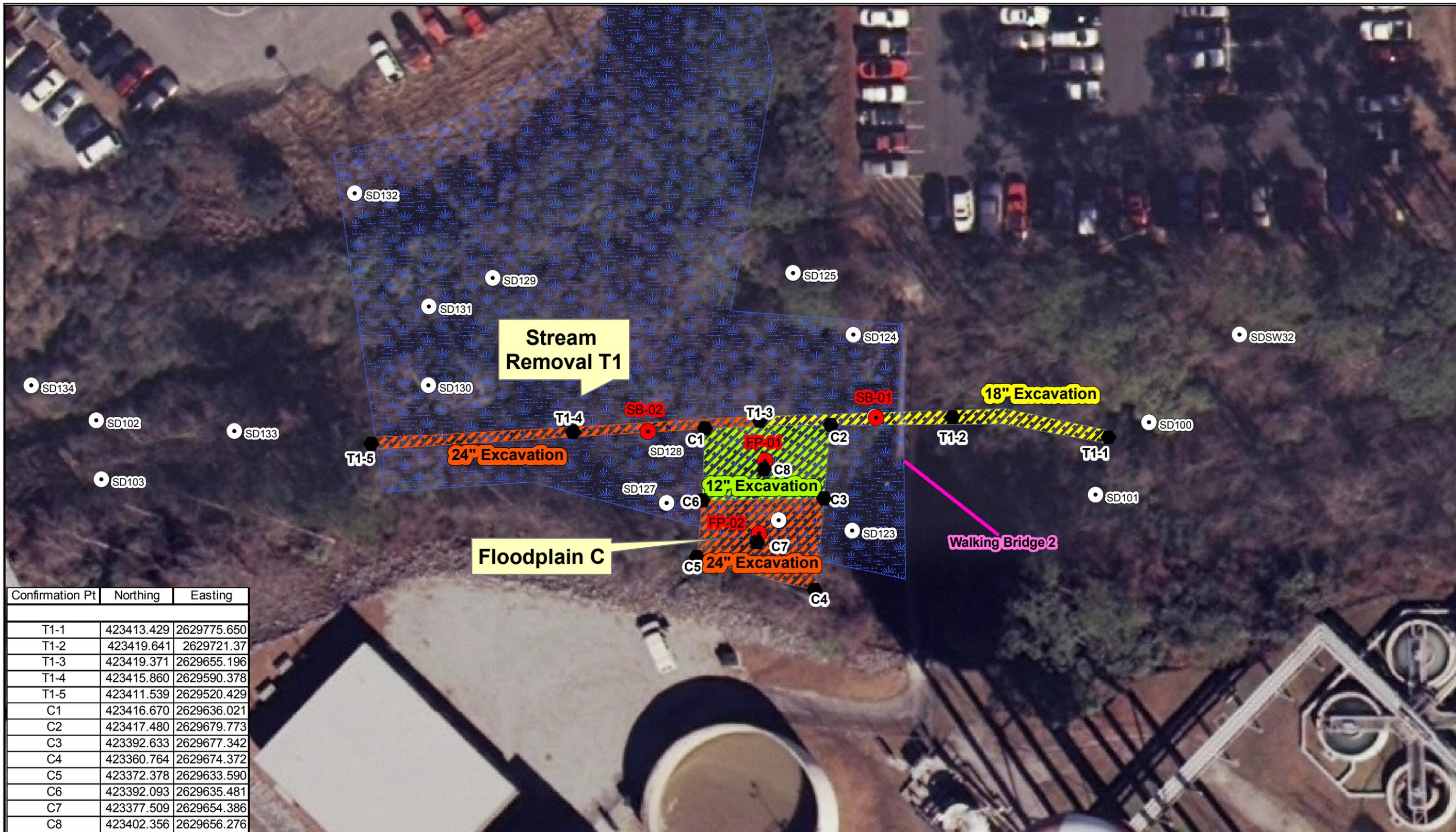
MCAS Cherry Point, North Carolina

- Legend**
- Sediment Sample Location
  - Streams
  - Extent of Stream Removal
  - ⋯ Wetlands
  - Horizontal Extent of Floodplain Removal
  - Area 3
  - Pre-confirmatory Sample Location



Total Acreage for Area 3 is 0.54 acres

NOTE: This figure was copied from Figure 2-4c, OU1, Tributary 2 EE/CA, August 2007, CH2MHILL. The title has been changed and the pre-confirmatory sample locations and results have been added.



Confirmation Pt	Northing	Easting
T1-1	423413.429	2629775.650
T1-2	423419.641	2629721.37
T1-3	423419.371	2629655.196
T1-4	423415.860	2629590.378
T1-5	423411.539	2629520.429
C1	423416.670	2629636.021
C2	423417.480	2629679.773
C3	423392.633	2629677.342
C4	423360.764	2629674.372
C5	423372.378	2629633.590
C6	423392.093	2629635.481
C7	423377.509	2629654.386
C8	423402.356	2629656.276

### Legend

- Pre-Confirmatory Sample Locations (Oct & Nov 2007)
- BERA or Post-BERA Sample Locations
- Excavation Confirmation Points

Wetlands



0 15 30 60 Feet



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Printed Date:			
No.	DESCRIPTION	Date	BY
REVISIONS			

<b>FIGURE 6</b>					
<b>AREA 1</b>					
<b>FINAL LIMITS OF REMOVAL</b>					
OU1, TRIBUTARY 2 REMOVAL ACTION					
MCAS CHERRY POINT, NORTH CAROLINA					
Drawn By	Checked By	Date	Scale	Job	Drawing No.
TJG	ED	11-03-08		367	6



Confirmation Pt	Northing	Easting
T2-1	423331.107	2629181.948
T2-2	423321.694	2629143.225
T2-3	423292.384	2629107.497
B1	423254.730	2629001.167
B2	423272.059	2629044.812
B3	423243.177	2629050.374
B4	423222.425	2629008.014
B5	423246.386	2629025.343

**Legend**

- Pre-Confirmatory Sample Locations (Oct & Nov 2007)
- BERA or Post-BERA Sample Locations
- ◆ Excavation Confirmation Points



Wetlands



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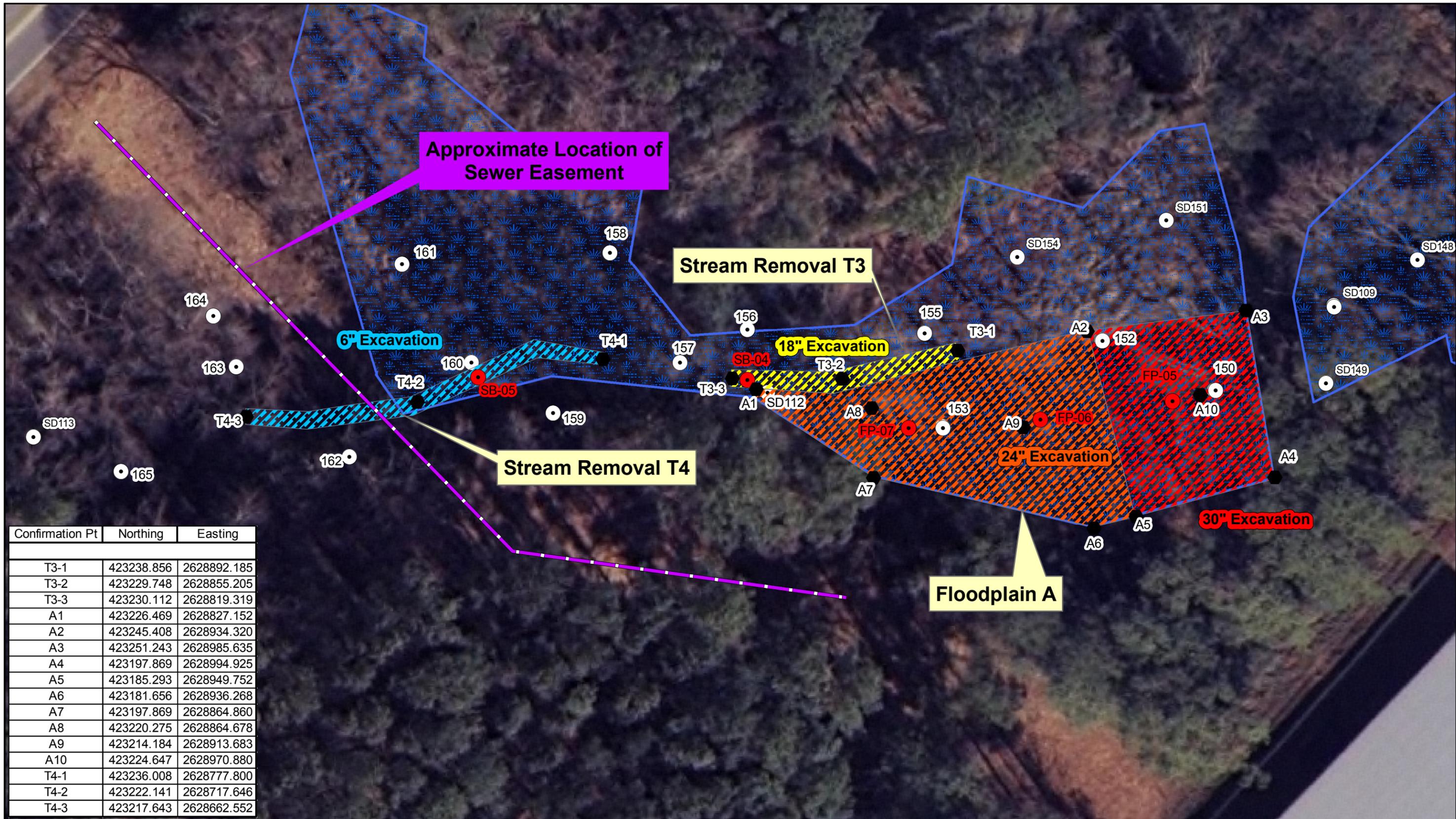
Printed Date:

No.	DESCRIPTION	Date	BY
	REVISIONS		

**FIGURE 7  
AREA 2  
FINAL LIMITS OF REMOVAL**

OU1, TRIBUTARY 2 REMOVAL ACTION  
MCAS CHERRY POINT, NORTH CAROLINA

Drawn By	Checked By	Date	Scale	Job	Drawing No.
TJG	ED	11-03-08		367	7



**Legend**

- Pre-Confirmatory Sample Locations (Oct & Nov 2007)
- BERA or Post-BERA Sample Locations
- Excavation Confirmation Points

Wetlands



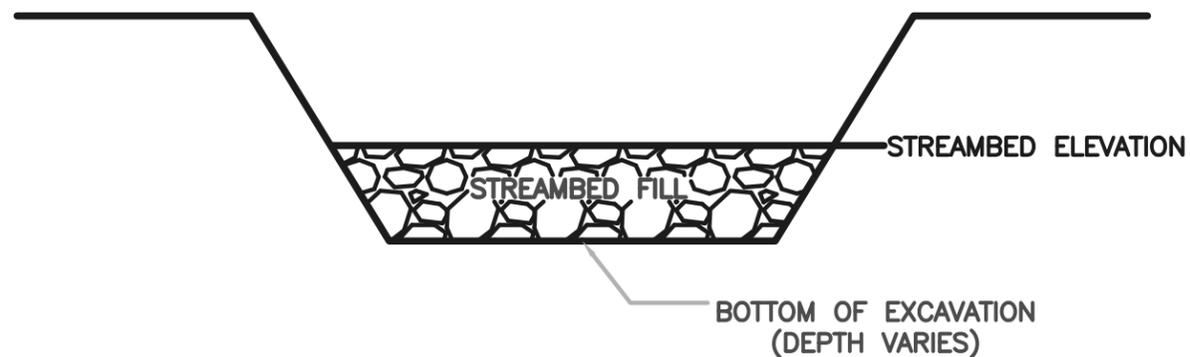
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Printed Date:			
No.	DESCRIPTION	Date	BY
REVISIONS			

**FIGURE 8**  
**AREA 3**  
**FINAL LIMITS OF REMOVAL**

OU1, TRIBUTARY 2 REMOVAL ACTION  
MCAS CHERRY POINT, NORTH CAROLINA

Drawn By	Checked By	Date	Scale	Job	Drawing No.
TJG	ED	11-03-08		367	8

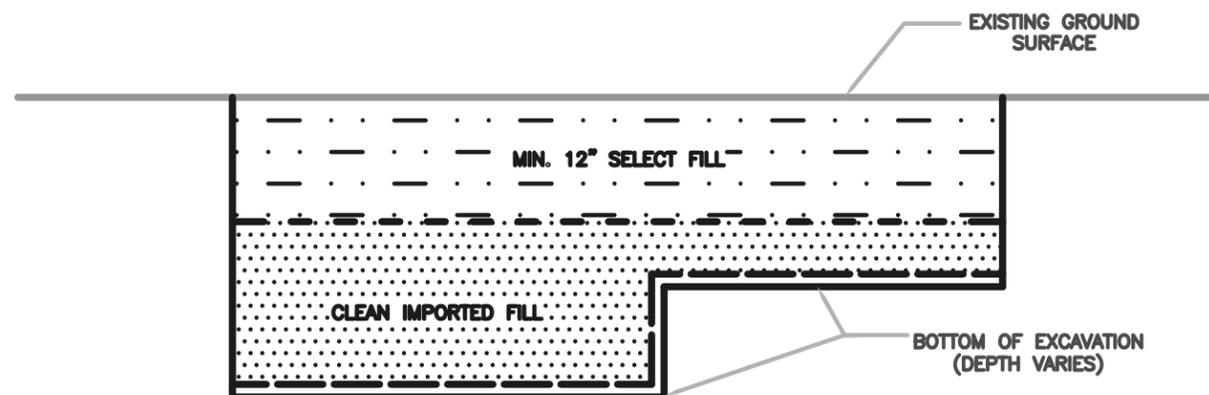


⊕ A STREAMBED BACKFILL DETAIL (TYP.)  
(N.T.S.)

NOTES: STREAMBED FILL IS COARSE WASHED SAND.

SELECT FILL IS TOPSOIL WITH APPROXIMATELY 80% FINE SAND WITH 4-12% ORGANIC CARBON.

CLEAN IMPORTED FILL IS NCDOT #5 GRAVEL.



⊕ B FLOODPLAIN BACKFILL DETAIL (TYP.)  
(N.T.S.)

PRINTED DATE:				TYPICAL BACKFILL DETAILS					
4				OU1, TRIBUTARY 2 REMOVAL ACTION					
3				MCAS CHERRY POINT, NORTH CAROLINA					
2				RHEA ENGINEERS & CONSULTANTS, INC.					
1				4951 WILLIAM FLYNN HIGHWAY, SUITE 12					
				GIBSONIA, PA 15044					
NO.	DESCRIPTION	DATE	BY	Drawn By	Checked By	Date	Scale	Job	Drawing No.
	REVISIONS			BAM	ELSD	OCT. 08	NTS	367	9

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## **APPENDIX A**

# **DAILY CONTRACTOR PRODUCTION REPORTS AND CONTRACTOR QUALITY REPORTS**

**FIGURE 7 - CONTRACTOR PRODUCTION REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 2

DATE  
6-10-08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

TITLE AND LOCATION  
OUI, TRIBUTARY 2 REMEDIAL ACTION

REPORT NO.  
1

CONTRACTOR: Rhea Engineers and Consultants, Inc.

SUPERINTENDENT: Griz, Brad McCalla of Rhea

AM WEATHER  
Warm Humid 82°F

PM WEATHER

MAX TEMP  
82

MIN TEMP  
97

**WORK PERFORMED TODAY**

staging

WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
+ Access Area 1 to 3 Brush Removal + chipping	Rhea	1	Geologist	16.5
"	Rhea	1	PM	16.5
"	P+F	1	PM	9.5
"	P+F	1	Operator	9.5
"	MEC	1	Operator	7.0

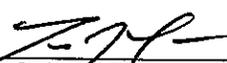
	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES, attach a copy of the meeting minutes)	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	TOTAL WORK HOURS ON JOB SITE THIS DATE	59.0
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES, attach a copy of the OSHA Report)	<input type="checkbox"/> YES <input type="checkbox"/> NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	-
WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? (If YES, attach a statement or checklist showing inspection performed)	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION	59.0	
WAS HAZARDOUS MATERIAL/WASTE RELEASED IN TO THE ENVIRONMENT? (If YES, attach description of incident and proposed action)	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTION CONDUCTED  
Daily Safety Meeting : Topic Flora + Fauna      **Yes**      SAFETY REQUIREMENTS HAVE BEEN MET

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB  
+ Bobcat Excavator with brush grinder - P+F  
1 E+S Materials (Silt Dikes, wattles, silt curtains)

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY  
1 Bobcat Excavator with brush grinder - P+F 7.0 hrs      1 Broom Vehicle - 0 hrs - MEC  
1 Backhoe - 0.5 hrs (Got stuck) (AND Damaged)  
1 Forklift w/ Extendable boom - MEC - 7.0 hrs

REMARKS  
 1) Completed 85% brush clearing + grinding for Access 1  
 2) Completed 15% brush clearing + grinding for Access 2  
 3) Completed 50% brush clearing + grinding for Access 3  
 4) Completed 80% brush clearing + grinding for Flood plain C  
 5) Completed 100% barricade construction for Staging Area 1  
 6) Completed 100% barricade construction for Staging Area 2  
 Day shift included brush clearing with P+F  
 Evening shift with MEC Operator to construct Barricade

      6-10-08  
 CONTRACTOR'S SUPERINTENDENT      DATE

**FIGURE 8 - CONTRACTOR QUALITY CONTROL REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 2 of 2 DATE 6-10-08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

CONTRACTOR  
Rhea Engineers and Consultants, Inc.

PHASE Y - YES, N - NO, SEE REMARKS  
BLANK - NOT APPLICABLE IDENTIFY DEFINABLE FEATURES OF WORK, LOCATION, AND LIST PERSONNEL PRESENT

P	THE PLANS AND SPECS HAVE BEEN REVIEWED	Y
R	THE SUBMITTALS HAVE BEEN APPROVED	N/A
P	MATERIALS COMPLY WITH APPROVED SUBMITTALS	N/A
R	MATERIALS STORED PROPERLY	Yes <del>N/A</del>
T	TESTING PLAN HAS BEEN REVIEWED	Yes <del>N/A</del>
R	WORK METHOD AND SCHEDULE DISCUSSED	Y

Mobilization + Site Setup Staging Area 1+2  
For personnel, see page I

I N I T I A L	PRELIMINARY WORK WAS DONE CORRECTLY	Y
	SAMPLE HAS BEEN PREPARED/APPROVED	N/A
	WORKMANSHIP IS SATISFACTORY	Y
	TEST RESULTS ARE ACCEPTABLE	N/A
	WORK IS IN COMPLIANCE WITH THE CONTRACT	Y

Mobilization + Site Setup, Staging Area 1+2 for personnel, see page I

TESTING PERFORMED AND WHO PERFORMED TEST

N/A

F O L L O W U P	WORK COMPLIES WITH CONTRACT AS APPROVED IN INITIAL PHASE	N/A
	COMPLETION INSPECTION	N/A

N/A

TESTING PERFORMED AND WHO PERFORMED TEST

N/A

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

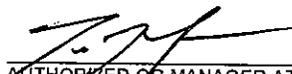
N/A

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

N/A

REMARKS:

On behalf of the contractor, I certify that this report is complete and correct and equipment and materials used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

  
AUTHORIZED QC MANAGER AT SITE

6-10-08  
DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY CONTROL MANAGER

DATE

**FIGURE 7 - CONTRACTOR PRODUCTION REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 2 DATE 6-11-07

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

TITLE AND LOCATION  
OUI, TRIBUTARY 2 REMEDIAL ACTION

REPORT NO.  
2

CONTRACTOR: Rhêa Engineers and Consultants, Inc.

SUPERINTENDENT: T. Gray Brad McCulla of Rhêa

AM WEATHER  
90° F Muggy

PM WEATHER  
85° WOT

MAX TEMP 90 F MIN TEMP 85 F

**WORK PERFORMED TODAY**

WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
<u>Access + Staging Areas Brush clearing and site set up</u>	<u>Rhea</u>	<u>1</u>	<u>Geologist</u>	<u>1.0</u>
<u>"</u>	<u>Rhea</u>	<u>1</u>	<u>PM</u>	<u>1.0</u>
<u>"</u>	<u>P+P</u>	<u>1</u>	<u>OPERATOR</u>	<u>8.0</u>
<u>"</u>	<u>MEC</u>	<u>1</u>	<u>operator</u>	<u>5.5</u>



WAS A JOB SAFETY MEETING HELD THIS DATE?  
(If YES, attach a copy of the meeting minutes)

YES  NO

TOTAL WORK HOURS ON JOB SITE THIS DATE 33.5

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?  
(If YES, attach a copy of the OSHA Report)

YES  NO

CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT 59.0

WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE?  
(If YES, attach a statement or checklist showing inspection performed)

YES  NO

TOTAL WORK HOURS FROM START OF CONSTRUCTION 92.5

WAS HAZARDOUS MATERIAL/WASTE RELEASED IN TO THE ENVIRONMENT?  
(If YES, attach description of incident and proposed action)

YES  NO

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTION CONDUCTED

Daily safety meeting TOPIC Dangers related to flying Debris from equipment.

Yes SAFETY REQUIREMENTS HAVE BEEN MET

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>1) 1 Triaxel load of #57 stone</li> <li>2) 1 Triaxel load of sand for sandbags</li> <li>3) 75 sand bags</li> <li>4) 4 Rolls of Poly sheeting</li> <li>5) 60 Bails of Straw</li> </ul> | <ul style="list-style-type: none"> <li>6) 1 4" selfpriming pump - delivered</li> </ul> |
|--|--|

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY

- 1) 1 Truck hoe 1 hr - MEC
- 2) 2 Job articulated Dump trucks 0hrs - MEC
- 3) 1 Forklift w/ extendable boom - Mec - 5.5
- 4) 1 Bobcat Loader w/ brush chipper attachment - P+P - 8.0 hrs
- 1 Broom vehicle - 0hrs - MEC

REMARKS

- 1) Brush clearing in Access 3 52% complete
- 2) Brush clearing in Floodplain C 95% complete
- 3) Brush clearing in Access Area 2 17% complete
- 4) Constructed 50 sand bags
- 5) Used stone to decrease slope angle from parking lot to stream elevation
- 6) Collected back fill samples

[Signature]  
CONTRACTOR'S SUPERINTENDENT

6-11-08  
DATE



**FIGURE 7 - CONTRACTOR PRODUCTION REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 2 DATE 6-12-08  
REPORT NO. 3

CONTRACT NO. N40085-07-D-1905	TASK ORDER NO. 0006	TITLE AND LOCATION OUI, TRIBUTARY 2 REMEDIAL ACTION
CONTRACTOR: Rhēa Engineers and Consultants, Inc.		SUPERINTENDENT: Brad McCalla of Rhēa
AM WEATHER <u>Warm &amp; Humid</u>	PM WEATHER <u>Warm + Humid</u>	MAX TEMP <u>85</u> F MIN TEMP <u>88</u> F

**WORK PERFORMED TODAY**

WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
<u>Staging Area Setup + Access Area Setup</u>	<u>Rhea</u>	<u>1</u>	<u>Geologist</u>	<u>10</u>
<u>"</u>	<u>Rhea</u>	<u>1</u>	<u>AM</u>	<u>10</u>
<u>"</u>	<u>MEC</u>	<u>1</u>	<u>Operator</u>	<u>7.0</u>
<u>"</u>	<u>MEC</u>	<u>1</u>	<u>Laborer</u>	<u>9.0</u>



WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES, attach a copy of the meeting minutes)  YES  NO  
 WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES, attach a copy of the OSHA Report)  YES  NO  
 WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? (If YES, attach a statement or checklist showing inspection performed)  YES  NO  
 WAS HAZARDOUS MATERIAL/WASTE RELEASED IN TO THE ENVIRONMENT? (If YES, attach description of incident and proposed action)  YES  NO

TOTAL WORK HOURS ON JOB SITE THIS DATE 36.0  
 CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT 92.5  
 TOTAL WORK HOURS FROM START OF CONSTRUCTION 106.5

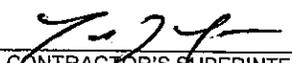
LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTION CONDUCTED  
Daily Safety meeting Topic Flora Fauna + chemicals

SAFETY REQUIREMENTS HAVE BEEN MET

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB  
1 3" Trash pump

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY.  
1 Track Hoe (excavators) - Mec - 3 hrs      1 Extendable Fork Lift - 4 hrs  
2 Articulating Dump Trucks - Mec 0.5 hrs      1 Brown vehicle - Mec - 0 hrs  
1 4" Pump - Mec 2.0 hrs

REMARKS  
 1) Finished clearing Access I + Stream Removal Section T1 East of walking bridge  
 2) placed pump and ran pump test on stream, test failed volume of water greater than max capacity of pump. ordered additional pump.  
 3) Brought in 3" trash pump, still unable to stop stream flow, pump returned.

  
 CONTRACTOR'S SUPERINTENDENT      DATE 6-12-08

**FIGURE 8 - CONTRACTOR QUALITY CONTROL REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 2 of 2 DATE 6-12-08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

CONTRACTOR  
Rhea Engineers and Consultants, Inc.

PHASE	Y - YES, N - NO, SEE REMARKS BLANK - NOT APPLICABLE	IDENTIFY DEFINABLE FEATURES OF WORK, LOCATION, AND LIST PERSONNEL PRESENT	
P R E P A R A T O R Y	THE PLANS AND SPECS HAVE BEEN REVIEWED	Y	Mobilization + site setup, staging area 1+2 for personnel, see page 1
	THE SUBMITTALS HAVE BEEN APPROVED	N/A	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	Y	
	MATERIALS STORED PROPERLY	Y	
	TESTING PLAN HAS BEEN REVIEWED	Y	
	WORK METHOD AND SCHEDULE DISCUSSED	Y	
I N I T I A L	PRELIMINARY WORK WAS DONE CORRECTLY	Y	Mobilization + site setup, staging Area 1+2
	SAMPLE HAS BEEN PREPARED/APPROVED	Y	
	WORKMANSHIP IS SATISFACTORY	Y	
	TEST RESULTS ARE ACCEPTABLE	N/A	
	WORK IS IN COMPLIANCE WITH THE CONTRACT	Y	
F O L L O W U P	WORK COMPLIES WITH CONTRACT AS APPROVED IN INITIAL PHASE	N/A	N/A
	COMPLETION INSPECTION	N/A	
REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
N/A		N/A	
REMARKS:			
<small>On behalf of the contractor, I certify that this report is complete and correct and equipment and materials used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.</small>			
GOVERNMENT QUALITY ASSURANCE REPORT AUTHORIZED QC MANAGER AT SITE			DATE <u>6-12-08</u>
QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT			
GOVERNMENT QUALITY CONTROL MANAGER			DATE

**FIGURE 7 - CONTRACTOR PRODUCTION REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 2

DATE 6-13-08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

TITLE AND LOCATION  
OUI, TRIBUTARY 2 REMEDIAL ACTION

REPORT NO.  
4

CONTRACTOR: Rhea Engineers and Consultants, Inc.

SUPERINTENDENT J. G. Ziegler  
Brad McCalla of Rhea

AM WEATHER  
Sunny + Clear

PM WEATHER  
Sunny + Muggy

MAX TEMP 80° F

MIN TEMP 90° F

**WORK PERFORMED TODAY**

WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
<u>Staging Area Setup + Access Area Setup and</u>	<u>Rhea</u>	<u>1</u>	<u>Geologist</u>	<u>8.0</u>
<u>Stream bed T-1 Clearing</u>	<u>Rhea</u>	<u>1</u>	<u>PM</u>	<u>5.0</u>
	<u>MEC</u>	<u>1</u>	<u>Operator</u>	<u>8.0</u>
	<u>MEC</u>	<u>1</u>	<u>Labourer</u>	<u>8.0</u>



WAS A JOB SAFETY MEETING HELD THIS DATE?  
(If YES, attach a copy of the meeting minutes)

YES  NO

TOTAL WORK HOURS ON JOB SITE THIS DATE 29.0

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?  
(If YES, attach a copy of the OSHA Report)

YES  NO

CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT 128.5

WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE?  
(If YES, attach a statement or checklist showing inspection performed)

YES  NO

TOTAL WORK HOURS FROM START OF CONSTRUCTION 157.5  
147.5

WAS HAZARDOUS MATERIAL/WASTE RELEASED IN TO THE ENVIRONMENT?  
(If YES, attach description of incident and proposed action)

YES  NO

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTION CONDUCTED

Safety Meeting Flora + Fauna, Equipment, Chemicals

Yes

SAFETY REQUIREMENTS HAVE BEEN MET

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

16 Pulpwood Mats - CIEZKO

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY

2 Articulating Dumptrucks - Mec - 8hrs 1 yr pump - RHEA - 0hrs  
1 Track hoe excavator - Mec - 8hrs 1 Broom vehicle - Mec - 0hrs  
1 Extendable Forklift - Mec - 8hrs

REMARKS

- 1) Relocated 4" pump to make room for additional pump
- 2) Placed Pulpwood Mats to gain Access to Access Area 1 & 2 for Stream bed Removal 1 + Stream Floodplain Removal C
- 3) placed 6" pump + setup and test. Test passed Stream flow diverted.

J. G. Ziegler  
CONTRACTOR'S SUPERINTENDENT

6-13-08  
DATE

**FIGURE 8 - CONTRACTOR QUALITY CONTROL REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 2 of 2

DATE 6-13-08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

CONTRACTOR  
Rhea Engineers and Consultants, Inc.

PHASE	Y - YES, N- NO, SEE REMARKS BLANK - NOT APPLICABLE	IDENTIFY DEFINABLE FEATURES OF WORK, LOCATION, AND LIST PERSONNEL PRESENT
P R E P A R A T O R Y	THE PLANS AND SPECS HAVE BEEN REVIEWED	Y
	THE SUBMITTALS HAVE BEEN APPROVED	N/A
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	Y
	MATERIALS STORED PROPERLY	Y
	TESTING PLAN HAS BEEN REVIEWED	Y
	WORK METHOD AND SCHEDULE DISCUSSED	Y
I N I T I A L	PRELIMINARY WORK WAS DONE CORRECTLY	Y
	SAMPLE HAS BEEN PREPARED/APPROVED	Y
	WORKMANSHIP IS SATISFACTORY	Y
	TEST RESULTS ARE ACCEPTABLE	N/A
	WORK IS IN COMPLIANCE WITH THE CONTRACT	Y
F O L L O W U P	WORK COMPLIES WITH CONTRACT AS APPROVED IN INITIAL PHASE	N/A
	COMPLETION INSPECTION	N/A

Mobilization + Site Setup Areas 1 + 2  
For personnel see sheet 1

Mobilization + Site Setup Areas 1 + 2

TESTING PERFORMED AND WHO PERFORMED TEST

N/A

TESTING PERFORMED AND WHO PERFORMED TEST

N/A

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)  
N/A

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)  
N/A

REMARKS:

On behalf of the contractor, I certify that this report is complete and correct and equipment and materials used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

*[Signature]*  
AUTHORIZED QC MANAGER AT SITE

6-13-08  
DATE

GOVERNMENT QUALITY ASSURANCE REPORT

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

GOVERNMENT QUALITY CONTROL MANAGER

DATE

**FIGURE 7 - CONTRACTOR PRODUCTION REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 2

DATE 6-14-08 + 6-15-08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

TITLE AND LOCATION  
OUI, TRIBUTARY 2 REMEDIAL ACTION

REPORT NO.  
5

CONTRACTOR: Rhea Engineers and Consultants, Inc.

SUPERINTENDENT J. G. [Signature]  
Brad McCalla of Rhea

AM WEATHER

PM WEATHER

MAX TEMP

F

MIN TEMP

F

**WORK PERFORMED TODAY**

WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
Access Areas 1 + 2, Stream bed Removal T1 + Flood Plain Removal C	RHEA	1	Geologist	0
	MEC	1	operator	0
	MEC	1	laborer	0



WAS A JOB SAFETY MEETING HELD THIS DATE?  
(If YES, attach a copy of the meeting minutes)

YES  NO

TOTAL WORK HOURS ON JOB SITE THIS DATE 0

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?  
(If YES, attach a copy of the OSHA Report)

YES  NO

CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT 157.5

WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE?  
(If YES, attach a statement or checklist showing inspection performed)

YES  NO

TOTAL WORK HOURS FROM START OF CONSTRUCTION 157.5

WAS HAZARDOUS MATERIAL/WASTE RELEASED IN TO THE ENVIRONMENT?  
(If YES, attach description of incident and proposed action)

YES  NO

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTION CONDUCTED

Yes

SAFETY REQUIREMENTS HAVE BEEN MET

N/A

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

None

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY

1 Excavator - MEC - 0 hrs      1 4" Pump - MEC - 0 hrs  
 1 Backhoe - MEC - 0 hrs      1 6" pump - Mec - 0 hrs  
 2 Articulating Dumptrucks - MEC 0hrs      1 Extendable Fork lift - MEC - 0hrs

REMARKS

Weekend No Work

[Signature]  
CONTRACTOR'S SUPERINTENDENT

6-15-08  
DATE

**FIGURE 8 - CONTRACTOR QUALITY CONTROL REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 2 of 2

DATE 6-14 to 6-15-08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

CONTRACTOR  
Rhea Engineers and Consultants, Inc.

PHASE	Y - YES, N- NO, SEE REMARKS BLANK - NOT APPLICABLE	IDENTIFY DEFINABLE FEATURES OF WORK, LOCATION, AND LIST PERSONNEL PRESENT
P R E P A R A T O R Y	THE PLANS AND SPECS HAVE BEEN REVIEWED	N/A
	THE SUBMITTALS HAVE BEEN APPROVED	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	
	MATERIALS STORED PROPERLY	
	TESTING PLAN HAS BEEN REVIEWED	
	WORK METHOD AND SCHEDULE DISCUSSED	

I N I T I A L	PRELIMINARY WORK WAS DONE CORRECTLY	N/A	TESTING PERFORMED AND WHO PERFORMED TEST
	SAMPLE HAS BEEN PREPARED/APPROVED		
	WORKMANSHIP IS SATISFACTORY		
	TEST RESULTS ARE ACCEPTABLE		
	WORK IS IN COMPLIANCE WITH THE CONTRACT		

F O L L O W U P	WORK COMPLIES WITH CONTRACT AS APPROVED IN INITIAL PHASE	N/A	TESTING PERFORMED AND WHO PERFORMED TEST
	COMPLETION INSPECTION		

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)  
N/A

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)  
N/A

REMARKS:

On behalf of the contractor, I certify that this report is complete and correct and equipment and materials used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

T. J. H.  
AUTHORIZED QC MANAGER AT SITE

6-15-08  
DATE

**GOVERNMENT QUALITY ASSURANCE REPORT**

DATE

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

GOVERNMENT QUALITY CONTROL MANAGER

DATE

**FIGURE 7 - CONTRACTOR PRODUCTION REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 2 DATE 6-16-08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

TITLE AND LOCATION  
OUI, TRIBUTARY 2 REMEDIAL ACTION

REPORT NO.  
6

CONTRACTOR: Rhēa Engineers and Consultants, Inc.

SUPERINTENDENT Brad McCalla of Rhēa

AM WEATHER  
Warm + Muggy

PM WEATHER  
Hot + Muggy

MAX TEMP  
86 F

MIN TEMP  
92 F

**WORK PERFORMED TODAY**

WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
Staging Area, Access Areas 1+2, Stream Removal T1, and Flood plain Removal C	Rhea	1	Geologist	8.0
	MEC	1	Operator	8.0
	MEC	1	Labourer	8.0



WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES, attach a copy of the meeting minutes)  YES  NO  
 WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES, attach a copy of the OSHA Report)  YES  NO  
 WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? (If YES, attach a statement or checklist showing inspection performed)  YES  NO  
 WAS HAZARDOUS MATERIAL/WASTE RELEASED IN TO THE ENVIRONMENT? (If YES, attach description of incident and proposed action)  YES  NO

TOTAL WORK HOURS ON JOB SITE THIS DATE **24.0**  
 CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT **157.5**  
 TOTAL WORK HOURS FROM START OF CONSTRUCTION **181.5**

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTION CONDUCTED  
 Safety topic Flare + Fawna, chemicals, equipment

Yes SAFETY REQUIREMENTS HAVE BEEN MET

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

1 ~~TD~~ Tandon Truck of Sand

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY

1 Excavator - Mec - 5.0 hrs  
 1 ~~FD~~ Extendable Forklift - Mec - 0.5 hrs  
 2 Articulating Dumptrucks - Mec - 8.0 hrs  
 1 4" pump - Mec - 8.0 hrs  
 1 6" pump - Mec - 8.0 hrs  
 1 Backhoe - Mec - 4.0 hrs

REMARKS

Excavated 50' Stream channel from TL east of walking bridge. Replaced stream bed with approved sand.

*Y. J. P.*  
CONTRACTOR'S SUPERINTENDENT

6-16-08  
DATE



**FIGURE 7 - CONTRACTOR PRODUCTION REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 2 DATE 8-17-08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

TITLE AND LOCATION  
OUI, TRIBUTARY 2 REMEDIAL ACTION

REPORT NO.  
7

CONTRACTOR: Rhea Engineers and Consultants, Inc. SUPERINTENDENT: Frank Brad McCalla of Rhea

AM WEATHER: Cloudy + HOT PM WEATHER: Partly Cloudy Hot + Muggy MAX TEMP: 86° F MIN TEMP: 93 F

**WORK PERFORMED TODAY**

WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
<u>Stream Removal T1, Flood Plain Removal C</u>	<u>Rhea</u>	<u>1</u>	<u>Geologist</u>	<u>10.0</u>
<u>"</u>	<u>MEC</u>	<u>1</u>	<u>operator</u>	<u>8.0</u>
<u>"</u>	<u>MEC</u>	<u>1</u>	<u>laborer</u>	<u>10.0</u>



WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES, attach a copy of the meeting minutes)  YES  NO  
 TOTAL WORK HOURS ON JOB SITE THIS DATE: 28.0  
 WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES, attach a copy of the OSHA Report)  YES  NO  
 CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT: 181.5  
 WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? (If YES, attach a statement or checklist showing inspection performed)  YES  NO  
 TOTAL WORK HOURS FROM START OF CONSTRUCTION: 209.5  
 WAS HAZARDOUS MATERIAL/WASTE RELEASED IN TO THE ENVIRONMENT? (If YES, attach description of incident and proposed action)  YES  NO

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTION CONDUCTED

Safety Topic - Flora + Fauna, Equipment

Yes SAFETY REQUIREMENTS HAVE BEEN MET

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

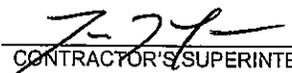
2 Tandem trucks of sand

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY

1 Extendable Forklift - MEC - 2 hrs      1 Backhoe - Mec - 4.0 hrs  
2 Articulating Dump trucks - MEC - 4.0      4" pump - 1.0 hr  
1 Excavator 10.0 hrs      1 6" pump - 10 hrs

REMARKS

Ron Campbell of NAVFAC stated that chain has to be rated for use.  
1) Completed 30' streambed section of Stream Removal T-1 East of walking bridge.  
- lost hour of work due to turtle  
- Stream removal T1 completed East of walking bridge

  
 CONTRACTOR'S SUPERINTENDENT      DATE 8-17-08

Ronnie Campbell

**FIGURE 8 - CONTRACTOR QUALITY CONTROL REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 2 of 2

DATE 8-17-08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

CONTRACTOR  
Rhea Engineers and Consultants, Inc.

PHASE Y - YES, N- NO, SEE REMARKS  
BLANK - NOT APPLICABLE

IDENTIFY DEFINABLE FEATURES OF WORK, LOCATION, AND LIST PERSONNEL PRESENT

P	THE PLANS AND SPECS HAVE BEEN REVIEWED	Y
R	THE SUBMITTALS HAVE BEEN APPROVED	N/A
P	MATERIALS COMPLY WITH APPROVED SUBMITTALS	Y
A	MATERIALS STORED PROPERLY	Y
R	TESTING PLAN HAS BEEN REVIEWED	Y
A	WORK METHOD AND SCHEDULE DISCUSSED	Y

Stream Removal T1, Flood Plain Removal C  
For Personnel see sheet 1

I N I T I A L	PRELIMINARY WORK WAS DONE CORRECTLY	Y
	SAMPLE HAS BEEN PREPARED/APPROVED	N/A
	WORKMANSHIP IS SATISFACTORY	Y
	TEST RESULTS ARE ACCEPTABLE	N/A
	WORK IS IN COMPLIANCE WITH THE CONTRACT	Y

Stream Removal T1,  
Flood Plain Removal C

TESTING PERFORMED AND WHO PERFORMED TEST

F O L L O W  U P	WORK COMPLIES WITH CONTRACT AS APPROVED IN INITIAL PHASE	N/A
	COMPLETION INSPECTION	N/A

N/A

TESTING PERFORMED AND WHO PERFORMED TEST

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

N/A

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

N/A

REMARKS:

On behalf of the contractor, I certify that this report is complete and correct and equipment and materials used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

[Signature]  
AUTHORIZED QC MANAGER AT SITE

8-17-08  
DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY CONTROL MANAGER

DATE

**FIGURE 7 - CONTRACTOR PRODUCTION REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 2 DATE 6-18-08

CONTRACT NO. N40085-07-D-1905 TASK ORDER NO. 0006 TITLE AND LOCATION OUI, TRIBUTARY 2 REMEDIAL ACTION REPORT NO. 8

CONTRACTOR: Rhea Engineers and Consultants, Inc. SUPERINTENDENT Brad McCaffa of Rhea

AM WEATHER Cool Hazy PM WEATHER MAX TEMP 67 F MIN TEMP F

**WORK PERFORMED TODAY**

WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
Stream bed Removal, Access Area 2, Flood Plain Removal C	RHEA	1	Geologist	9.0
"	MEC	1	operator	9.0
Site Clearing Stream bed T-1, I-2, T-3, Flood plain Removal A-B-C	WWM	1	operator	6.0
	WWM	1	Driver	6.0



WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES, attach a copy of the meeting minutes)  YES  NO  
 WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES, attach a copy of the OSHA Report)  YES  NO  
 WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? (If YES, attach a statement or checklist showing inspection performed)  YES  NO  
 WAS HAZARDOUS MATERIAL/WASTE RELEASED IN TO THE ENVIRONMENT? (If YES, attach description of incident and proposed action)  YES  NO

TOTAL WORK HOURS ON JOB SITE THIS DATE: 30.0  
 CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT: 209.5  
 TOTAL WORK HOURS FROM START OF CONSTRUCTION: 239.5  
 224.5

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTION CONDUCTED: Safety topic Flora + Fauna, chemicals, Equipment. SAFETY REQUIREMENTS HAVE BEEN MET: Yes

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY  
 1 Excavator - MEC - 5 hrs  
 1 Extendable Forklift + MEC 8 hrs  
 2 Articulating Dump trucks 4 hrs  
 1 4" Pump - MEC - 8 hrs  
 1 6" Pump - MEC - 8 hrs  
 1 backhoe - MEC - 8 hrs  
 1 Skid Steer w/ grinder Attachment - WWM -

REMARKS  
 Pull equipment and Materials from Access Area 1 move to west side of walking bridge for continuation of stream Removal T-1 and Floodplain removal C  
 Cleared Remaining work areas, equipment got stuck twice.

CONTRACTOR'S SUPERINTENDENT DATE 6-18-08

**FIGURE 8 - CONTRACTOR QUALITY CONTROL REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 2 of 2

DATE 6-18-08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

CONTRACTOR  
Rhea Engineers and Consultants, Inc.

PHASE	Y - YES, N - NO, SEE REMARKS BLANK - NOT APPLICABLE	IDENTIFY DEFINABLE FEATURES OF WORK, LOCATION, AND LIST PERSONNEL PRESENT
P R E P A R A T O R Y	THE PLANS AND SPECS HAVE BEEN REVIEWED	Y
	THE SUBMITTALS HAVE BEEN APPROVED	N/A
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	Y
	MATERIALS STORED PROPERLY	Y
	TESTING PLAN HAS BEEN REVIEWED	Y
	WORK METHOD AND SCHEDULE DISCUSSED	Y
I N I T I A L	PRELIMINARY WORK WAS DONE CORRECTLY	Y
	SAMPLE HAS BEEN PREPARED/APPROVED	Y
	WORKMANSHIP IS SATISFACTORY	Y
	TEST RESULTS ARE ACCEPTABLE	Y
	WORK IS IN COMPLIANCE WITH THE CONTRACT	Y
F O L L O W  U P	WORK COMPLIES WITH CONTRACT AS APPROVED IN INITIAL PHASE	N/A
	COMPLETION INSPECTION	N/A
REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)
N/A		N/A
REMARKS:		
<p>On behalf of the contractor, I certify that this report is complete and correct and equipment and materials used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.</p>		
GOVERNMENT QUALITY ASSURANCE REPORT		AUTHORIZED QC MANAGER AT SITE <u>[Signature]</u> DATE <u>6-18-08</u>
QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT		
GOVERNMENT QUALITY CONTROL MANAGER		DATE

Access Area 2 Stream Removal T-1 west of walking bridge and flood plain Removal C for personnel see sheet 1

Access Area 2 Stream Removal T-1 west of walking bridge, Flood plain Removal C

N/A

**FIGURE 7 - CONTRACTOR PRODUCTION REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 2

DATE 8-19-08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

TITLE AND LOCATION  
OUI, TRIBUTARY 2 REMEDIAL ACTION

F. Grayka

REPORT NO.  
9

CONTRACTOR: Rhea Engineers and Consultants, Inc.

SUPERINTENDENT Brad McCatta of Rhea

AM WEATHER  
70° Sunny

PM WEATHER

MAX TEMP 70

F

MIN TEMP

F

**WORK PERFORMED TODAY**

WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
<u>Streambed Removal T-1, Access Area 2, Flood Plain</u>	<u>RHEA</u>	<u>1</u>	<u>Geologist</u>	<u>8.0</u>
<u>Removal c</u>	<u>MEC</u>	<u>1</u>	<u>operator</u>	<u>8.0</u>
	<u>MEC</u>	<u>1</u>	<u>Laborer</u>	<u>8.0</u>



WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES, attach a copy of the meeting minutes)  YES  NO  
 WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES, attach a copy of the OSHA Report)  YES  NO  
 WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? (If YES, attach a statement or checklist showing inspection performed)  YES  NO  
 WAS HAZARDOUS MATERIAL/WASTE RELEASED IN TO THE ENVIRONMENT? (If YES, attach description of incident and proposed action)  YES  NO

TOTAL WORK HOURS ON JOB SITE THIS DATE 24.0  
 CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT 237.5  
 TOTAL WORK HOURS FROM START OF CONSTRUCTION 263.5

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTION CONDUCTED

Safety topic Flora + fauna, chemicals, Equipment

Yes

SAFETY REQUIREMENTS HAVE BEEN MET

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

3 Tandem Trucks of #2 Stone  
1 24" diameter x 20' Pipe

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY

1 Excavator - MEC - 8 hrs      1 4" pump - MEC - 0.5  
1 Extendable Forklift - MEC - 8 hrs      2 Articulating Dumptrucks - 0 hrs  
1 6" pump - MEC - 0 hrs      1 Backhoe - MEC - 4 hrs

REMARKS

1) Extendable Fork lift broke down in middle of Access Area #2  
Preventing any work from being completed.  
 2) Dumptruck, backhoe, and pumps could not be used due to Forklift breakdown

[Signature]  
CONTRACTOR'S SUPERINTENDENT

8-19-08  
DATE

Janel Olson 757 617 0987

**FIGURE 8 - CONTRACTOR QUALITY CONTROL REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 2 of 2

DATE 6-19-08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

CONTRACTOR  
Rhea Engineers and Consultants, Inc.

PHASE	Y - YES, N - NO, SEE REMARKS BLANK - NOT APPLICABLE	IDENTIFY DEFINABLE FEATURES OF WORK, LOCATION, AND LIST PERSONNEL PRESENT
P R E P A R A T O R Y	THE PLANS AND SPECS HAVE BEEN REVIEWED	Y
	THE SUBMITTALS HAVE BEEN APPROVED	N/A
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	Y
	MATERIALS STORED PROPERLY	Y
	TESTING PLAN HAS BEEN REVIEWED	Y
	WORK METHOD AND SCHEDULE DISCUSSED	Y
I N I T I A L	PRELIMINARY WORK WAS DONE CORRECTLY	Y
	SAMPLE HAS BEEN PREPARED/APPROVED	Y
	WORKMANSHIP IS SATISFACTORY	Y
	TEST RESULTS ARE ACCEPTABLE	Y
	WORK IS IN COMPLIANCE WITH THE CONTRACT	Y
F O L L O W U P	WORK COMPLIES WITH CONTRACT AS APPROVED IN INITIAL PHASE	N/A
	COMPLETION INSPECTION	N/A
REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)
N/A		N/A
REMARKS:		
<p>On behalf of the contractor, I certify that this report is complete and correct and equipment and materials used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.</p>		
GOVERNMENT QUALITY ASSURANCE REPORT		DATE
QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT		DATE
GOVERNMENT QUALITY CONTROL MANAGER		DATE

Stream Removal T1, Floodplain C, Access Area 2  
For personnel see sheet 1

Streambed Removal T1, Floodplain C, Access Area 2

N/A

N/A

N/A

*[Signature]*  
AUTHORIZED QC MANAGER AT SITE

6-19-08  
DATE

**FIGURE 7 - CONTRACTOR PRODUCTION REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 2

DATE 6-20-08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

TITLE AND LOCATION  
OUI, TRIBUTARY 2 REMEDIAL ACTION

T. G. Zylka

REPORT NO.  
10

CONTRACTOR: Rhea Engineers and Consultants, Inc.

SUPERINTENDENT Brad McCalla of Rhea

AM WEATHER  
☀️ Cool & Sunny

PM WEATHER

MAX TEMP  
70

F

MIN TEMP

F

**WORK PERFORMED TODAY**

WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
<u>Access Area 2, Flood plain Removal <del>EC</del>, Stream</u>	<u>Rhea</u>	<u>1</u>		<u>8</u>
<u>Removal TI</u>	<u>MEC</u>	<u>1</u>		<u>8</u>
	<u>MEC</u>	<u>1</u>		<u>8</u>



WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES, attach a copy of the meeting minutes)  YES  NO  
 WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES, attach a copy of the OSHA Report)  YES  NO  
 WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? (If YES, attach a statement or checklist showing inspection performed)  YES  NO  
 WAS HAZARDOUS MATERIAL/WASTE RELEASED IN TO THE ENVIRONMENT? (If YES, attach description of incident and proposed action)  YES  NO

TOTAL WORK HOURS ON JOB SITE THIS DATE 24  
 CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT 263.5  
 TOTAL WORK HOURS FROM START OF CONSTRUCTION 287.5

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTION CONDUCTED  
Safety Topic, Flora + Fauna, Equipment, Chemicals

Yes SAFETY REQUIREMENTS HAVE BEEN MET

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY

1) Excavator - MEC - hrs	4) 1 4" Pump - MEC - 0 hrs
2) Extendable Forklift - MEC - hrs	5) 1 6" pump - MEC - hrs
3) 2 Articulating Dump Trucks - MEC - hrs	6) 1 Backhoe - MEC - hrs

REMARKS  
Extendable forklift ~~broken~~ broken down until 10:30 hrs.  
NO Excavations today

T. G. Zylka  
CONTRACTOR'S SUPERINTENDENT

6-20-08  
DATE

**FIGURE 8 - CONTRACTOR QUALITY CONTROL REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

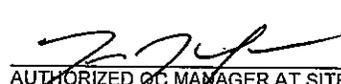
SHEET 2 of 2

DATE 6-20-08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

CONTRACTOR  
Rhea Engineers and Consultants, Inc.

PHASE	Y - YES, N - NO, SEE REMARKS BLANK - NOT APPLICABLE	IDENTIFY DEFINABLE FEATURES OF WORK, LOCATION, AND LIST PERSONNEL PRESENT	
P R E P A R A T O R Y	THE PLANS AND SPECS HAVE BEEN REVIEWED	Y	Stream bed removal T-1, Flood plain removal C, Access Area 2  For personnel see sheet 1
	THE SUBMITTALS HAVE BEEN APPROVED	N/A	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	Y	
	MATERIALS STORED PROPERLY	Y	
	TESTING PLAN HAS BEEN REVIEWED	Y	
	WORK METHOD AND SCHEDULE DISCUSSED	Y	
I N I T I A L	PRELIMINARY WORK WAS DONE CORRECTLY	Y	Stream Removal T-1, Flood Plain C Access Area 2
	SAMPLE HAS BEEN PREPARED/APPROVED	Y	
	WORKMANSHIP IS SATISFACTORY	Y	
	TEST RESULTS ARE ACCEPTABLE	Y	
	WORK IS IN COMPLIANCE WITH THE CONTRACT	Y	
F O L L O W U P	WORK COMPLIES WITH CONTRACT AS APPROVED IN INITIAL PHASE	N/A	N/A
	COMPLETION INSPECTION	N/A	
REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
N/A		N/A	
REMARKS:			
<p><small>On behalf of the contractor, I certify that this report is complete and correct and equipment and materials used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.</small></p>			
GOVERNMENT QUALITY ASSURANCE REPORT			 AUTHORIZED QC MANAGER AT SITE DATE <u>6-20-08</u>
QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT			
GOVERNMENT QUALITY CONTROL MANAGER			DATE

**FIGURE 7 - CONTRACTOR PRODUCTION REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 2 DATE 6/23/08

CONTRACT NO. N40085-07-D-1905 TASK ORDER NO. 0006 TITLE AND LOCATION OUI, TRIBUTARY 2 REMEDIAL ACTION REPORT NO. 11

CONTRACTOR: Rhea Engineers and Consultants, Inc. SUPERINTENDENT Brad McCalla of Rhea  
 AM WEATHER early AM storm (~05:00) mid 70s to 80s PM WEATHER 80s and humid MAX TEMP ~85 F MIN TEMP ~75 F

**WORK PERFORMED TODAY**

WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
<u>Floodplain C: Repair Access Rd / Install E+S Controls</u>	<u>MEC</u>	<u>1</u>	<u>OPER.</u>	<u>10</u>
<u>^ 07:00 - 09:00</u>	<u>MEC</u>	<u>1</u>	<u>TECH</u>	<u>10</u>
<u>Floodplain C excavation</u>				
<u>^ 09:00 - 10:30</u>				
<u>Build addtl staging area</u>	<u>Rhea</u>	<u>1</u>	<u>ENGR</u>	<u>11</u>
<u>^ 10:30 - 12:00</u>			<u>(oversight)</u>	
<u>lunch break 12:00 - 12:30</u>				
<u>Floodplain C excavation</u>				
<u>^ 12:30 - 15:00</u>				
<u>Site Housekeeping</u>				
<u>~ 15:00 - 16:00</u>				



WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES, attach a copy of the meeting minutes)  YES  NO  
 WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES, attach a copy of the OSHA Report)  YES  NO  
 WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? (If YES, attach a statement or checklist showing inspection performed)  YES  NO  
 WAS HAZARDOUS MATERIAL/WASTE RELEASED IN TO THE ENVIRONMENT? (If YES, attach description of incident and proposed action)  YES  NO

TOTAL WORK HOURS ON JOB SITE THIS DATE 31.0  
 CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT 287.5  
 TOTAL WORK HOURS FROM START OF CONSTRUCTION 318.5

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTION CONDUCTED  
• made sure MEC operators wearing seat belts  YES SAFETY REQUIREMENTS HAVE BEEN MET

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB  
No Deliveries  
Purchased - 2 rolls of 6 mil poly

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY  
Kobelco sk 210 (8 HRS) Articulating Dump (5 HRS) 6-inch pump (0 HRS)  
Case backhoe (2 HRS) Forklift (1 HR)

REMARKS  
 • Day 1 off Floodplain C Removal (~75% complete), est. <sup>80</sup> 90 cy excavated  
 • BAM off-site ~10:30 - ~11:30 picking up poly  
 • DISPOSAL sample T2-DISPOSAL-S-1 collected @ 15:45 by BAM for 1st 200 cy of matl. (BAM delivered to FedEx drop at ~16:30) - (2 day JAT request)  
 • call to Lucas NORRIS of Republic - discuss profile, manifests (LN to send to MEC trailer), + stabilization (LN suggests using m-base wood chips)  
 • call to Jean Smith (JS-Accutest) - BAM ? if Rhea can send disposal sample in 6 baggies for Accutest  
 • composite, JS ok w/ Accutest compositing sample matl in lab (MCAS protocol for lab to composite samples)

Brad McCalla  
 CONTRACTOR'S SUPERINTENDENT DATE 6/23/08

**FIGURE 8 - CONTRACTOR QUALITY CONTROL REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 2 of 2

DATE 6/23/08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

CONTRACTOR

C Rhea Engineers and Consultants, Inc.

PHASE	Y - YES, N - NO, SEE REMARKS BLANK - NOT APPLICABLE	IDENTIFY DEFINABLE FEATURES OF WORK, LOCATION, AND LIST PERSONNEL PRESENT
P R E P A R A T O R Y	THE PLANS AND SPECS HAVE BEEN REVIEWED	YES
	THE SUBMITTALS HAVE BEEN APPROVED	-
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	-
	MATERIALS STORED PROPERLY	YES
	TESTING PLAN HAS BEEN REVIEWED	-
	WORK METHOD AND SCHEDULE DISCUSSED	YES
<p><b>Flood PLAIN SOIL EXCAVATION</b> Rhea (BAM), MEC (MS and SK)</p> <p>PREP meeting b/w Rhea (BAM) and MEC (operator - Matt Suda - MS) and Stepan (Kuzekian (MEC tech) prior to beginning Floodplain C exc - Excavation limits discussed (both horizontal + vertical) + MEC crew aware of limits</p> <p>BAM informs MEC that matt handling critical to conducting good work + that any spillage must be cleaned up immediately + that staging area to be routinely cleaned (i.e., trash picked up, work space neat, etc.). MEC personnel acknowledge</p>		
I N I T I A L	PRELIMINARY WORK WAS DONE CORRECTLY	YES
	SAMPLE HAS BEEN PREPARED/APPROVED	-
	WORKMANSHIP IS SATISFACTORY	YES
	TEST RESULTS ARE ACCEPTABLE	-
	WORK IS IN COMPLIANCE WITH THE CONTRACT	YES
<p>BAM cks excavation depths using marked rod + MEC meeting required depths.</p> <p>BAM works w/ MEC to ensure exc. limits are achieved. Work is satisfactory.</p> <p>BAM photographs MEC tech verifying exc. depths at various times throughout day</p>		
F O L L O W  U P	WORK COMPLIES WITH CONTRACT AS APPROVED IN INITIAL PHASE	
	COMPLETION INSPECTION	
<p>TESTING PERFORMED AND WHO PERFORMED TEST</p> <p>BAM overseeing excavation to ensure to vert. + horiz. limits</p>		
<p>REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)</p> <p>(non-impacted)</p>		
<p>REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)</p>		
<p>REMARKS: BAM observes that mud from access path b/w staging area #1 and Floodplain C carried on truck tires onto staging area #1 asphalt. BAM informs MEC personnel to scrape up matt. + put in staging cell. BAM suggests that addtl. mats be used where access path to Floodplain C muddy + MEC place addtl. mats. Issue appears to have been corrected.</p>		
<p>On behalf of the contractor, I certify that this report is complete and correct and equipment and materials used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.</p>		<p><u>Fred A. M. Gallo</u> AUTHORIZED QC MANAGER AT SITE</p>
<p>GOVERNMENT QUALITY ASSURANCE REPORT</p>		<p>DATE <u>6/23/08</u></p>
<p>QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT</p>		
<p>GOVERNMENT QUALITY CONTROL MANAGER</p>		<p>DATE</p>

**FIGURE 7 - CONTRACTOR PRODUCTION REPORT**

(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 21 DATE 6/24/08

CONTRACT NO. N40085-07-D-1905 TASK ORDER NO. 0006 TITLE AND LOCATION OUI, TRIBUTARY 2 REMEDIAL ACTION REPORT NO. 012

CONTRACTOR: Rhea Engineers and Consultants, Inc. SUPERINTENDENT Brad McCalla of Rhea

AM WEATHER 70s to 80s PM WEATHER High 80s / low 90s MAX TEMP ~92 F MIN TEMP ~70 F

**WORK PERFORMED TODAY**

WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
~06:00 - 7:00 Office work	MEC	1	OPER	10
~07:00 - 10:00 Uncover stockpiles, vac truck pumping off pot. contaminated water from stockpiles, exc. Floodplain C	MEC	1	OPER (vac truck)	2
10-10:30 Construct addtl. staging area				
10:30 - 11:30 Floodplain C excavation	Rhea	1	ENGR (oversight)	10
11:30 - 12:00 lunch				
12:00 - 1:30 Soil mixing to create addtl soil staging area + to dry out mat.				
1:30 - 1:50 Floodplain C excavation - exc + truck (EXCAVATION COMPLETE)				
1:50 - 1:53 covering stockpiles w/ poly.				



WAS A JOB SAFETY MEETING HELD THIS DATE?  YES  NO  
 (If YES, attach a copy of the meeting minutes)

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?  YES  NO  
 (If YES, attach a copy of the OSHA Report)

WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE?  YES  NO  
 (If YES, attach a statement or checklist showing inspection performed)

WAS HAZARDOUS MATERIAL/WASTE RELEASED IN TO THE ENVIRONMENT?  YES  NO  
 (If YES, attach description of incident and proposed action)

TOTAL WORK HOURS ON JOB SITE THIS DATE: 22.0  
 CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT: 308.5  
 TOTAL WORK HOURS FROM START OF CONSTRUCTION: 330.5

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTION CONDUCTED  SAFETY REQUIREMENTS HAVE BEEN MET

BOOT WASH set up - DEcon of BOOTS discussed w/ MEC  
 Safety meeting this AM - handling potentially contaminated water; slips, trips, + falls while working on wet poly; etc.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB  
 No Mats rec'd - placed order for 2 loads concrete sand + 2 loads #5 stone for 6/25/08

15 Mats from Ciesko on site

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY

- 1 Case Backhoe 1-2 HRS Soil mixing
- 2 IR FORKLIFT 1HR MISC
- 3 Excavator 3 HRS @ Floodplain C
- 4 Articulating Dump (JCB) 3 HRS @ Floodplain C
- 5 VAC TRUCK 2 HRS
- 6 6 inch pump 1 HR

REMARKS (MEC tech)  
 • Stepan K not on-site  
 • 3800 gallons water pumped from soil staging cells + excavation - MEC to hold until CHIT rec'd from EAD  
 • ELSD informs Bton that EAD to provide chit for disposal - TRUMP - possibly on 6/25/08  
 • SIGN in log for visitors placed at entrance to staging  
 • Floodplain C Excavation Completed

Note: Floodplain C filled w/ H2O after 6/23/08 rains; water handled as potentially contaminated + removed w/ VAC truck

Brad McCalla SUPERINTENDENT 6/24/08

• Accutest labs rec'd DISPOSAL sample T2-DISPOSAL as per J-Smith (Accutest PM)  
 ~70% excavated at Floodplain C - 100% complete

**FIGURE 8 - CONTRACTOR QUALITY CONTROL REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 2 DATE 6/24/08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

CONTRACTOR  
Rhea Engineers and Consultants, Inc.

PHASE	Y - YES, N - NO, SEE REMARKS BLANK - NOT APPLICABLE	IDENTIFY DEFINABLE FEATURES OF WORK, LOCATION, AND LIST PERSONNEL PRESENT <b>FLOODPLAIN C EXC. - BRAD McALLA (BAM - Rhea) MATT SNIDER (MS - MEC Oper)</b>
P	THE PLANS AND SPECS HAVE BEEN REVIEWED	
R	THE SUBMITTALS HAVE BEEN APPROVED	
P	MATERIALS COMPLY WITH APPROVED SUBMITTALS	
A	MATERIALS STORED PROPERLY	
R	TESTING PLAN HAS BEEN REVIEWED	
A	WORK METHOD AND SCHEDULE DISCUSSED	

I N I T I A L	PRELIMINARY WORK WAS DONE CORRECTLY	Yes	BAM oversees completion of exc. @ Floodplain C + verifies horizontal + vertical extents of exc w/ marked ROD (vert) + by taping off (horizontal) + using survey exc. limits EXC 100% complete @ Floodplain C BAM approves exc. for backfill (See Construction Drawg SA - Final WORK PLAN)	TESTING PERFORMED AND WHO PERFORMED TEST
	SAMPLE HAS BEEN PREPARED/APPROVED	—		
	WORKMANSHIP IS SATISFACTORY	Yes		
	TEST RESULTS ARE ACCEPTABLE	Yes		
	WORK IS IN COMPLIANCE WITH THE CONTRACT	Yes		

F O L L O W  U P	WORK COMPLIES WITH CONTRACT AS APPROVED IN INITIAL PHASE		TESTING PERFORMED AND WHO PERFORMED TEST
	COMPLETION INSPECTION		

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)  
 SPILLAGE outside berm @ staging area - BAM informs MEC + MEC cleans up spillage + places on stockpile  
 → ITEM corrected

REMARKS: Stockpiles covered at end of workday - currently 3 stockpiles on site @ staging Area 1 (awaiting results of disposal sampling + completion of profile)

On behalf of the contractor, I certify that this report is complete and correct and equipment and materials used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Brad A McAlla AUTHORIZED QC MANAGER AT SITE DATE 6/24/08

GOVERNMENT QUALITY ASSURANCE REPORT DATE

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

GOVERNMENT QUALITY CONTROL MANAGER DATE

**FIGURE 7 - CONTRACTOR PRODUCTION REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 2 DATE 6/25/08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

TITLE AND LOCATION  
OUI, TRIBUTARY 2 REMEDIAL ACTION

REPORT NO.  
013

CONTRACTOR: Rhea Engineers and Consultants, Inc.

SUPERINTENDENT Brad McCalla of Rhea

AM WEATHER  
FOG, 70 - upper 80s

PM WEATHER  
upper 80s / low 90s

MAX TEMP  
~92

MIN TEMP  
70

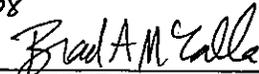
**WORK PERFORMED TODAY**

WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
~06:00 Office	MEC	1	OPER	10
~06:30 Site safety meeting / DECON activities / uncover stockpiles	MEC	1	TECH/OPER	10
~07:00 - Floodplain C exc - Kobelco Exc. / Dump TRUCK / FEL				
12:00 backfill				
12:00 lunch break				
12:45 Resume backfill in Floodplain C	Rhea	1	ENGR	10
~13:00 - 15:30 B/F Floodplain C w/ topsoil				
~15:30 - 16:00 } Cover ext. waste stockpiles } Cover remainder of topsoil } site housekeeping				

<p><b>JOB SAFETY</b></p> <p>WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES, attach a copy of the meeting minutes) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES, attach a copy of the OSHA Report) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p> <p>WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? (If YES, attach a statement or checklist showing inspection performed) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p> <p>WAS HAZARDOUS MATERIAL/WASTE RELEASED IN TO THE ENVIRONMENT? (If YES, attach description of incident and proposed action) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>	<p>TOTAL WORK HOURS ON JOB SITE THIS DATE <b>30.0</b></p> <p>CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT <b>390.5</b></p> <p>TOTAL WORK HOURS FROM START OF CONSTRUCTION <b>370.5</b> <b>360.5</b></p>	
	<p>LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTION CONDUCTED</p> <p>BAM making sure hard hats worn during Removal Action, also doing to make sure seat belts worn in equipment</p> <p>BAM making sure no eating or smoking in exclusion zone</p>	<p>SAFETY REQUIREMENTS HAVE BEEN MET <input checked="" type="checkbox"/></p>
	<p>EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB</p> <p>TOPSOIL <del>1111</del> 5 loads est 12 cy/truck <b>(50 cy)</b></p> <p>#5 stone 2 loads 29.86 TONS</p> <p>Sand 2 loads 36.53 TONS</p> <p>BAM purchase: ① 3 Rolls Poly ② Erosion matting for temp. stabilization of Floodplain C - 3 rolls</p>	
	<p>CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY</p> <p>Kobelco Exc (sk 210) <b>(7.5 HRS)</b> Backhoe <b>(2 HRS)</b> 6-inch pump <b>(0 HRS)</b></p> <p>Articulating Dump (1) <b>(5.5 HRS)</b> IR Furlcliff <b>(0 HRS)</b> Mats 15 on Rental 10'W x 14'L</p>	

REMARKS

- indicated mats cost ~ \$200 to make (per mat)
- ~08:00 Martin Wieszko on site - BAM orders 7 loads topsoil for 6/25 + 10 mat for Monday
- ~08:45 Dan Sabbe - Styron - onsite Sand/#5 deliveries
- ~09:00 speak w/ J. Christoph - MCAS EAD - CHIT for IWTP complete, updated on disposal + profile
- talk to Dixie Chemical - load of lime scheduled for 6/30/08
- talk to Accutest - disposal sample t2 - DISPOSAL - S-1 to be complete by Cob on 6/27/08 per Jean Smith

  
 CONTRACTOR'S SUPERINTENDENT  
 DATE 6/25/08

(JS-Accutest PM)

**FIGURE 7 - CONTRACTOR PRODUCTION REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 2 of 2

DATE 6/25/08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

TITLE AND LOCATION  
OUI, TRIBUTARY 2 REMEDIAL ACTION

REPORT NO.  
013

CONTRACTOR: Rhea Engineers and Consultants, Inc.

SUPERINTENDENT

Brad McCanna of Rhea

AM WEATHER See Pg 1

PM WEATHER See Pg 1

MAX TEMP

F

MIN TEMP

F

**WORK PERFORMED TODAY**

WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
<u>SEE sheet 1 of 2 6/25/08</u>				



WAS A JOB SAFETY MEETING HELD THIS DATE?  
(If YES, attach a copy of the meeting minutes)

YES

NO

TOTAL WORK HOURS ON  
JOB SITE THIS DATE

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?  
(If YES, attach a copy of the OSHA Report)

YES

NO

CUMULATIVE TOTAL OF  
WORK HOURS FROM  
PREVIOUS REPORT

WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE?  
(If YES, attach a statement or checklist showing inspection performed)

YES

NO

TOTAL WORK  
HOURS FROM START  
OF CONSTRUCTION

WAS HAZARDOUS MATERIAL/WASTE RELEASED IN TO THE ENVIRONMENT?  
(If YES, attach description of incident and proposed action)

YES

NO

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTION CONDUCTED

SAFETY REQUIREMENTS  
HAVE BEEN MET

See sheet 1 of 2

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

See sheet 1 of 2

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY

See sheet 1 of 2

REMARKS

13:00 J. Christopher (JC-EAD) on site w/ CHITS for IWTP, BAM updates on site progress - currently b/f Floodplain C. BAM to forward JC copy of manifest + profile hopefully by end of week.

14:45 2 persons viewing walking bridge

→ JC did not indicate any issues w/ site work 6/25/08

BAM informs JC that Rhea's hope to move soil to off next week

Day #1 of Backfill @ FLOODPLAIN C

~80% complete  
(est.)

Brad A. McCanna  
CONTRACTOR'S SUPERINTENDENT

6/25/08  
DATE

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**FIGURE 8 - CONTRACTOR QUALITY CONTROL REPORT**

(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 1 DATE 6/25/08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

CONTRACTOR  
Rhea Engineers and Consultants, Inc.

P R E P A R A T O R Y	Y - YES, N - NO, SEE REMARKS BLANK - NOT APPLICABLE		IDENTIFY DEFINABLE FEATURES OF WORK, LOCATION, AND LIST PERSONNEL PRESENT <u>FLOODPLAIN C BACKFILL - Plan - BRAD McALLA (BAM)</u> <u>Math Snider - MEC - (MS)</u> <u>James Salig - MEC (JS)</u> • BAM meets w/ MEC + goes over backfilling requirements (#5 stone to which 1' of pre-exc surface than topsoil) • Project Drawing 5A and Project Drawing 6 (backfill details removed) • BAM informs that specs to compact soil to non-movement (where practical)
	THE PLANS AND SPECS HAVE BEEN REVIEWED	Yes	
	THE SUBMITTALS HAVE BEEN APPROVED	Yes	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	Yes (w/ topsoil waiver)	
	MATERIALS STORED PROPERLY	Yes	
	TESTING PLAN HAS BEEN REVIEWED	Yes	
	WORK METHOD AND SCHEDULE DISCUSSED	Yes	

I N I T I A L	PRELIMINARY WORK WAS DONE CORRECTLY	Yes	BAM observes backfilling procedures - makes sure min 1-foot topsoil placed over #5 stone, also observes compaction via exc. bucket	TESTING PERFORMED AND WHO PERFORMED TEST
	SAMPLE HAS BEEN PREPARED/APPROVED			Verification of topsoil placement w/ marked rod
	WORKMANSHIP IS SATISFACTORY	Yes		
	TEST RESULTS ARE ACCEPTABLE			
	WORK IS IN COMPLIANCE WITH THE CONTRACT	Yes		

F O L L O W U P	WORK COMPLIES WITH CONTRACT AS APPROVED IN INITIAL PHASE		TESTING PERFORMED AND WHO PERFORMED TEST
	COMPLETION INSPECTION		

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

On behalf of the contractor, I certify that this report is complete and correct and equipment and materials used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Brad McAlla AUTHORIZED QC MANAGER AT SITE DATE 6/25/08

GOVERNMENT QUALITY ASSURANCE REPORT DATE

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

GOVERNMENT QUALITY CONTROL MANAGER DATE

**FIGURE 7 - CONTRACTOR PRODUCTION REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 1 DATE 6/26/08  
REPORT NO. 014

CONTRACT NO. N40085-07-D-1905 TASK ORDER NO. 0006 TITLE AND LOCATION OUI, TRIBUTARY 2 REMEDIAL ACTION

CONTRACTOR: Rhea Engineers and Consultants, Inc. SUPERINTENDENT Brad McCalla of Rhea

AM WEATHER 70° to upper 80s PM WEATHER upper 80s - HUMID MAX TEMP 89 F MIN TEMP 70 F

**WORK PERFORMED TODAY**

WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
<u>06:00-06:30 OFFICE</u>	<u>MEC</u>	<u>1</u>	<u>OPER</u>	<u>10</u>
<u>06:30-09:30 B/F of Floodplain C</u>	<u>MEC</u>	<u>1</u>	<u>OPER/TECH</u>	<u>10</u>
<u>9:30-11:00 removal of culvert pipe crossing straw Floodplain C (Temporary Stabilization)</u>				
<u>11:00-12:00 BAm meets w/ Dave Englehard from scale house, Jeff Christopher (MCAS EAD) to drop off copy of manifest</u>				
<u>13:00 BAm collects clean fill sample T2 - TOPSOIL - S-2</u>	<u>RHEA</u>	<u>1</u>	<u>ENGR</u>	<u>8.5</u>
<u>13:30 BAm back to site, MEC crew preparing sand bags</u>				
<u>14:00 BAm to MEC trailer 14:30 BAm leaves site for day</u>				

	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES, attach a copy of the meeting minutes)	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	TOTAL WORK HOURS ON JOB SITE THIS DATE	<u>28.5</u>
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES, attach a copy of the OSHA Report)	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	<u>370.5</u> <u>360.5</u>
	WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? (If YES, attach a statement or checklist showing inspection performed)	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION	<u>399.0</u> <u>389.0</u>
	WAS HAZARDOUS MATERIAL/WASTE RELEASED IN TO THE ENVIRONMENT? (If YES, attach description of incident and proposed action)	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO		

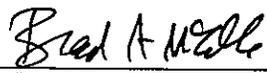
LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTION CONDUCTED YES SAFETY REQUIREMENTS HAVE BEEN MET

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB  
TOPSOIL 1 load rec'd ~ 15 cy

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY  
Kobako Exc (Sk210) ~ 6.0 HRS Backhoe ~ 2.0 HRS 6-mch pump 10 HRS  
Articulating Dump ~ 3.0 HRS TR FORKLIFT ~ 2.0 HRS Mats 15 on Rental 10'W x 14'L

REMARKS

- set up PM work (after 17:00) for next Tuesday to move barricades w/ Rob Finlay (MEC)
- RF to switch out backhoe for FEL, RF to provide BAm w/ crew on 7/3/08
- rec'd manifests at MEC office for waste disposal
- EAD on site looking at walking bridge project - signed in visitor log
- ~ 13:30 BAm meets w/ MEC crew + informs to continue to make up sand bags for 6/30/08 straw removal work + place mats + cover ~~prepare~~ exc-mat stockpiles prior to leaving site

  
 CONTRACTOR'S SUPERINTENDENT 6/26/08  
 DATE

**FIGURE 8 - CONTRACTOR QUALITY CONTROL REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 1 DATE 6/26/08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

CONTRACTOR  
Rhea Engineers and Consultants, Inc.

PHASE	Y - YES, N - NO, SEE REMARKS BLANK - NOT APPLICABLE	
P	THE PLANS AND SPECS HAVE BEEN REVIEWED	
R	THE SUBMITTALS HAVE BEEN APPROVED	
P	MATERIALS COMPLY WITH APPROVED SUBMITTALS	
A	MATERIALS STORED PROPERLY	
R	TESTING PLAN HAS BEEN REVIEWED	
A	WORK METHOD AND SCHEDULE DISCUSSED	

IDENTIFY DEFINABLE FEATURES OF WORK, LOCATION, AND LIST PERSONNEL PRESENT  
FLOODPLAIN C BACKFILL Rhea - BMM (BRAD MCCALLA)

I N I T I A L	PRELIMINARY WORK WAS DONE CORRECTLY	<u>YES</u>
	SAMPLE HAS BEEN PREPARED/APPROVED	
	WORKMANSHIP IS SATISFACTORY	<u>YES</u>
	TEST RESULTS ARE ACCEPTABLE ( <u>1st 200 y topsoil</u> )	<u>YES</u>
	WORK IS IN COMPLIANCE WITH THE CONTRACT	<u>YES</u>

BACKFILLING/COMPACTION @ FPC

TESTING PERFORMED AND WHO PERFORMED TEST

Straw + matting placed at Floodplain C for temp. stabilization

BMM observes MEC tracking over topsoil to compact

F O L L O W  U P	WORK COMPLIES WITH CONTRACT AS APPROVED IN INITIAL PHASE	
	COMPLETION INSPECTION	

TESTING PERFORMED AND WHO PERFORMED TEST

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

NOTE: TOPSOIL B/F sample collected at Cieszelko Pit (T2-TOPSOIL-S-2)  
THIS IS 2nd sample collected - for 200 cy mat.

On behalf of the contractor, I certify that this report is complete and correct and equipment and materials used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Brad A. Wells 6/26/08  
AUTHORIZED QC MANAGER AT SITE DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY CONTROL MANAGER

DATE

**FIGURE 7 - CONTRACTOR PRODUCTION REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 1 DATE 6/30/08  
REPORT NO. 015

CONTRACT NO. N40085-07-D-1905 TASK ORDER NO. 0006 TITLE AND LOCATION OUI, TRIBUTARY 2 REMEDIAL ACTION

CONTRACTOR: Rhēa Engineers and Consultants, Inc. SUPERINTENDENT Brad McCalla of Rhēa  
AM WEATHER 70° PM WEATHER 80S MAX TEMP. ~85° F MIN TEMP. ~70° F

**WORK PERFORMED TODAY**

WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
~06:30 Stream Removal Section T1	MEC	1	OPER	10
~07:00 Unload mats - forklift	MEC	1	TECH	10
~08:00 start pump - sampling upstream end				
~09:00 meet w/ trucker @ front gate - lime delivery				
~10:00 exc T1 begins, ends @ ~10:30				
~11:30-12:30 BAm leaves, buys 2 inch pump at ACE	RHEA	1	ENGR	10
~12:30-200 PREP for excavation				
~200-330 exc continues				
330-400 cover stockpiles				



WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES, attach a copy of the meeting minutes)  YES  NO  
 WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES, attach a copy of the OSHA Report)  YES  NO  
 WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? (If YES, attach a statement or checklist showing inspection performed)  YES  NO  
 WAS HAZARDOUS MATERIAL/WASTE RELEASED IN TO THE ENVIRONMENT? (If YES, attach description of incident and proposed action)  YES  NO

TOTAL WORK HOURS ON JOB SHEET THIS DATE 30.0  
 CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT 399  
 TOTAL WORK HOURS FROM START OF CONSTRUCTION 429

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTION CONDUCTED  
 Checked to make sure equipment has fire extinguishers  
 YES SAFETY REQUIREMENTS HAVE BEEN MET  
 OK ✓

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB  
 • Mats from Gieszko - 9 mats today, 25 TO DATE  
 • load of lime rec'd (dumped @ staging area 2) - 24.25 TONS

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY  
 JCB Articulating Pump Truck 3 HRS Labels Excavator 3 HRS 6-inch pump  
 Case 621 D FEL - 1st day on hand (replaced Buckhoe) 1 HR IR Forklift 1 HR Mats ~25 from Gieszko

REMARKS:  
 • map 1/3 bucket lime w/ exc. sediments from T1, mix w/ exc. in truck bed, then dump (one) load  
 • Total of 3 truckloads of exc. sediment transported to staging area cell  
 • Excavated ~50' linear ft b/w walking bridge 2 + T1-3 (see Drawing SA) to 18" depth (approx. 15 cu excavated on 6/30/08)  
 • BAm meets w/ Martin Gieszko (Gieszko Const President) Brad McCalla 6/30/08  
 CONTRACTOR'S SUPERINTENDENT DATE

about purchasing mats. Gieszko agrees to sell Rhēa mats. Cost per mat to Martin is ~\$210/mat.

**FIGURE 8 - CONTRACTOR QUALITY CONTROL REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 1

DATE 6/30/08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

CONTRACTOR  
Rhea Engineers and Consultants, Inc.

PHASE	Y - YES, N- NO, SEE REMARKS BLANK - NOT APPLICABLE	IDENTIFY DEFINABLE FEATURES OF WORK, LOCATION, AND LIST PERSONNEL PRESENT <i>Stream Removal T1 Excavation</i>
P	THE PLANS AND SPECS HAVE BEEN REVIEWED	
R	THE SUBMITTALS HAVE BEEN APPROVED	
P	MATERIALS COMPLY WITH APPROVED SUBMITTALS	
R	MATERIALS STORED PROPERLY	
T	TESTING PLAN HAS BEEN REVIEWED	
O	WORK METHOD AND SCHEDULE DISCUSSED	
Y		

I N I T I A L	PRELIMINARY WORK WAS DONE CORRECTLY	<i>yes</i>	TESTING PERFORMED AND WHO PERFORMED TEST  <i>BAM monitored exc. for depth - 18" depth achieved</i>
	SAMPLE HAS BEEN PREPARED/APPROVED		
	WORKMANSHIP IS SATISFACTORY	<i>yes</i>	
	TEST RESULTS ARE ACCEPTABLE		
	WORK IS IN COMPLIANCE WITH THE CONTRACT	<i>yes</i>	

*Streambed removal area b/w walking bridge 2 and Confirmation Pt T1-3 C2*

F O L L O W  U P	WORK COMPLIES WITH CONTRACT AS APPROVED IN INITIAL PHASE		TESTING PERFORMED AND WHO PERFORMED TEST
	COMPLETION INSPECTION		

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)  
*① Sand bag dam leaking*

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)  
*Sand bag dam on upstream end reinstalled to min. water entering exc. area T1 stream removal*

REMARKS:

On behalf of the contractor, I certify that this report is complete and correct and equipment and materials used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

*Brad A McCall*  
AUTHORIZED QC MANAGER AT SITE

6/30/08  
DATE

GOVERNMENT QUALITY ASSURANCE REPORT DATE

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

GOVERNMENT QUALITY CONTROL MANAGER DATE

**FIGURE 7 - CONTRACTOR PRODUCTION REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 1 DATE 7/1/08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

TITLE AND LOCATION  
OUI, TRIBUTARY 2 REMEDIAL ACTION

REPORT NO.  
016

CONTRACTOR: Rhea Engineers and Consultants, Inc.

SUPERINTENDENT Brad McCalla of Rhea

AM WEATHER 74

PM WEATHER 80s

MAX TEMP 86

MIN TEMP 74

**WORK PERFORMED TODAY**

WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
~06:00 meet @ MEC trailer	MEC	1	OPER	10
~06:15 HAS tailgate meeting	MEC	1	TECH	8
~06:30 TRIB 2 exc.				
~07:00 SK off project				
~07:30-08:30 stab exc. soil @ staging cell w/ lime				
~08:30-10:30 exc. @ TRIB 2 - T1 section				
~11:00 BAM/MEC verify exc. depth & b/w Bridge + Corner Pt C1	RHEA	1	ENGR	10
~11:30-12:30 Backfill b/w Bridge and C1 - Stream Removal T1				
~12:30-13:00 cover piles, disconnect hoses from pumps				



WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES, attach a copy of the meeting minutes)  YES  NO

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES, attach a copy of the OSHA Report)  YES  NO

WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? (If YES, attach a statement or checklist showing inspection performed)  YES  NO

WAS HAZARDOUS MATERIAL/WASTE RELEASED IN TO THE ENVIRONMENT? (If YES, attach description of incident and proposed action)  YES  NO

TOTAL WORK HOURS ON JOB SITE THIS DATE 280

CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT 449 429

TOTAL WORK HOURS FROM START OF CONSTRUCTION 447 457

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTION CONDUCTED

Tailgate meeting on hazardous Ploxa / fauna

YES SAFETY REQUIREMENTS HAVE BEEN MET

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

NONE

WORK 06:00 - 13:00  
then 17:00 - 20:00

Rec'd approval from POTEC to work after HRS

Note: WORKING @ 17:00 - 20:00

moving barricades (12) total + moving lime to staging area

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY

JCB Articulating Dump Truck (3 HRS) Kobalco Exc (5 HRS) 6-inch pump ~06:00-12:00 (6 HRS)

Case 621 D FEL (2 HRS) IR Forklift (3 HRS) Mats - 25 (but Rhea to purchase)

TRAILER (3 HRS)

REMARKS

- Complete T1 Exc to Corner Pt C1 (working east to west)
- SK off site (TRIB 2) for 2 HRS ~07:00 - ~09:00
- 6-inch pump running until backfill complete, MEC to move sandbag dam downstream to C1, stream still to be completed from C1 to T1-5

- ~10 cy excavated + transported to staging area
- 220 linear ft removed

Brad A McCalla  
CONTRACTOR'S SUPERINTENDENT DATE 7/1/08

- AREA b/w walking BRIDGE 2 and C1 w/in stream

backfilled w/ clean sand to pre-removal elevations.

- BAM drops off manifests for EAD (Jeff Christopher - JC) for TRIB 2 @ ~15:00

**FIGURE 8 - CONTRACTOR QUALITY CONTROL REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 1 DATE 7/1/08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

CONTRACTOR  
Rhea Engineers and Consultants, Inc.

PHASE	Y - YES, N - NO, SEE REMARKS BLANK - NOT APPLICABLE		IDENTIFY DEFINABLE FEATURES OF WORK, LOCATION, AND LIST PERSONNEL PRESENT <b>TRIS 2 RA - T1 STREAM REMOVAL</b>	
	P	THE PLANS AND SPECS HAVE BEEN REVIEWED		
	R	THE SUBMITTALS HAVE BEEN APPROVED		
	P	MATERIALS COMPLY WITH APPROVED SUBMITTALS		
	A	MATERIALS STORED PROPERLY		
	T	TESTING PLAN HAS BEEN REVIEWED		
	O	WORK METHOD AND SCHEDULE DISCUSSED		

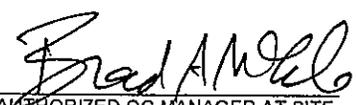
I N I T I A L	PRELIMINARY WORK WAS DONE CORRECTLY	Yes	<p align="center"><b>STREAM REMOVAL AREA T1</b></p> <p align="center">COMPLETE EXC. B/W WORKING C2</p>	TESTING PERFORMED AND WHO PERFORMED TEST
	SAMPLE HAS BEEN PREPARED/APPROVED			BAM - DEPTH
	WORKMANSHIP IS SATISFACTORY	Yes		CKS w/
	TEST RESULTS ARE ACCEPTABLE	Yes		POD - all cks
	WORK IS IN COMPLIANCE WITH THE CONTRACT	Yes		> 2' DEPTH meet req'd depth

F O L L O W U P	WORK COMPLIES WITH CONTRACT AS APPROVED IN INITIAL PHASE		<p align="center">" " verification location</p> <p align="center">Photos taken for verification</p>	TESTING PERFORMED AND WHO PERFORMED TEST
	COMPLETION INSPECTION			

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)	REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)
--	---

REMARKS:  
• BAM informs MEC operator to reconstruct banks during backfill, MEC reconstructs banks of TRIS 2 during Backfill

On behalf of the contractor, I certify that this report is complete and correct and equipment and materials used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

  
 AUTHORIZED QC MANAGER AT SITE DATE 7/1/08

GOVERNMENT QUALITY ASSURANCE REPORT DATE

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

GOVERNMENT QUALITY CONTROL MANAGER DATE

3  
 10 x 15  
 35415 are

**FIGURE 7 - CONTRACTOR PRODUCTION REPORT**

(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 1

DATE 7/2/08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

TITLE AND LOCATION  
OU1, TRIBUTARY 2 REMEDIAL ACTION

REPORT NO.  
017

CONTRACTOR: Rhēa Engineers and Consultants, Inc.

SUPERINTENDENT

Brad McCalla of Rhēa

AM WEATHER

70s to 80s

PM WEATHER

mid to upper 80s, sunny

MAX TEMP

89

F

MIN TEMP

~70

F

**WORK PERFORMED TODAY**

WORK LOCATION AND DESCRIPTION

EMPLOYER

NUMBER

TRADE

HRS

TRIB 2 - T1 STREAM REMOVAL

MEC

1

OPER

10

~06:00 - 1130

Site Prep for T1 stream section

MEC

1

TECH

10

• move 6-inch pump + sand bags  
 downstream, move jersey barriers @ staging  
 area 2, regrade northern stream bank

vac truck - pump  
 pot. contaminated water  
 150 = 400  
 from piles

move truck mats for access to

staging

T1 from T14 to T15

RHEA

1

ENGR

10

1330 - 1600

repair bank

place ECB on Floodplain C + bank

Refuel Equipment



WAS A JOB SAFETY MEETING HELD THIS DATE?  
(If YES, attach a copy of the meeting minutes)

YES

NO

TOTAL WORK HOURS ON  
JOB SITE THIS DATE

30.0  
24.0

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?  
(If YES, attach a copy of the OSHA Report)

YES

NO

CUMULATIVE TOTAL OF  
WORK HOURS FROM  
PREVIOUS REPORT

447 45

WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE?  
(If YES, attach a statement or checklist showing inspection performed)

YES

NO

TOTAL WORK  
HOURS FROM START  
OF CONSTRUCTION

477 487

WAS HAZARDOUS MATERIAL/WASTE RELEASED IN TO THE ENVIRONMENT?  
(If YES, attach description of incident and proposed action)

YES

NO

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTION CONDUCTED

YES

SAFETY REQUIREMENTS  
HAVE BEEN MET

Tailgate meeting - <sup>contaminants</sup> chemicals of concern (see HAS sign in sheet)

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

NONE

Plates Installed ECB on Floodplain  
C

EROSION CONTROL BLANKET delivery

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY

Excavator 2 HRS

FORKLIFT 3 HRS 2 HRS

VAC truck 2-3 HRS

Dumptruck 0 HRS

FEL 0 HRS

REMARKS

- met w/ JC, JC (EAD) signed 15 manifests for TRIB 2 soil/sediments
- Dropped manifests off at weigh station w/ Dave Englehard (DE - scale master), inform of trucks for 7/8/08
- Erica Delatte (P&E) fixes signed profile to Lucas Norris (Republic L/F), BAM verifies w/ LN that Republic has rec'd signed profile
- BAM schedules trucks for 7/8/08 (4 in Am, 4 in late Am or early PM w/ 2 on standby)

Brad A McCall  
CONTRACTOR'S SUPERINTENDENT

7/2/08  
DATE

- Marlon Gieseko on site w/ invoice for soil mixing, topsoil deliveries, + purchase of 25 pulpwood mats.

- Pumped — gallons water from soil stockpiles + disposed of at IWT

**FIGURE 8 - CONTRACTOR QUALITY CONTROL REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 1 DATE 7/2/08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

CONTRACTOR  
Rhea Engineers and Consultants, Inc.

P R E P A R A T O R Y	Y - YES, N- NO, SEE REMARKS BLANK - NOT APPLICABLE	
	THE PLANS AND SPECS HAVE BEEN REVIEWED	
	THE SUBMITTALS HAVE BEEN APPROVED	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	
	MATERIALS STORED PROPERLY	
	TESTING PLAN HAS BEEN REVIEWED	
	WORK METHOD AND SCHEDULE DISCUSSED	

IDENTIFY DEFINABLE FEATURES OF WORK, LOCATION, AND LIST PERSONNEL PRESENT  
*PREP for TI Stream Removal - No definable features*

*of work completed today*

*Brad A McCalla (BAM) RHE  
Matt Snider (MS-MEC OPER)  
Stephan Khuekian (SK-MEC TECH)  
on site*

I N I T I A L	PRELIMINARY WORK WAS DONE CORRECTLY	
	SAMPLE HAS BEEN PREPARED/APPROVED	
	WORKMANSHIP IS SATISFACTORY	
	TEST RESULTS ARE ACCEPTABLE	
	WORK IS IN COMPLIANCE WITH THE CONTRACT	

TESTING PERFORMED AND WHO PERFORMED TEST

F O L L O W U P	WORK COMPLIES WITH CONTRACT AS APPROVED IN INITIAL PHASE	
	COMPLETION INSPECTION	

TESTING PERFORMED AND WHO PERFORMED TEST

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)  
*Bank of Floodplain C failed - apparent release from water tower located SE, ponded water b/w walking bridge 2 wasn't previously observed*

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)  
*Reconstruct streambank at FLOODPLAIN C*

REMARKS:

On behalf of the contractor, I certify that this report is complete and correct and equipment and materials used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

*Brad A McCalla*  
AUTHORIZED QC MANAGER AT SITE

7/2/08  
DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY CONTROL MANAGER

DATE

**FIGURE 7 - CONTRACTOR PRODUCTION REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 1 DATE 7/3/08  
REPORT NO. 018

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

TITLE AND LOCATION  
OUI, TRIBUTARY 2 REMEDIAL ACTION

CONTRACTOR: Rhea Engineers and Consultants, Inc.

SUPERINTENDENT Brad McCalla of Rhea

AM WEATHER  
High 80s to 20s to 80s

PM WEATHER  
80s

MAX TEMP  
90

MIN TEMP  
70

**WORK PERFORMED TODAY**

WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
~ 06:00 meet at MEC trailer	MEC	1	TECH	6
~ 06:30 Staging AREA 1 Repair 6-inch pump, level pump Push up stockpile #4 + Recover Pick up site trash				
Check limits of exc. for T2, T3, T4 stream sections and Floodplains A and B Fuel up truck	RHEA	1	ENGR	5
				on site then in OFFICE



YES  NO WAS A JOB SAFETY MEETING HELD THIS DATE?  
 (If YES, attach a copy of the meeting minutes)  
 YES  NO WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?  
 (If YES, attach a copy of the OSHA Report)  
 YES  NO WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE?  
 (If YES, attach a statement or checklist showing inspection performed)  
 YES  NO WAS HAZARDOUS MATERIAL/WASTE RELEASED IN TO THE ENVIRONMENT?  
 (If YES, attach description of incident and proposed action)

TOTAL WORK HOURS ON JOB SITE THIS DATE 17.0  
 CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT 487  
 TOTAL WORK HOURS FROM START OF CONSTRUCTION 482

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTION CONDUCTED

H+S Tailgate meeting on working w/ pellet lime  
(go over MSDS sheet)

YES SAFETY REQUIREMENTS HAVE BEEN MET

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

NONE

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY INCLUDE NUMBER OF HOURS USED TODAY

Excavator (1 HR) IR FORKlift (0 HRS) 6-inch pump (0 HR)  
Art. Dumptruck (0 HRS) FEL (0.5 HRS)

REMARKS

Brad A McCalla  
CONTRACTOR'S SUPERINTENDENT

7/3/08  
DATE

**FIGURE 8 - CONTRACTOR QUALITY CONTROL REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 1 DATE 7/3/08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

CONTRACTOR

Rhea Engineers and Consultants, Inc.

PHASE Y - YES, N - NO, SEE REMARKS  
BLANK - NOT APPLICABLE

IDENTIFY DEFINABLE FEATURES OF WORK, LOCATION, AND LIST PERSONNEL PRESENT

*PREP for Stream Removal T1 (Section 3)*

P	THE PLANS AND SPECS HAVE BEEN REVIEWED	
R	THE SUBMITTALS HAVE BEEN APPROVED	
P	MATERIALS COMPLY WITH APPROVED SUBMITTALS	
R	MATERIALS STORED PROPERLY	
T	TESTING PLAN HAS BEEN REVIEWED	
Y	WORK METHOD AND SCHEDULE DISCUSSED	

*No definable features of work completed*

*BAM (Brad McCalla - Rhea ENGR)*  
*SK (Stephan Khuzkhan - MEC tech)* } *ON-SITE*

I N I T I A L	PRELIMINARY WORK WAS DONE CORRECTLY	
	SAMPLE HAS BEEN PREPARED/APPROVED	
	WORKMANSHIP IS SATISFACTORY	
	TEST RESULTS ARE ACCEPTABLE	
	WORK IS IN COMPLIANCE WITH THE CONTRACT	

TESTING PERFORMED AND WHO PERFORMED TEST

F O L L O W  U P	WORK COMPLIES WITH CONTRACT AS APPROVED IN INITIAL PHASE	
	COMPLETION INSPECTION	

TESTING PERFORMED AND WHO PERFORMED TEST

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

On behalf of the contractor, I certify that this report is complete and correct and equipment and materials used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

*Brad McCalla* 7/3/08  
AUTHORIZED QC MANAGER AT SITE DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY CONTROL MANAGER

DATE

**FIGURE 7 - CONTRACTOR PRODUCTION REPORT**

(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 1

DATE 7/8/08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

TITLE AND LOCATION  
OU1, TRIBUTARY 2 REMEDIAL ACTION

REPORT NO.  
019

CONTRACTOR: Rhea Engineers and Consultants, Inc.

SUPERINTENDENT

Brad McCalla of Rhea

AM WEATHER  
~75

PM WEATHER

short rain (T-storm) 80s

MAX TEMP

~89

F

MIN TEMP

~75

F

**WORK PERFORMED TODAY**

WORK LOCATION AND DESCRIPTION		EMPLOYER	NUMBER	TRADE	HRS
~06:00	CREW meets @ MEC trailer	MEC	1	OPER	10.0
~06:15	Arrive at TRIB 2 Site - Staging AREA 1	MEC	1	TECH	10.0
~06:30	PREP - uncover stockpiles, vac truck to remove H <sub>2</sub> O from piles, reconstruct access area #2, pump around system				
~07:30-10:00	loadout of waste - 4 trucks				
~10:00-10:30	Construction of addtl. staging cell				
~10:30-11:45	excavation @ T1 b/w west corner of Floodplain C and T1-4				
~11:45	lunch break				
~12:30	exc. flooded	RHEA	1	ENGR	10.0
~14:30	Resume T1 excavation from T1-4 toward T1-5				
~16:00	CREW leaves site, pump around system to remain operational overnight				



WAS A JOB SAFETY MEETING HELD THIS DATE?  
(If YES, attach a copy of the meeting minutes)

YES

NO

TOTAL WORK HOURS ON JOB SITE THIS DATE

30.0

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?  
(If YES, attach a copy of the OSHA Report)

YES

NO

CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT

482.492

WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE?  
(If YES, attach a statement or checklist showing inspection performed)

YES

NO

TOTAL WORK HOURS FROM START OF CONSTRUCTION

512.5

WAS HAZARDOUS MATERIAL/WASTE RELEASED IN TO THE ENVIRONMENT?  
(If YES, attach description of incident and proposed action)

YES

NO

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTION CONDUCTED

Tailgate meeting on pinch points, working in small areas w/ construction vehicles

YES

SAFETY REQUIREMENTS HAVE BEEN MET

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

- ① Concrete Sand - 2 loads, (31.12 TONS) 15.66 + 15.79
  - ② 4 truckloads waste shipped out - Baysden (est. 80 tons) to Republic (see T+D log)
  - ③ 60 straw bales for staging area cell
- Note: Trucks (at least 3 of 4) had to come back to site for addtl. mat.

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY

VAC truck 2 HRS (1000 gallons dumped to IWTP)

Excavator 3.0 HRS

due to being being high

FEL 2.5 HRS Forklift 0 HRS

Articulating dump 3.0 HRS

REMARKS

- RAIN STORM 1200-1230 - 6-inch pump cannot handle stream flow, excavation area floods
- JC on site w/ 2 mantras (uniformed) to take photos for paper of site work @ TRIB
- VAC truck back in PM to remove addtl. water from soil stockpiles - water HELD for future disposal @ IWTP
- BAM updates Jeff Christopher (JC - ACAS EAD) on site progress @ ~16:00
  - ① 4 loads waste disposed of at Republic
  - ② Stream removal T1 - completed ~90' (linear ft), ~25' remaining (on 7/8/08)
  - ③ loadout of 6 loads of waste

CONTRACTOR'S SUPERINTENDENT

DATE 7/8/08

Note: scheduled for 7/9/08  
Apparent heavy rains over July 9th weekend

Floodplain C showing no signs of erosion  
CONTRACT NO. N40085-07-D-1905, CTO 0006

**FIGURE 8 - CONTRACTOR QUALITY CONTROL REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 1 DATE 7/8/08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

CONTRACTOR  
Rhea Engineers and Consultants, Inc.

P R E P A R A T O R Y	Y - YES, N - NO, SEE REMARKS BLANK - NOT APPLICABLE	
	THE PLANS AND SPECS HAVE BEEN REVIEWED	
	THE SUBMITTALS HAVE BEEN APPROVED	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	
	MATERIALS STORED PROPERLY	
	TESTING PLAN HAS BEEN REVIEWED	
	WORK METHOD AND SCHEDULE DISCUSSED	

IDENTIFY DEFINABLE FEATURES OF WORK, LOCATION, AND LIST PERSONNEL PRESENT  
T1 STREAM EXCAVATION

RHEA  
MEC (See H+S  
Sign in sheet)

I N I T I A L	PRELIMINARY WORK WAS DONE CORRECTLY	<u>yes</u>
	SAMPLE HAS BEEN PREPARED/APPROVED	<u>—</u>
	WORKMANSHIP IS SATISFACTORY	<u>yes</u>
	TEST RESULTS ARE ACCEPTABLE	<u>—</u>
	WORK IS IN COMPLIANCE WITH THE CONTRACT	<u>yes</u>

T1 Excavation from ~C1 to ~45'  
W of T1-4 (see DRAW 5A) Final  
work plan  
DEPTH CKS @ T1-4 and  
T1-4 + 30' BOTH > 2.0'  
PHOTOS TO VERIFY DEPTH

TESTING PERFORMED AND WHO  
PERFORMED TEST  
BAM (RHEA) performs  
depth cks to make  
sure 2.0' min exc.  
depth

F O L L O W U P	WORK COMPLIES WITH CONTRACT AS APPROVED IN INITIAL PHASE	
	COMPLETION INSPECTION	

DEPTH CK also @ T1-4-30'  
near SB-02 > 2.0' no photo

TESTING PERFORMED AND WHO  
PERFORMED TEST

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:  
EXC FLOODS DUE TO INCREASED STREAM FLOW FOLLOWING STORM

On behalf of the contractor, I certify that this report is complete and correct, and equipment and materials used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Brad A. Wall  
AUTHORIZED QC MANAGER AT SITE

7/8/08  
DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY CONTROL MANAGER

DATE

**FIGURE 7 - CONTRACTOR PRODUCTION REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of     DATE 7/9/08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

TITLE AND LOCATION  
OUI, TRIBUTARY 2 REMEDIAL ACTION

REPORT NO.  
020

CONTRACTOR: Rhea Engineers and Consultants, Inc.

SUPERINTENDENT Brad McCalla of Rhea

AM WEATHER (T-STORM)  
70S

PM WEATHER 80S, partly sunny  
HUMID

MAX TEMP ~88

MIN TEMP ~75

**WORK PERFORMED TODAY**

WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
<u>TRIB 2 - T1 Removal + loadout of Waste</u>	<u>MEC</u>	<u>1</u>	<u>OPER</u>	<u>10.0</u>
<u>~06:00 ARRIVE on site - unload straw bales, dump additi. water IWT</u>	<u>MEC</u>	<u>1</u>	<u>TECH</u>	<u>10.0</u>
<u>~07:45 loadout of trunks (for waste disposal at Republic)</u>				
<u>~10:30 loadout complete - 4 trucks</u>				
<u>~11:00 Transport lime from Staging Area 2 + mix w/ wet soils @ Staging Area 1, clean staging area</u>				
<u>~13:00 T1 Stream Excavation - T1-4 to T1-5</u>	<u>RHEA</u>	<u>1</u>		<u>10.0</u>
<u>~14:00 Backfill of T1 Stream Section - C1 to T1-4 + 60'</u>				
<u>~15:00 Site Cleanup - Berm around soil stockpile, cover w/ poly</u>				



WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES, attach a copy of the meeting minutes)  YES  NO

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES, attach a copy of the OSHA Report)  YES  NO

WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? (If YES, attach a statement or checklist showing inspection performed)  YES  NO

WAS HAZARDOUS MATERIAL/WASTE RELEASED IN TO THE ENVIRONMENT? (If YES, attach description of incident and proposed action)  YES  NO

TOTAL WORK HOURS ON JOB SITE THIS DATE 30.0

CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT 542 53

TOTAL WORK HOURS FROM START OF CONSTRUCTION 542 52 56

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTION CONDUCTED

Tailgate safety meeting - OPERATOR AWARENESS

YES SAFETY REQUIREMENTS HAVE BEEN MET

Made sure that personnel not smoking only in designated areas - OK, no violations observed

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

- ① 4 truckloads non-haz waste shipped + disposed at Republic - Baysden trucking est. 80 TONS
- ② Dispose of ~600 gallons water @ IWT (see T+D log.)
- ③ 2 ROLLS POLY SHEETING

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY

Excavator (2 HR) (Exc/Backfill) | Articulating Dump (1 HR) | 6-inch pump Ran overnight 16:00 - 24:00 - 1/8/08

IR Forklift (0 HR) | FEL (Backfill/loadout/misc) (2 HR) | VAC truck (1 HR) 24:00 - 15:00 - 1/9/08

REMARKS

T-Storm in AM - TRIB 2 Flooded exc. area

Baysden truck B-32 dumped load on site due to axle problem

Jeff Christopher (JC-MEAS EAD) on site in PM

Production: EXC of Stream Section T1 from T1-4+45' to T1-4+60' - 15' denioff & 10' ft remain

B/F of Stream Section T1 from C1 to T1-4+60'

100' stream Backfilled

Brad A McCalla  
CONTRACTOR'S SUPERINTENDENT

7/9/08  
DATE

**FIGURE 8 - CONTRACTOR QUALITY CONTROL REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

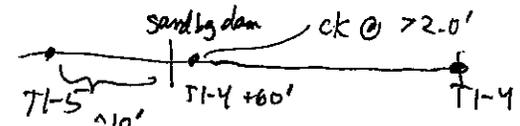
SHEET 1 of 1 DATE 7/9/08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

CONTRACTOR  
Rhea Engineers and Consultants, Inc.

PHASE	Y - YES, N - NO, SEE REMARKS BLANK - NOT APPLICABLE		IDENTIFY DEFINABLE FEATURES OF WORK, LOCATION, AND LIST PERSONNEL PRESENT <i>T1 Stream excavation + Backfill</i>
	P	THE PLANS AND SPECS HAVE BEEN REVIEWED	
R	THE SUBMITTALS HAVE BEEN APPROVED		
E	MATERIALS COMPLY WITH APPROVED SUBMITTALS		
P	MATERIALS STORED PROPERLY		
A	TESTING PLAN HAS BEEN REVIEWED		
R	WORK METHOD AND SCHEDULE DISCUSSED		

I N I T I A L	PRELIMINARY WORK WAS DONE CORRECTLY		<i>ck at T1-4 +60'</i>  <i>2.0' Depth achieved</i> 	TESTING PERFORMED AND WHO PERFORMED TEST	
		SAMPLE HAS BEEN PREPARED/APPROVED			
		WORKMANSHIP IS SATISFACTORY			<i>Yes</i>
		TEST RESULTS ARE ACCEPTABLE			<i>Yes</i>
		WORK IS IN COMPLIANCE WITH THE CONTRACT			<i>Yes</i>

F O L L O W  U P	WORK COMPLIES WITH CONTRACT AS APPROVED IN INITIAL PHASE		<i>Addl. sand bag dam to be installed to complete remainder of T1-exc after BAM notices existing sand bag dam ~10' short of T1-5</i>	TESTING PERFORMED AND WHO PERFORMED TEST
		COMPLETION INSPECTION		

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)	REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)
<i>① Spillage of exc. soil off of asphalt on adjacent soil (to S)</i> <i>*Note: Baysden truck driver dumps load to parking area w/ no poly, MEC crew constructs sand</i>	<i>① Spillage hand shoveled from adjacent virgin soil + placed w/ exc. waste.</i>

REMARKS: *straw bale berm + covers w/ poly \* (Piles supposed to be lined w/ min 10 mil poly per specs)*  
*BAM also rechecks area near SB-02 (see SA Drawing) + 2.0' depth achieved*  
*Photo taken to verify*

On behalf of the contractor, I certify that this report is complete and correct and equipment and materials used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

*Brad A McCalla* 7/9/08  
 AUTHORIZED QC MANAGER AT SITE DATE

GOVERNMENT QUALITY ASSURANCE REPORT	DATE
QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT	
<p align="center">GOVERNMENT QUALITY CONTROL MANAGER DATE</p>	

**FIGURE 7 - CONTRACTOR PRODUCTION REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 1 DATE 7/10/08  
REPORT NO. 021

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

TITLE AND LOCATION  
OUI, TRIBUTARY 2 REMEDIAL ACTION

CONTRACTOR: Rhea Engineers and Consultants, Inc

SUPERINTENDENT Brad McCalla of Rhea

AM WEATHER  
70s to 80s

PM WEATHER  
mid 80s HUMID

MAX TEMP  
~85

MIN TEMP  
~72

**WORK PERFORMED TODAY**

WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
TRIB 2 Stream removal - Section T1	MEC	1	OPER	10.0
~06:30 Construct new sand bag dam ↓stream of T15	MEC	1	TECH	10.0
start pump around system				
~08:30 - load trucks - 3 for disposal at Republic				
10:30				
~11:00 MEC crew cks silt screen, then to lunch				
~12:00 - 14:00 cover remainder of exc. soil w/ poly + Beam				
site cleanup, remove some equipment from stream area	RHEA	1	ENGR	10.0
~14:30 B/F Remaining T1 Stream section w/ sand				
T1 stream section complete, Remove sand bag dams				
~15:30 move 6-inch pump out of work area to staging area 1				
16:00 leave site for day				



WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES, attach a copy of the meeting minutes)  YES  NO

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES, attach a copy of the OSHA Report)  YES  NO

WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? (If YES, attach a statement or checklist showing inspection performed)  YES  NO

WAS HAZARDOUS MATERIAL/WASTE RELEASED IN TO THE ENVIRONMENT? (If YES, attach description of incident and proposed action)  YES  NO

TOTAL WORK HOURS ON JOB SITE THIS DATE 30.0

CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT ~~51~~ 51

TOTAL WORK HOURS FROM START OF CONSTRUCTION ~~50~~ 50

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTION CONDUCTED

Tailgate meeting - lightning, heavy rains, + high winds  
CEASE OPERATIONS until hazardous weather moves out

YES SAFETY REQUIREMENTS HAVE BEEN MET

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

- 3 truckloads waste for disposal est. 60 tons to Republic (East Carolina Environmental)
- 1 load concrete sand 15.63 tons for streambed B/F

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBER OF HOURS USED TODAY

FEL 4 HRS (Site Cleanup) Art. Dump 0 HRS 6-inch pump 8 HRS ~07:00-15:00  
Excavator 2 HRS B/F move pump Forklift 1 HR move pump pump around stream during exc. + B/F

REMARKS

- Snapping turtle observed in completed section of T1 removal + backfill - Photo
- ordered street sweeper for 7/14/08, R. Finley (MEC pm) put in work order for after HES w/ police office for 7/14/08
- Snapping turtle relocated from work area near T1-5 to ↓stream of active work area
- 3 trucks scheduled for 7/11/08 Am loadout, left message w/ EAD

Production: completed final 10-15' final ft of excavation to T1-5  
B/F'd remainder of T1 exc.

Brad A McCalla  
CONTRACTOR'S SUPERINTENDENT DATE 7/10/08

T1 exc + B/F COMPLETE  
~60 tons T+D

**FIGURE 8 - CONTRACTOR QUALITY CONTROL REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 1 DATE 7/10/08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

CONTRACTOR  
Rhea Engineers and Consultants, Inc.

PHASE Y - YES, N - NO, SEE REMARKS  
BLANK - NOT APPLICABLE IDENTIFY DEFINABLE FEATURES OF WORK LOCATION, AND LIST PERSONNEL PRESENT  
*Exc and BACKFILL - T1 STREAM REMOVAL*

P R E P A R A T O R Y	THE PLANS AND SPECS HAVE BEEN REVIEWED	
	THE SUBMITTALS HAVE BEEN APPROVED	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	
	MATERIALS STORED PROPERLY	
	TESTING PLAN HAS BEEN REVIEWED	
	WORK METHOD AND SCHEDULE DISCUSSED	

**SECTION 4**

*See H+S Sign in sheet for personnel*

I N I T I A L	PRELIMINARY WORK WAS DONE CORRECTLY	<i>YES</i>
	SAMPLE HAS BEEN PREPARED/APPROVED	<i>✓</i>
	WORKMANSHIP IS SATISFACTORY	<i>YES</i>
	TEST RESULTS ARE ACCEPTABLE	<i>✓</i>
	WORK IS IN COMPLIANCE WITH THE CONTRACT	<i>YES</i>

*BAM shows MEC area of T1 where backfill does not appear to be 2.0' (back to original grade) near T1-4 + 30' (previously backfilled) BAM directs MEC to place addtl. sand in area + MEC placed addtl. sand by slowly dumping sand in area w/ FEL. BAM approves area as complete.*

TESTING PERFORMED AND WHO PERFORMED TEST

*BAM performed depth OK @ T1-5 > 2.0' achieved OK ✓ PHOTO TAKEN*

F O L L O W  U P	WORK COMPLIES WITH CONTRACT AS APPROVED IN INITIAL PHASE	
	COMPLETION INSPECTION	

TESTING PERFORMED AND WHO PERFORMED TEST

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:  
*• BAM meets w/ MEC crew about improving mat. handling (spillage on 7/9/08 had to be cleaned up).... minimize mat. loaded to truck, maintain berm integrity, etc.*

On behalf of the contractor, I certify that this report is complete and correct and equipment and materials used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

*Bread A McElk* 7/10/08  
AUTHORIZED QC MANAGER AT SITE DATE

GOVERNMENT QUALITY ASSURANCE REPORT DATE

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

GOVERNMENT QUALITY CONTROL MANAGER DATE

**FIGURE 7 - CONTRACTOR PRODUCTION REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 1

DATE 7/11/08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

TITLE AND LOCATION  
OUI, TRIBUTARY 2 REMEDIAL ACTION

REPORT NO.  
022

CONTRACTOR: Rhea Engineers and Consultants, Inc. SUPERINTENDENT: Brad McCalla of Rhea  
AM WEATHER: slight 10s, overcast, rain, humid PM WEATHER: 80s, very humid MAX TEMP: ~82 F MIN TEMP: ~70 F

**WORK PERFORMED TODAY**

TRIS 2	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
~16:00	Staging AREA 1 cleanup	MEC	1	OPER	10.0
~08:00 - ~09:00	loadout - 3 trucks (est 60 tons)	MEC	1	TECH	10.0
~09:00 - 16:00	• restore bank, remove mats from access area 2 • Move + place mats at Access Area 3 • move pump to stream removal area T2 • clean up Staging area 1 sand bags, straw bales, + xtra poly + move to Staging area 2	RHEA	1	ENGR	10.0



WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES, attach a copy of the meeting minutes)  YES  NO  
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES, attach a copy of the OSHA Report)  YES  NO  
WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? (If YES, attach a statement or checklist showing inspection performed)  YES  NO  
WAS HAZARDOUS MATERIAL/WASTE RELEASED IN TO THE ENVIRONMENT? (If YES, attach description of incident and proposed action)  YES  NO

TOTAL WORK HOURS ON JOB SITE THIS DATE: 30.0  
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT: 582 594  
TOTAL WORK HOURS FROM START OF CONSTRUCTION: 62

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTION CONDUCTED

Tailgate H+S meeting - proper lifting Techniques

YES SAFETY REQUIREMENTS HAVE BEEN MET

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

T&D 3 trucks to Republic's L/F Baysden Trucking (~60 tons est) - all mat. has been loadout from Floodplain C and Streambed area loadout to date (est. ~285 - 295 TONS)  
Quantities of mats to date: ~75 tons #5 Rock, ~105 cy topsoil, ~131 tons sand

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY

① DSCB Articulating dump truck 1 HR ② 621 D FEL 3.0 HRS ③ 6-inch pump 0 HRS  
④ Kobelco exc. 3.0 HRS restore area along T1 and access #2 ⑤ Forklift 3.0 HRS misc ⑥ TRAILER

REMARKS

• BAM meets w/ R. Galoy (MEC) to schedule Neff on site for 7/14/08 PM to move exc. to Staging Area 2, RF has put in request for after HR work for 7/14/08 + scheduled delivery of street sweeper.  
• Strong 7/10/08 storms in PM moved mats (access) from N of TRIS 2 (T1 area) to overlook stream.  
• JC forwards BAM copy of WINDSOCK newspaper - BAM/JC on front page  
• BAM orders #5 Rock, sand, + lime (for 7/14/08 delivery) - Lime delivery scheduled for 7/14/08 @ 08:00  
• JC confirms that Rhea/MEC not to leave mats @ Access Area 2  
• BAM picks up manifests from MRF (Matl-Recovery Facility) - still need 7/10/08 manifests when Dale McFarland signed out loads  
Summary of WORK: ① Complete loadout of non-haz waste from Staging Area 1 (Approx 285-300 tons waste disposed of to date)  
② restore bank along T1 stream removal section  
③ Requiring equipment to Staging Area 2

Brad A McCalla 7/11/08  
CONTRACTOR'S SUPERINTENDENT / DATE

**FIGURE 8 - CONTRACTOR QUALITY CONTROL REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 1 DATE 7/11/08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

CONTRACTOR  
Rhea Engineers and Consultants, Inc.

PHASE Y - YES, N - NO, SEE REMARKS  
BLANK - NOT APPLICABLE IDENTIFY DEFINABLE FEATURES OF WORK, LOCATION, AND LIST PERSONNEL PRESENT  
**DISPOSAL - TRIB 2 SEDIMENTS**

P	THE PLANS AND SPECS HAVE BEEN REVIEWED	
R	THE SUBMITTALS HAVE BEEN APPROVED	
P	MATERIALS COMPLY WITH APPROVED SUBMITTALS	
A	MATERIALS STORED PROPERLY	
R	TESTING PLAN HAS BEEN REVIEWED	
T	WORK METHOD AND SCHEDULE DISCUSSED	

(for personnel see H+S sign in log)

I N I T I A L	PRELIMINARY WORK WAS DONE CORRECTLY	Yes
	SAMPLE HAS BEEN PREPARED/APPROVED	✓
	WORKMANSHIP IS SATISFACTORY	Yes
	TEST RESULTS ARE ACCEPTABLE	✓
	WORK IS IN COMPLIANCE WITH THE CONTRACT	Yes

BAM observes loadout procedures to ensure matl-handling procedures acceptable + minimal spillage  
Practices ok ✓

TESTING PERFORMED AND WHO PERFORMED TEST

F O L L O W U P	WORK COMPLIES WITH CONTRACT AS APPROVED IN INITIAL PHASE	
	COMPLETION INSPECTION	

BAM inspects Staging Area 1, access area 2, + T1, Floodplain C near end of workday:  
① Area tidy (trash has been removed, mats mostly moved to Staging Area 2)  
② Restoration along T1 and access #2 acceptable  
③ minimal scratching of parking lot noted - will recheck after cleanup of sweeps

TESTING PERFORMED AND WHO PERFORMED TEST

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)  
BAM notices few sandbags remaining near walking bridge + informs MEC to pick up + dispose of MEC disposes of bags as requested

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)  
OK on 7/14/08 street

REMARKS:  
Inspection of E+S Controls performed by BAM - jute matting + silt barrier still in place at Floodplain C  
BAM informs MEC to repair stream bank adjacent to Removal Area T1 after mats removed - Area repaired to BAM satisfaction

On behalf of the contractor, I certify that this report is complete and correct and equipment and materials used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Brad A McCall 7/11/08  
AUTHORIZED QC MANAGER AT SITE DATE

GOVERNMENT QUALITY ASSURANCE REPORT DATE

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

GOVERNMENT QUALITY CONTROL MANAGER DATE

**FIGURE 7 - CONTRACTOR PRODUCTION REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 2 DATE 7/14/08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

TITLE AND LOCATION  
OUI, TRIBUTARY 2 REMEDIAL ACTION

REPORT NO.  
023

CONTRACTOR: Rhea Engineers and Consultants, Inc.

SUPERINTENDENT: Brad McCalla of Rhea

AM WEATHER  
70s to 80s Muggy

PM WEATHER  
Humidity ~85%  
HOT + SUNNY, mid/upper 80s

MAX TEMP ~86 F MIN TEMP ~73 F

**WORK PERFORMED TODAY**

WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
<u>72:00</u> Staging Area 2 setup of Staging Area 2 + access area 3	MEC	1	OPER	8
• place mats, set pump + hoses for T2 stream removal	MEC	1	TECH	8
• install culvert pipe w/ #5 stone cover				
• move additional debris (clumped mats) from staging area 1				
<u>17:00</u> • begin removing barricades from Staging Area 1 + construct 2 <sup>nd</sup> cell at Staging Area 2	RHEA	1	ENGR	8
<u>18:00</u> Street sweeper used at parking lot west of Bldg 163				5
<u>20:30</u> MEC/RHEA leave site for day				<u>13</u>



WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES, attach a copy of the meeting minutes)  YES  NO

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES, attach a copy of the OSHA Report)  YES  NO

WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? (If YES, attach a statement or checklist showing inspection performed)  YES  NO

WAS HAZARDOUS MATERIAL/WASTE RELEASED IN TO THE ENVIRONMENT? (If YES, attach description of incident and proposed action)  YES  NO

TOTAL WORK HOURS ON JOB SITE THIS DATE 290  
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT 642  
TOTAL WORK HOURS FROM START OF CONSTRUCTION 641

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTION CONDUCTED

YES SAFETY REQUIREMENTS HAVE BEEN MET

Tailgate meeting - proper lifting procedures, fork lift safety working w/ line (safety glasses + gloves req'd)

Note: forklift line burst - fluid dripping to parking lot - fluid contained + no release to environment transport lines from parking lot cleaning to Staging Area 2

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

Excavator 0 HRS 6-inch pump 0 HRS  
Forklift 8 HRS Articulating dump truck 2 HRS  
FEL 6 HRS (move mats, set pump, move barricades)

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY

Line 23.66 TONS (1 load) Concrete Sand ~60.69 TONS (4 loads)  
#5 Rock ~88.31 TONS (5 loads) Street sweeper mobilized - (2 HRS)

REMARKS

• MEC crew working: 12:00 - 20:30  
• met w/ Mark Lobaugh (LA Downey + Son, Inc) + Ancil Jones (Contract Surveillance Rep - MMC (AW/FWF), USAJ (net) concerning parking lot @ Staging Area 2 (~09:30). LA Downey has sub scheduled to paint lines on parking lot. BAM informs ML/AJ that Rhea's Polcc is Karen Boyd + that Rhea performing ecological restoration that requires use of parking lot until ~ Aug 14th  
• 11 Barricades moved to Staging Area 2

Brad A. McCalla 7/14/08  
CONTRACTOR'S SUPERINTENDENT DATE

+ new cell constructed for non-haz waste

**FIGURE 7 - CONTRACTOR PRODUCTION REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 2 of 2 DATE 7/14/08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

TITLE AND LOCATION  
OU1, TRIBUTARY 2 REMEDIAL ACTION

REPORT NO.  
023

CONTRACTOR: Rhea Engineers and Consultants, Inc.

SUPERINTENDENT Brad McCalla of Rhea

AM WEATHER  
See sheet 1

PM WEATHER

MAX TEMP

F

MIN TEMP

F

**WORK PERFORMED TODAY**

WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
<u>SEE SHEET 1</u>				



WAS A JOB SAFETY MEETING HELD THIS DATE?  
(If YES, attach a copy of the meeting minutes)



YES



NO

TOTAL WORK HOURS ON JOB SITE THIS DATE

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?  
(If YES, attach a copy of the OSHA Report)



YES



NO

CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT

WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE?  
(If YES, attach a statement or checklist showing inspection performed)



YES



NO

TOTAL WORK HOURS FROM START OF CONSTRUCTION

WAS HAZARDOUS MATERIAL/WASTE RELEASED IN TO THE ENVIRONMENT?  
(If YES, attach description of incident and proposed action)



YES



NO

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTION CONDUCTED

SAFETY REQUIREMENTS HAVE BEEN MET

SEE SHEET 1

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

SEE SHEET 1

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY

REMARKS

• BAM meets w/ Gabe Southard (Neff Rental) to receive street sweeper, Neff to give credit to Rhea for time when IR Forklift broke ↓ last month

Brad A McCalla  
CONTRACTOR'S SUPERINTENDENT

7/14/08  
DATE

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**FIGURE 8 - CONTRACTOR QUALITY CONTROL REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 1 DATE 7/14/08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

CONTRACTOR  
Rhea Engineers and Consultants, Inc.

PHASE	Y - YES, N - NO, SEE REMARKS BLANK - NOT APPLICABLE	IDENTIFY DEFINABLE FEATURES OF WORK, LOCATION, AND LIST PERSONNEL PRESENT
P R E P A R A T I O N I N G	THE PLANS AND SPECS HAVE BEEN REVIEWED	No definable features of work completed (ie, no excavation, backfill, etc. as defined in Final work plan  BAM inspects parking lot (Staging Area 1) during + after street sweeping operations. No major damage noted on parking lot surface. Scratches from large equipment noticed. Noticeable scratches at NE corner of SA #1 (Photo Taken)
	THE SUBMITTALS HAVE BEEN APPROVED	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	
	MATERIALS STORED PROPERLY	
	TESTING PLAN HAS BEEN REVIEWED	
	WORK METHOD AND SCHEDULE DISCUSSED	
I N I T I A L	PRELIMINARY WORK WAS DONE CORRECTLY	* Portion of curb damaged near light pole at NW corner of Staging Area 1 (Photo taken) *  Parking lot still functional - no severe damage
	SAMPLE HAS BEEN PREPARED/APPROVED	
	WORKMANSHIP IS SATISFACTORY	
	TEST RESULTS ARE ACCEPTABLE	
	WORK IS IN COMPLIANCE WITH THE CONTRACT	
F O L L O W U P	WORK COMPLIES WITH CONTRACT AS APPROVED IN INITIAL PHASE	Forklift tire burst + fluid dripping to parking lot - fluid contained + no release to environment
	COMPLETION INSPECTION	

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:  
BAM notices unusually large dust cloud during street sweeping operations at Staging Area 1. MEC not using water in sweeper. MEC leaves site in sweeper to fill w/ water. Work resumes + dust much more manageable

On behalf of the contractor, I certify that this report is complete and correct and equipment and materials used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Brad A McEll 7/14/08  
AUTHORIZED QC MANAGER AT SITE DATE

GOVERNMENT QUALITY ASSURANCE REPORT DATE

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

GOVERNMENT QUALITY CONTROL MANAGER DATE

**FIGURE 7 - CONTRACTOR PRODUCTION REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 1 DATE 7/15/08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

TITLE AND LOCATION  
OUI, TRIBUTARY 2 REMEDIAL ACTION

REPORT NO.  
024

CONTRACTOR: Rhea Engineers and Consultants, Inc.

SUPERINTENDENT

Brad McCalla of Rhea

AM WEATHER  
20s to low 80s

PM WEATHER  
low to mid/upper 80s

MAX TEMP  
~86

MIN TEMP  
~72

**WORK PERFORMED TODAY**

WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
<u>Site Setup ~06:00 - 08:00</u>	<u>MEC</u>	<u>1</u>	<u>OPER</u>	<u>1.5</u>
<u>PREP for exc, move Kobalco from Staging Area 1 to Staging Area 2</u>	<u>MEC</u>	<u>1</u>	<u>TECH</u>	<u>1.5</u>
<u>~08:00 - ~09:00 set up pump around @ T2 Stream Section</u>				
<u>place poly at staging call</u>				
<u>~09:00 - ~11:00 T2 Stream Excavation</u>				
<u>~11:00 - ~11:30 T2 Stream Backfill</u>				
<u>~12:00 lunch break</u>				
<u>~12:30 - 14:00 Move mats + pump, restore streambank along T2</u>	<u>RHEA</u>	<u>1</u>	<u>ENGR</u>	<u>1.5</u>
<u>~14:00 - 16:00 Floodplain B Excavation</u>				
<u>~16:00 - 16:30 Cover excavation stockpile, install silt barrier along Floodplain B</u>				
<u>reCover line stockpile</u>				
				<u>33.0</u>



WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES, attach a copy of the meeting minutes) YES  NO  
 WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES, attach a copy of the OSHA Report) YES  NO  
 WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? (If YES, attach a statement or checklist showing inspection performed) YES  NO  
 WAS HAZARDOUS MATERIAL/WASTE RELEASED IN TO THE ENVIRONMENT? (If YES, attach description of incident and proposed action) YES  NO

TOTAL WORK HOURS ON JOB SITE THIS DATE 31.5  
 CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT 681  
 TOTAL WORK HOURS FROM START OF CONSTRUCTION 681

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTION CONDUCTED

Tailgate meeting - slips, trips, + falls

YES SAFETY REQUIREMENTS HAVE BEEN MET

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

#5 stone 12 loads (est. 180 tons) - stone delivered to date is ~340 tons  
Poly - 2 ROLLS  
→ moved to Staging Area 2 (Neff Rental on site)

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY - INCLUDE NUMBER OF HOURS USED TODAY

Kobalco exc (6.5 Hrs) (exc. + B/F) FGL (3 Hrs) (Stockpile B/F #5) 6-inch pump (2.5 HRS) (T2 exc.)  
IR Forklift (1.0 HRS) JCB Articulating Dump Truck (6.0 HRS) (exc. + B/F) Street Sweeper - demobed

REMARKS

Production ① T2 Stream excavation + B/F complete ~15 cy exc/fill (100% complete)  
② Floodplain B Excavation ~ 20 cy excavated + transported to staging call (20% complete)  
③ 2 Barriers moved from Staging Area 1 to Staging Area 2  
④  
 • Placed call to Martin Gieszko for 60-80 cy topsoil (for 7/17/08 delivery)

Brad A McCalla 7/15/08  
 CONTRACTOR'S SUPERINTENDENT DATE

→ Forklift repaired in Am - hydraulic line

**FIGURE 8 - CONTRACTOR QUALITY CONTROL REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 1

DATE 7/15/08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

CONTRACTOR  
Rhea Engineers and Consultants, Inc.

PHASE Y - YES, N - NO, SEE REMARKS  
BLANK - NOT APPLICABLE IDENTIFY DEFINABLE FEATURES OF WORK, LOCATION, AND LIST PERSONNEL PRESENT

P R E P A R A T O R Y	THE PLANS AND SPECS HAVE BEEN REVIEWED	YES	T2 exc / Floodplain B Exc / Backfill of T2  PREP meeting held for T2 exc. + Floodplain B Exc. - excavation limits and reviewed  T2 is 6", FP B is 2'
	THE SUBMITTALS HAVE BEEN APPROVED	YES	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	YES	
	MATERIALS STORED PROPERLY	YES	
	TESTING PLAN HAS BEEN REVIEWED	/	
	WORK METHOD AND SCHEDULE DISCUSSED	YES	

I N I T I A L	PRELIMINARY WORK WAS DONE CORRECTLY	YES	BAM verifies exc. limits achieved for T2 + Floodplain B using Rod marked w/ appropriate depth intervals  BAM observes MEC backfilling operations to insure backfill placed as per specifications	TESTING PERFORMED AND WHO PERFORMED TEST
	SAMPLE HAS BEEN PREPARED/APPROVED	/		Brad A McCalla - RA (BAM)
	WORKMANSHIP IS SATISFACTORY	YES		
	TEST RESULTS ARE ACCEPTABLE	/		
	WORK IS IN COMPLIANCE WITH THE CONTRACT	YES		

F O L L O W U P	WORK COMPLIES WITH CONTRACT AS APPROVED IN INITIAL PHASE		Stations T2-1 ~9" exc. T2-2 ~12" exc T2-3 ~12" exc	TESTING PERFORMED AND WHO PERFORMED TEST
	COMPLETION INSPECTION			

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)  
BAM informs MEC that addtl. matl. to be swept up at Staging Area 1 when exc. moved onto trailer.

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)  
MEC swept up matl. as requested

REMARKS:

On behalf of the contractor, I certify that this report is complete and correct and equipment and materials used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Brad A McCalla  
AUTHORIZED QC MANAGER AT SITE  
DATE 7/15/08

GOVERNMENT QUALITY ASSURANCE REPORT DATE

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

GOVERNMENT QUALITY CONTROL MANAGER DATE

**FIGURE 7 - CONTRACTOR PRODUCTION REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 1

DATE 7/16/08  
REPORT NO. 025

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

TITLE AND LOCATION  
OUI, TRIBUTARY 2 REMEDIAL ACTION

CONTRACTOR: Rhea Engineers and Consultants, Inc.

SUPERINTENDENT Brad McCalla of Rhea

AM WEATHER

low 70s to mid 80s

PM WEATHER

mid 80s

MAX TEMP

86

F

MIN TEMP

72

F

**WORK PERFORMED TODAY**

WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
<u>Floodplain B Excavation</u>	<u>MEC</u>	<u>1</u>	<u>OPER</u>	<u>10.5</u>
<u>~06:00 - 11:00 Floodplain B Exc.</u>	<u>MEC</u>	<u>1</u>	<u>TECH</u>	<u>10.5</u>
<u>~11:00 - ~11:30 lunch</u>				
<u>~11:30 - 14:30 Floodplain B Exc.</u>				
<u>~14:30 - 16:00 Floodplain B Backfill w/ #5 Stone</u>				
<u>~16:00 - 16:30 Cover stockpiles of waste, lime</u>	<u>RHEA</u>	<u>1</u>	<u>ENGR.</u>	<u>10.5</u>
				<u>33.0</u>



WAS A JOB SAFETY MEETING HELD THIS DATE?  
(If YES, attach a copy of the meeting minutes)



YES



NO

TOTAL WORK HOURS ON JOB SITE THIS DATE

31.5

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?  
(If YES, attach a copy of the OSHA Report)



YES



NO

CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT

664

WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE?  
(If YES, attach a statement or checklist showing inspection performed)



YES



NO

TOTAL WORK HOURS FROM START OF CONSTRUCTION

697

WAS HAZARDOUS MATERIAL/WASTE RELEASED IN TO THE ENVIRONMENT?  
(If YES, attach description of incident and proposed action)



YES



NO

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTION CONDUCTED

Hazardous flora

YES

SAFETY REQUIREMENTS HAVE BEEN MET

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

Diesel fuel - ~100 gallons

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBER OF HOURS USED TODAY

Kobalco Exc. 9.5 HRS

FEL 2.0 HRS

6-inch pump 1.0 HRS

SCB Articulating Dump 8.0 HRS

IR FORKLIFT 1 HRS

REMARKS

Floodplain B Exc. Completed ~ 80 to 100 cy est 7/16/08, ~100 to 120 cy to date  
Backfill w/ ~ 75 cy of #5 stone (estimate)

Lime mixed w/ Floodplain B soils in-situ to stabilize for loading + transport to Staging Area 2 cells

Brad A. McCalla  
CONTRACTOR'S SUPERINTENDENT

7/16/08  
DATE

**FIGURE 8 - CONTRACTOR QUALITY CONTROL REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET L of L DATE 7/16/08

CONTRACT NO. N40085-07-D-1905 TASK ORDER NO. 0006 CONTRACTOR Rhea Engineers and Consultants, Inc.

P R E P A R A T O R Y	Y - YES, N- NO, SEE REMARKS BLANK - NOT APPLICABLE	IDENTIFY DEFINABLE FEATURES OF WORK, LOCATION, AND LIST PERSONNEL PRESENT <b>FLOODPLAIN B EXC + BACKFILL</b>
	THE PLANS AND SPECS HAVE BEEN REVIEWED	<b>TRIB REMEDIAL ACTION</b>
	THE SUBMITTALS HAVE BEEN APPROVED	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	
	MATERIALS STORED PROPERLY	
	TESTING PLAN HAS BEEN REVIEWED	
	WORK METHOD AND SCHEDULE DISCUSSED	

I N I T I A L	PRELIMINARY WORK WAS DONE CORRECTLY	<u>Yes</u>	BAM verifies exc. depth at Floodplain B to insure 24" depth achieved <b>OK ✓</b>  Photos taken at B1, B2, B3, B4, + B5 24" depth achieved	TESTING PERFORMED AND WHO PERFORMED TEST
	SAMPLE HAS BEEN PREPARED/APPROVED			<b>BRAD A MCCALLA</b> <b>RHEA ENGINEERS</b> <b>(BAM)</b>
	WORKMANSHIP IS SATISFACTORY	<u>Yes</u>		
	TEST RESULTS ARE ACCEPTABLE			
	WORK IS IN COMPLIANCE WITH THE CONTRACT	<u>Yes</u>		

F O L L O W  U P	WORK COMPLIES WITH CONTRACT AS APPROVED IN INITIAL PHASE		TESTING PERFORMED AND WHO PERFORMED TEST
	COMPLETION INSPECTION		

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)	REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:  
*BAM notices spillage of waste outside staging cell + informs MEC, MEC scrapes up spillage w/ FEL + places in cell.*

On behalf of the contractor, I certify that this report is complete and correct and equipment and materials used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Brad A McCalla 7/16/08  
AUTHORIZED QC MANAGER AT SITE DATE

GOVERNMENT QUALITY ASSURANCE REPORT DATE

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

GOVERNMENT QUALITY CONTROL MANAGER DATE



**FIGURE 8 - CONTRACTOR QUALITY CONTROL REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 1

DATE 7/17/08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

CONTRACTOR  
Rhea Engineers and Consultants, Inc.

PHASE	Y - YES, N- NO, SEE REMARKS BLANK - NOT APPLICABLE	
P R E P A R A T O R Y	THE PLANS AND SPECS HAVE BEEN REVIEWED	Yes
	THE SUBMITTALS HAVE BEEN APPROVED	Yes
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	Yes
	MATERIALS STORED PROPERLY	Yes
	TESTING PLAN HAS BEEN REVIEWED	Yes
	WORK METHOD AND SCHEDULE DISCUSSED	Yes

IDENTIFY DEFINABLE FEATURES OF WORK, LOCATION, AND LIST PERSONNEL PRESENT  
EXCAVATION @ Floodplain A

Preparing meeting b/w BAM + MEC prior to Floodplain A Exc.  
 ① Entire crew cks corner pts. of exc. - Corner Pts — *no loc pre.*  
 ② CREW plans excavation - will begin on eastern 30" removal area + construct platform for exc. to sit on to load dump truck, stressed to MEC to build up area to keep exc. from bottom of exc as area extremely muddy + will sink several ft + possibly get stuck  
 ③ Discrepancies notes b/w field corner pts and

I N I T I A L	PRELIMINARY WORK WAS DONE CORRECTLY	
	SAMPLE HAS BEEN PREPARED/APPROVED	
	WORKMANSHIP IS SATISFACTORY	
	TEST RESULTS ARE ACCEPTABLE	
	WORK IS IN COMPLIANCE WITH THE CONTRACT	

Rhea drawings (Rhea PM) →  
 BAM contacts ERICA Relative to have surveyor back on site to reset corner pts. + to meet w/ BAM to discuss discrepancy w/ Corner Pts when seen compared to Rhea construction drawing 5.  
 ④ BAM informs MEC to progress w/ FPlain A exc, but to stay off exc. limits by ~10' until surveyor back on site to confirm accuracy of Corner Pts. + BAM informs

F O L L O W  U P	WORK COMPLIES WITH CONTRACT AS APPROVED IN INITIAL PHASE	
	COMPLETION INSPECTION	

MEC oper to only exc. to 24" over area until BAM transitions from 30" to 24" as shown on Rhea Drawing 5.  
 TESTING PERFORMED AND WHO PERFORMED TEST

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

On behalf of the contractor, I certify that this report is complete and correct and equipment and materials used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Brad A. McCall  
 AUTHORIZED QC MANAGER AT SITE

7/17/08  
 DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY CONTROL MANAGER

DATE

**FIGURE 7 - CONTRACTOR PRODUCTION REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 1 DATE 7/22/08  
REPORT NO. 027

CONTRACT NO. N40085-07-D-1905 TASK ORDER NO. 0006 TITLE AND LOCATION OUI, TRIBUTARY 2 REMEDIAL ACTION

CONTRACTOR: Rhea Engineers and Consultants, Inc. SUPERINTENDENT Brad McCalla of Rhea  
AM WEATHER 70s to 90s (extremely hot + humid by 10:00) PM WEATHER mid 90s, extremely humid MAX TEMP ~ 95 MIN TEMP ~ 75

**WORK PERFORMED TODAY**

WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
<u>~06:00 arrive at MEC trailer</u>	<u>MEC</u>	<u>1</u>	<u>OPER</u>	<u>8.0</u>
<u>~06:15 @ Staging Area 2 - meet w/ Lanier surveying about Floodplain A Excavation</u>	<u>MEC</u>	<u>1</u>	<u>TECH</u>	<u>8.0</u>
<u>~11:00-~11:30 BREAK - EXTREMELY HOT / MUGGY</u>				
<u>~11:30-14:00 Floodplain A Excavation</u>				
<u>Install 2 addtl. sections of silt barrier at western portion of Floodplain A</u>				
<u>Cover stockpiles of waste</u>	<u>RHEA</u>	<u>1</u>	<u>EMGR</u>	<u>10.0</u>

Note: 2 staging waste cells near capacity (each cell ~88' L x 45' W x ~3-4' H)



WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES, attach a copy of the meeting minutes)  YES  NO  
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES, attach a copy of the OSHA Report)  YES  NO  
WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? (If YES, attach a statement or checklist showing inspection performed)  YES  NO  
WAS HAZARDOUS MATERIAL/WASTE RELEASED IN TO THE ENVIRONMENT? (If YES, attach description of incident and proposed action)  YES  NO

TOTAL WORK HOURS ON JOB SITE THIS DATE 26.0  
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT 424  
TOTAL WORK HOURS FROM START OF CONSTRUCTION 71

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTION CONDUCTED  
Tailgate safety meeting on heat exhaustion, heat stress, heat stroke

YES SAFETY REQUIREMENTS HAVE BEEN MET

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB  
NONE

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY  
Excavator 5.5 HRS Articulating Dump 4.0 HRS 6-inch pump 0 HRS  
FEL 1.0 HRS IR Forklift 2.0 HRS (moving silt barriers + matting from MEC to Staging Area 2)

REMARKS  

- Heavy rains over previous weekend, water in Floodplains B + A
- meeting w/ Lanier Surveying (Dave (Kriegler) @ ~06:15 to reset/check Corner Pts at Floodplain A + to ck pts at stream sections T3 + T4. Corner Pt A6 incorrect + was moved, A5 also moved slightly. Lanier using GPS to reset + ck pts. Corner Pts A3 were reset (destroyed during clearing).
- Transported ~8 loads of waste to Staging Area 2 cell (~60 cy)
- BAM collected disposal sample T2-DISPOSAL-S-3 (DISPOSAL sample #3) - contacted Jean Dent Smith of Accutest to inform of incoming sample, sample sent out via FedEx Brad A McCalla 7/22/08
- BAM contacts Rob Finley about setting up after hour work CONTRACTOR'S SUPERINTENDENT DATE

for 7/23/08 - RF (MEC) sets up work for 7/23/08 PM (move addtl. barricades to create new staging cell) ~7.5 cy per truckload



**FIGURE 7 - CONTRACTOR PRODUCTION REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 1 DATE 7/23/08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

TITLE AND LOCATION  
OUI, TRIBUTARY 2 REMEDIAL ACTION

REPORT NO.  
028

CONTRACTOR: Rhēa Engineers and Consultants, Inc.

SUPERINTENDENT

Brad McCalla of Rhēa

AM WEATHER  
70s to 80s

PM WEATHER  
80s to ~90° F *Some T-storms*

MAX TEMP  
~90

MIN TEMP  
~75

**WORK PERFORMED TODAY**

TIME	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
~13:00	ARRIVE @ MEC trailer - prep for day	MEC	1	OPER	8.0
~13:30	ARRIVE @ Job site - install addtl. silt banner near Corner Pt A1	MEC	1	TECH	8.0
~15:30	leave site for fuel				
~16:30	Begin moving barriers - 3 barriers				
~17:00	Cease moving barriers - see remark below				
~18:00	move existing barriers + construct 32'w x 56'L staging cell #3				
~19:00	Begin transporting Floodplain A soils to staging cell 3	RHEA	1	ENGR	8.0 on site
~20:15	cease exc. @ FP-A, cover soil stockpiles, scrape spillage from parking area				
~21:00	leave site for day				



WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES, attach a copy of the meeting minutes)  YES  NO

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES, attach a copy of the OSHA Report)  YES  NO

WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? (If YES, attach a statement or checklist showing inspection performed)  YES  NO

WAS HAZARDOUS MATERIAL/WASTE RELEASED IN TO THE ENVIRONMENT? (If YES, attach description of incident and proposed action)  YES  NO

TOTAL WORK HOURS ON JOB SITE THIS DATE: 24.0  
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT: ~~18.0~~  
TOTAL WORK HOURS FROM START OF CONSTRUCTION: ~~18.0~~

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTION CONDUCTED

Tailgate safety meeting on trip hazards (slippery surfaces, mats)

YES SAFETY REQUIREMENTS HAVE BEEN MET

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

4 Rolls Poly purchased 101 gallons diesel purchased

Note: Moved barriers (8) from NE perimeter of staging area + used for cell #3

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY

Excavator (2.0) HRS (exc. FPA) IR Forklift (2.0) HRS 6-inch pump (0) HRS  
FEL (1.0) HRS Misc. use Art. Dump (2.0) HRS (exc. FPA) Trailer (2.0) HRS

Placed straw bales along E perimeter as barrier to stop protestors from entering area w/ vehicles

REMARKS

- Call to Clay Hanes - Carolina Mat + informed that Rhēa needs 30 10'x14' pulpwood mats by early next week
- Call to ELSD (Erica Delattre - Phd PM) + informs that 4 military vehicles parked alongside staging area 2 + are parked where BAM had planned on creating 3<sup>rd</sup> staging cell for waste. ELSD contacts major Sergeant Taylor + vehicles moved
- Joey Campbell (PolCC) arrives at site @ ~17:00 + informs BAM that BAM not permitted to use jersey barriers that made barriers but not been paid yet. BAM shuts down after hrs work moving addtl. barricades (moved 3 barricades from yard). BAM alerts ELSD of situation.

CONTRACTOR'S SUPERINTENDENT

DATE 7/23/08

5-7 1.5 cy buckets/load

- Transported ~90 (estimated) cy from Floodplain A to Staging cell #3

15 total barriers site  
4 cell 3  
10x2 cell 1  
10x2 cell 2  
Joey Campbell PolCC

7  
18  
7

45

**FIGURE 8 - CONTRACTOR QUALITY CONTROL REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 1

DATE 7/23/08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

CONTRACTOR  
Rhea Engineers and Consultants, Inc.

PHASE	Y - YES, N - NO, SEE REMARKS BLANK - NOT APPLICABLE	
P	THE PLANS AND SPECS HAVE BEEN REVIEWED	
R	THE SUBMITTALS HAVE BEEN APPROVED	
P	MATERIALS COMPLY WITH APPROVED SUBMITTALS	
A	MATERIALS STORED PROPERLY	
R	TESTING PLAN HAS BEEN REVIEWED	
A	WORK METHOD AND SCHEDULE DISCUSSED	

IDENTIFY DEFINABLE FEATURES OF WORK, LOCATION, AND LIST PERSONNEL PRESENT  
**EXCAVATION @ Floodplain A**

I N I T I A L	PRELIMINARY WORK WAS DONE CORRECTLY	Yes
	SAMPLE HAS BEEN PREPARED/APPROVED	—
	WORKMANSHIP IS SATISFACTORY	Yes
	TEST RESULTS ARE ACCEPTABLE	—
	WORK IS IN COMPLIANCE WITH THE CONTRACT	Yes

Transported ~90 cy waste to Staging Cell # 3

Spot checking performed w/ ROD to ck exc. depth for operator by BMM, final verifications not yet performed

TESTING PERFORMED AND WHO PERFORMED TEST

BMM  
(BRAD A McALLA)  
RHEA ENGINEERS + CONSULTANTS

F O L L O W  U P	WORK COMPLIES WITH CONTRACT AS APPROVED IN INITIAL PHASE	
	COMPLETION INSPECTION	

TESTING PERFORMED AND WHO PERFORMED TEST

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

On behalf of the contractor, I certify that this report is complete and correct and equipment and materials used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Brad A McAlla  
AUTHORIZED QC MANAGER AT SITE

7/23/08  
DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY CONTROL MANAGER

DATE

**FIGURE 7 - CONTRACTOR PRODUCTION REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET L of L DATE 7/24/08

CONTRACT NO. N40085-07-D-1905 TASK ORDER NO. 0006 TITLE AND LOCATION OUI, TRIBUTARY 2 REMEDIAL ACTION REPORT NO. 029

CONTRACTOR: Rhea Engineers and Consultants, Inc. SUPERINTENDENT Brad McCalla of Rhea  
AM WEATHER (Slight rain in AM) Mid 70s to 80s PM WEATHER 80s Clear, sunny, humid MAX TEMP ~87 F MIN TEMP ~75 F

**WORK PERFORMED TODAY**

WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
<u>~06:00 ARRIVE @ MEC</u>	<u>MEC</u>	<u>1</u>	<u>OPER</u>	<u>10.0</u>
<u>~06:15 ARRIVE @ Staging Area 2 (Floodplain A)</u>	<u>MEC</u>	<u>1</u>	<u>TECH</u>	<u>8.0</u>
<u>~06:30 Begin transporting FPA waste to staging area (call # 3)</u>				
<u>~11:30 lunch break</u>				
<u>~12:00 - 14:00 transport addtl. FP-A waste to staging area (call # 3)</u>				
<u>~14:30 - 15:30 Verification of Floodplain A - 2.0' section</u>				
<u>~15:30 - 16:00 Cover stockpiles, leave site for day</u>	<u>RHEA</u>	<u>1</u>	<u>ENGR</u>	<u>10.0</u>
				<u>on site</u>



YES  NO WAS A JOB SAFETY MEETING HELD THIS DATE?  
 (If YES, attach a copy of the meeting minutes)  
 YES  NO WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?  
 (If YES, attach a copy of the OSHA Report)  
 YES  NO WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE?  
 (If YES, attach a statement or checklist showing inspection performed)  
 YES  NO WAS HAZARDOUS MATERIAL/WASTE RELEASED IN TO THE ENVIRONMENT?  
 (If YES, attach description of incident and proposed action)

TOTAL WORK HOURS ON JOB SITE THIS DATE 26.0  
 CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT 17.0  
 TOTAL WORK HOURS FROM START OF CONSTRUCTION 43.0

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTION CONDUCTED

Tailgate safety meeting - lightning

Inform MEC to wear hard hats at all times when outside of equipment, + to wear seat belts at all times while operating equipment

YES SAFETY REQUIREMENTS HAVE BEEN MET

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

NONE

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBER OF HOURS USED TODAY

Excavator (7.0) HRS exc. Art. Dump Truck (7.0) HRS exc. 6-mch pump (0) HRS

FEL 1.0 HRS (misc) IR FORKLIFT 1.0 HRS (misc)

REMARKS

- Stephen Khuzkian (SK-MEC TECH) not on-site, James Salins (JS-MEC TECH) on project beginning @ ~08:00, leaves @ ~14:00
- Heavy rains apparent early this AM (prior to arrival at site @ ~06:00)
- meet w/ Conrad Gillan (Construction Rep) on site about 7/23/08 issue w/ barricades, CG informs BAM that BAM can get addtl. barricades at Duffy Pond if needed - explains that MEC did have permission to get the new barricades from C-construction superintendent but C-construction super has since been fired. BAM informs CG that Rhea has 45 barricades on site
- Disposal sample T2-DISPOSAL-S-4 collected @ 14:00, delivered to FedEx @ ~18:00 for overnight delivery to Accutest

Brad A McCall CONTRACTOR'S SUPERINTENDENT DATE 7/24/08

• TRUCK loads 4 buckets per load 1.5 cu bucket (4) = ~6 cu analysis for TCLP + CERCLA Characteristics waste class.

~20 loads (~6 cu) = (~120 cu) transported to call #3 @ Staging Area 2

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**FIGURE 8 - CONTRACTOR QUALITY CONTROL REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 2 of 2 DATE 7/24/08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

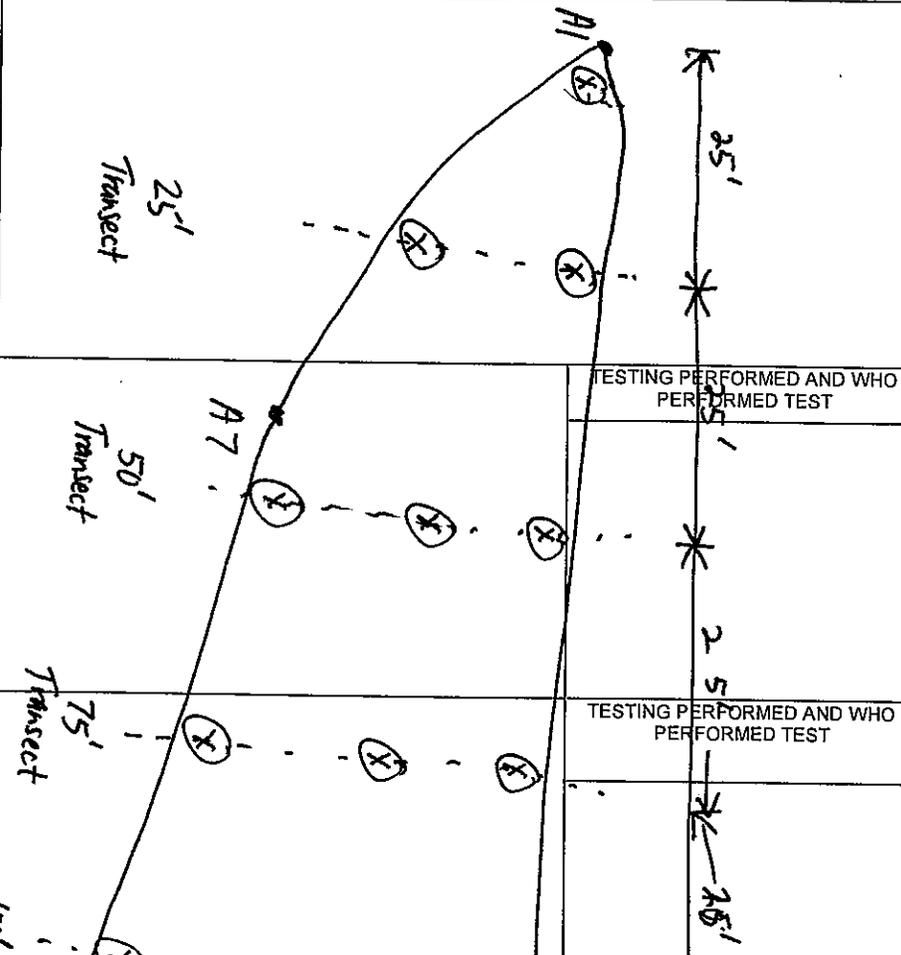
CONTRACTOR  
Rhea Engineers and Consultants, Inc.

PHASE Y - YES, N - NO, SEE REMARKS  
BLANK - NOT APPLICABLE IDENTIFY DEFINABLE FEATURES OF WORK, LOCATION, AND LIST PERSONNEL PRESENT

P R E P A R A T O R Y	THE PLANS AND SPECS HAVE BEEN REVIEWED	
	THE SUBMITTALS HAVE BEEN APPROVED	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	
	MATERIALS STORED PROPERLY	
	TESTING PLAN HAS BEEN REVIEWED	
	WORK METHOD AND SCHEDULE DISCUSSED	

I N I T I A L	PRELIMINARY WORK WAS DONE CORRECTLY	
	SAMPLE HAS BEEN PREPARED/APPROVED	
	WORKMANSHIP IS SATISFACTORY	
	TEST RESULTS ARE ACCEPTABLE	
	WORK IS IN COMPLIANCE WITH THE CONTRACT	

F O L L O W U P	WORK COMPLIES WITH CONTRACT AS APPROVED IN INITIAL PHASE	
	COMPLETION INSPECTION	



REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

*Fourteen locations checked  
all locations  $\geq 24"$   
exc. depth*

REMARKS:  
On behalf of the contractor, I certify that the report is complete and correct and equipment and materials used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

*Brian A. McE...*  
AUTHORIZED QC MANAGER AT SITE DATE 7/24/08

GOVERNMENT QUALITY ASSURANCE REPORT DATE

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

GOVERNMENT QUALITY CONTROL MANAGER DATE

**FIGURE 7 - CONTRACTOR PRODUCTION REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 1 DATE 7/25/08  
REPORT NO. 030

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

TITLE AND LOCATION  
OUI, TRIBUTARY 2 REMEDIAL ACTION

CONTRACTOR: Rhēa Engineers and Consultants, Inc.

SUPERINTENDENT Brad McCalla of Rhēa

AM WEATHER ~75 to 80s

PM WEATHER 80s

MAX TEMP ~89

F

MIN TEMP ~75

F

**WORK PERFORMED TODAY**

WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
~06:00 ARRIVE @ MEC trailer	MEC	L	OPER	10.0
~06:15 ARRIVE @ jobsite, view Floodplain A				
~06:45 BAM picks up addtl. poly for job				
~07:00 Cell #3 extended ~20', now ~80' L x 32' W				
~07:30 Transport Floodplain A waste to cell #3				
~08:30 Cell #3 extended ~25', now 105' L x 32' W				
~11:00 lunch break				
~11:30 - Resume exc. @ Floodplain A, transport waste to cell #3	RHEA	1	ENGR	10.0
~13:00 - ~13:30 Verify Floodplain A - 30" section				
~13:30 scrape off parking lot				
~14:00 Cover stockpiles ~15:00 - 16:00 site cleanup (BAM off-site delivery sample to Fedex)				



WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES, attach a copy of the meeting minutes)  YES  NO

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES, attach a copy of the OSHA Report)  YES  NO

WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? (If YES, attach a statement or checklist showing inspection performed)  YES  NO

WAS HAZARDOUS MATERIAL/WASTE RELEASED IN TO THE ENVIRONMENT? (If YES, attach description of incident and proposed action)  YES  NO

TOTAL WORK HOURS ON JOB SITE THIS DATE 20.0

CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT 500

TOTAL WORK HOURS FROM START OF CONSTRUCTION 500

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTION CONDUCTED

Safety meeting on chemicals of concern  
PAHs, heavy metals, SVOCs  
wear overboots + nitrile gloves while uncovering/covering piles

YES SAFETY REQUIREMENTS HAVE BEEN MET

Decom boots upon exit of excavation  
(Boot wash/wipe set up at area previously)

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

Poly 3 rolls purchased

BAM informs MEC that MEC employees to operate heavy equipment at minimal speed while on base roadways + on site (~10 mph).

Including 7/25/08, ~500 cu exc. from Floodplain A to date ~95% complete

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY INCLUDE NUMBER OF HOURS USED TODAY

Excavator 4.5 HRS Art. Dump 4.5 HRS 6-inch pump 0 HRS  
FEL 0.5 HRS IR Forklift 0 HRS

REMARKS

- Stephan Khuzlian (SK-MEC) not on site
- Stream cloudy - possible discharge?
- BAM leaves message for Dave Engelhard (So Weigh Master) that Rhēa plans on loading out waste from TRB 2 project next week.
- Floodplain A Exc. complete (except for ~3' along streambank left in place as barrier so exc. water would not enter stream), 9 locations of 30" removal section verified @ Z 30"
- BAM collects disposal soil sample T2-DISPOSAL-S-5 (analysis will be for TCLP, PCEA characteristics, TPH-DPO and TPH-GRO)
- BAM speaks to Carolina Mat Rep - 30 mats to be delivered on 7/28/08 (~12:00 was conversation)

Brad A. McCalla 7/25/08  
CONTRACTOR'S SUPERINTENDENT DATE

- BAM drops off disposal sample T2-DISPOSAL-S-5 @ Fedex pickup location in Havelock at 16:00
- BAM contacts Jean Dent Smith of Accutest, result for T2-DISPOSAL-S-2 has been emailed to BAM
- Production ~15 truckloads waste transported to staging cell (~6 buckets) (1.5 cu/haul) @ 185 cu

**FIGURE 8 - CONTRACTOR QUALITY CONTROL REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 1 DATE 7/25/08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

CONTRACTOR  
Rhea Engineers and Consultants, Inc.

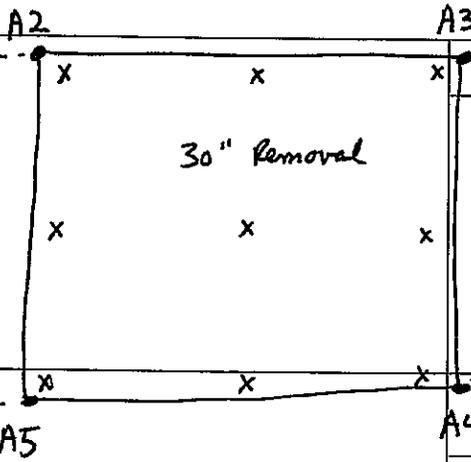
P R E P A R A T O R Y	Y - YES, N - NO, SEE REMARKS BLANK - NOT APPLICABLE	
	THE PLANS AND SPECS HAVE BEEN REVIEWED	
	THE SUBMITTALS HAVE BEEN APPROVED	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	
	MATERIALS STORED PROPERLY	
	TESTING PLAN HAS BEEN REVIEWED	
	WORK METHOD AND SCHEDULE DISCUSSED	

IDENTIFY DEFINABLE FEATURES OF WORK, LOCATION, AND LIST PERSONNEL PRESENT  
**FLOODPLAIN A - 30" EXCAVATION VERIFICATION**

BRAD A MCLALLA (BAM - RHEA ENGR) } ON-SITE  
MATT SNIDER (MS - MEC OPER) }

FLOODPLAIN A

I N I T I A L	PRELIMINARY WORK WAS DONE CORRECTLY	YES
	SAMPLE HAS BEEN PREPARED/APPROVED	—
	WORKMANSHIP IS SATISFACTORY	YES
	TEST RESULTS ARE ACCEPTABLE	YES
	WORK IS IN COMPLIANCE WITH THE CONTRACT	YES



TESTING PERFORMED AND WHO PERFORMED TEST  
BAM/MEC verified exc @ Floodplain A (30" section) using ROD marked @ 30" - 9 locations verified @ ≥ 30"

F O L L O W U P	WORK COMPLIES WITH CONTRACT AS APPROVED IN INITIAL PHASE	
	COMPLETION INSPECTION	

See "AREA 3 LIMITS OF REMOVAL" DRAWING SC of Final WORK PLAN

TESTING PERFORMED AND WHO PERFORMED TEST

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

PHOTOS of each location ("x") taken to document completion of removal

REMARKS:

BAM informs MS to pick up any trash on site + properly dispose of + that site to be kept tidy.

On behalf of the contractor, I certify that this report is complete and correct and equipment and materials used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Brad A McCall  
AUTHORIZED QC MANAGER AT SITE

7/25/08  
DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY CONTROL MANAGER

DATE

FIGURE 7 - CONTRACTOR PRODUCTION REPORT (ATTACH ADDITIONAL SHEET IF NECESSARY)			SHEET <u>1</u> of <u>2</u>	DATE <u>7/28/08</u>	
CONTRACT NO. N40085-07-D-1905	TASK ORDER NO. 0006	TITLE AND LOCATION OUI, TRIBUTARY 2 REMEDIAL ACTION	REPORT NO. 031		
CONTRACTOR: <u>Rhea Engineers and Consultants, Inc.</u>		SUPERINTENDENT <u>Brad McCalla of Rhea</u>			
AM WEATHER <u>Heavy early AM T-storm 70s-80s</u>	PM WEATHER <u>80s to ~90'</u>	MAX TEMP <u>~90'</u>	F	MIN TEMP <u>~75-77</u>	
WORK PERFORMED TODAY					
WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS	
<u>~06:00 ARRIVE @ MEC trailer</u>	<u>MEC</u>	<u>1</u>	<u>OPER</u>	<u>11.0</u>	
<u>~06:15 ARRIVE @ staging area 2 - ck Floodplains B+A</u>	<u>MEC</u>	<u>1</u>	<u>TECH</u>	<u>11.0</u>	
<u>~07:00 Reinstallation of E+S Controls, Backfill of Floodplain A</u>					
<u>~11:30 lunch break</u>					
<u>~12:00 - resume backfill @ Floodplain A</u>					
<u>16:45 Repair stream bank at Floodplain B (water subsided enough so not running from TRB to FPB)</u>					
<u>~17:00 Leave site for day</u>					
<u>Note: Floodplain A B/F w/ #5 stone ~90% complete</u>		<u>RHEA</u>	<u>1</u>	<u>ENGR 11.0</u>	
<b>JOB SAFETY</b>	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES, attach a copy of the meeting minutes)	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	TOTAL WORK HOURS ON JOB SITE THIS DATE	<u>33.0</u>
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES, attach a copy of the OSHA Report)	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	<u>88.0</u>
	WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? (If YES, attach a statement or checklist showing inspection performed)	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION	<u>90.0</u>
	WAS HAZARDOUS MATERIAL/WASTE RELEASED IN TO THE ENVIRONMENT? (If YES, attach description of incident and proposed action)	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO		
LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTION CONDUCTED			<input checked="" type="checkbox"/> YES	SAFETY REQUIREMENTS HAVE BEEN MET	
<u>Safety meeting on operator safety - pinch points, blind spots, be aware of other personnel on site</u>					
EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB					
<u>Truck mats / Road mats 30 delivered by Carolina Mat</u>					
CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY					
<u>Excavator ~ 8.0 HRS      Articulating Truck ~ 8.0 HRS      6-inch pump 0 HRS</u>					
<u>FEL ~ 8.0 HRS      FORKLIFT ~ 1 HR (unload mats)</u>					
REMARKS					
<ul style="list-style-type: none"> <li><u>Heavy Rain/T-storms ~04:00 - ~06:00, Floodplains B+A completely flooded, EROSION CONTROL SOCKS uplifted + moved in places, mats washed to west end of Floodplain A, Floodplain A control socks reinstalled.</u></li> <li><u>BAM cks Floodplain C + stream Removal section T1 - small piece of ECB pulled up + BAM installs additi. Staples to fasten to bank, Tesoro construction on-site preparing to do work on walking bridge - will put exc. through Access Area 2</u></li> <li><u>BAM contacts Lucas Norris (LN - Republic - Disposal facility) + LN has rec'd analytical results for T2-DISPOSAL-S-Sample + has forwarded to appropriate in-house personnel for approval - will contact BAM once approval granted at BAM request</u></li> </ul>					
<u>Brad A McCalla</u>				<u>7/28/08</u>	
CONTRACTOR'S SUPERINTENDENT				DATE	

**FIGURE 7 - CONTRACTOR PRODUCTION REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 2 of 2

DATE 7/28/08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

TITLE AND LOCATION  
OUI, TRIBUTARY 2 REMEDIAL ACTION

REPORT NO.  
031

CONTRACTOR: Rhêa Engineers and Consultants, Inc.

SUPERINTENDENT Brad McCalla of Rhêa

AM WEATHER

PM WEATHER

MAX TEMP

F

MIN TEMP

F

**WORK PERFORMED TODAY**

WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
SEE SHEET				



WAS A JOB SAFETY MEETING HELD THIS DATE?  
(If YES, attach a copy of the meeting minutes)

YES

NO

TOTAL WORK HOURS ON  
JOB SITE THIS DATE

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?  
(If YES, attach a copy of the OSHA Report)

YES

NO

CUMULATIVE TOTAL OF  
WORK HOURS FROM  
PREVIOUS REPORT

WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE?  
(If YES, attach a statement or checklist showing inspection performed)

YES

NO

TOTAL WORK  
HOURS FROM START  
OF CONSTRUCTION

WAS HAZARDOUS MATERIAL/WASTE RELEASED IN TO THE ENVIRONMENT?  
(If YES, attach description of incident and proposed action)

YES

NO

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTION CONDUCTED

SAFETY REQUIREMENTS  
HAVE BEEN MET

SEE SHEET 1

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

SEE SHEET 1

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY

SEE SHEET 1

**REMARKS**

- BAM contacts Dave Engelhard (DE-MCAS Scale Master) about loading out waste this week from TRIB 2 project. DE not available on 7/29/08. BAM sets up loadout for Wednesday, 7/30/08. DE to arrive on-base at ~06:00 on 7/30/08. 13 signed manifests remaining per DE for loadout
- BAM contacts ELSO (ERICA Paletto/Rhea PM) + informs that addtl. signed manifests will be needed as only 13 remaining w/ J. Christophers signature (JC-MCAS EAO). ELSO to contact JC to sign addtl. manifests.
- BAM contacts Dan Sable (DS-Sunland) + makes order for 400 tons #5 rock for 7/29/08.
- Repaired streambank along Floodplain B w/ clean topsoil + reinstalled sit boom
- ~15:00 BAM receives call from LN stating approval granted for soil used associated w/ TR-DISPOSAL-5-2 + 6 trucks scheduled for 7/30/08 @ ~06:00 at weigh station

*Brad A. McCalla*  
CONTRACTOR'S SUPERINTENDENT

7/28/08  
DATE

BAM contacts Accutest labs (Sean Smith) + requests that SS keep BAM updated w/ when sampling results for addtl. disposal samples will be completed.

NAVFAC-1905/367/Reports/R9/Figures/Fig 7 CONTRACT NO. N40085-07-D-1905, CTO 0006

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**FIGURE 8 - CONTRACTOR QUALITY CONTROL REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 6 DATE 7/28/08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

CONTRACTOR  
Rhea Engineers and Consultants, Inc.

P R E P A R A T O R Y	Y - YES, N - NO. SEE REMARKS BLANK - NOT APPLICABLE	
	THE PLANS AND SPECS HAVE BEEN REVIEWED	
	THE SUBMITTALS HAVE BEEN APPROVED	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	
	MATERIALS STORED PROPERLY	
	TESTING PLAN HAS BEEN REVIEWED	
	WORK METHOD AND SCHEDULE DISCUSSED	

IDENTIFY DEFINABLE FEATURES OF WORK, LOCATION, AND LIST PERSONNEL PRESENT  
**FLOODPLAIN A BACKFILL w/ #5 STONE**

PREP meeting for placing #5 stone backfill w/ BRAD A McCall (BAM-Rhea Engr), Stephen Khuzkhan (SK-MEC Tech), + Matt Snider (MS-MEC Operator)  
BAM informs MEC that #5 stone to be placed to w/in 12-inches of pre-exc. elevations.

PAT

I N I T I A L	PRELIMINARY WORK WAS DONE CORRECTLY	YES
	SAMPLE HAS BEEN PREPARED/APPROVED	—
	WORKMANSHIP IS SATISFACTORY	YES
	TEST RESULTS ARE ACCEPTABLE	—
	WORK IS IN COMPLIANCE WITH THE CONTRACT	YES

TESTING PERFORMED AND WHO PERFORMED TEST

F O L L O W U P	WORK COMPLIES WITH CONTRACT AS APPROVED IN INITIAL PHASE	
	COMPLETION INSPECTION	

TESTING PERFORMED AND WHO PERFORMED TEST

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

- Repair Floodplain B streambank where bank washed out - repaired by placing clean off site topsoil
- Reinstall ECB in areas along Floodplain C streambank

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

All COMPLETED

REMARKS:

- Silt barriers along FPlains B + A uplifted +/or removed in areas due to extremely heavy T-stream this AM runoff from parking lots entering stream at T1 and T2
- Minor scratches at NE Corner of Staging Area 2 asphalt from unloading truck mats

On behalf of the contractor, I certify that this report is complete and correct and equipment and materials used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

*Brad A McCall*  
AUTHORIZED QC MANAGER AT SITE

7/28/08  
DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY CONTROL MANAGER

DATE

**FIGURE 7 - CONTRACTOR PRODUCTION REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of     DATE 7/29/08

CONTRACT NO. N40085-07-D-1905 TASK ORDER NO. 0006 TITLE AND LOCATION OUI, TRIBUTARY 2 REMEDIAL ACTION REPORT NO. 032

CONTRACTOR: Rhea Engineers and Consultants, Inc. SUPERINTENDENT Brad McCalla of Rhea  
AM WEATHER MUGGY mid/high 70s-80s PM WEATHER HIGH 80s, overcast, muggy MAX TEMP ~88-90° F MIN TEMP ~75° F

**WORK PERFORMED TODAY**

WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
<u>~06:00 ARRIVE @ MEC</u>	<u>1</u>	<u>MGC</u>	<u>OPER</u>	<u>11.0</u>
<u>~06:15 ARRIVE @ Staging Area 2</u>	<u>1</u>	<u>MEC</u>	<u>TECH</u>	<u>11.0</u>
<u>~06:30 Backfill Floodplain A w/ #5 STONE</u>				
<u>~08:30 BAM/MS leave site for fuel/hydraulic oil</u>				
<u>SK dropped off + picks up VAC truck</u>				
<u>~10:00 Fuel up equipment + add hydraulic oil to Exc, open up stockpile in cell #1 to dry out</u>				
<u>~11:00 lunch break, LNORRIS on site for 7/30/08 loadout</u>				
<u>~11:30 VAC truck water dumped at system, BAM/LN to Scale House</u>				
<u>~13:00 move pump to T3 stream removal, set up hoses</u>	<u>1</u>	<u>RHEA</u>	<u>ENGR</u>	<u>11.0</u>
<u>~14:30 make addtl sand bags for T3 pump around</u>				
<u>~16:00 cover stockpile</u>				
<u>~17:00 leave site for day</u>				



WAS A JOB SAFETY MEETING HELD THIS DATE?  YES  NO  
 (If YES, attach a copy of the meeting minutes)  
 WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?  YES  NO  
 (If YES, attach a copy of the OSHA Report)  
 WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE?  YES  NO  
 (If YES, attach a statement or checklist showing inspection performed)  
 WAS HAZARDOUS MATERIAL/WASTE RELEASED IN TO THE ENVIRONMENT?  YES  NO  
 (If YES, attach description of incident and proposed action)

TOTAL WORK HOURS ON JOB SITE THIS DATE 33.0  
 CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT 1186  
 TOTAL WORK HOURS FROM START OF CONSTRUCTION 1186

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTION CONDUCTED YES SAFETY REQUIREMENTS HAVE BEEN MET  
Tailgate meeting on hazardous flora + fauna  
Turtles specifically discussed - handling + relocation procedures

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB  
Excavator 1.5 HRS      Articulating Dump Truck 1.5 HRS      6-inch pump 0 HRS  
FEL 1.5 HRS      FORKLIFT 2.0 HRS      Vac Truck 2.0 HRS  
Exc ↓ for repair has hydraulic issue      ~1500 gallons pumped from stockpile

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY  
Diesel fuel ~80 gallons  
Hydraulic fluid

REMARKS  
 • Call to Gates Southland (GS-NEFF) about having to put 20 gallons hydraulic oil in Kobelco exc. GS to send mechanic to site  
 • Lucas Norris (LN- Lepidoptera) on site + meets w/ BAM (near Floodplain B)  
 • Large snapping turtle moved from work area + placed downstream of FP-A using excavator  
 • Reset T3-1 90' E of T3-2  
 • BAM/LN stop @ scales - Dave Engelhard (DE - Weigh Master) not on site at ~12:00  
 • NEFF mechanic on site to repair Kobelco exc. (~14:30-17:00) Brad A McCalla  
 • BAM leaves message for Dave Engelhard (MEAS Weigh Master) 7/29/08  
 CONTRACTOR'S SUPERINTENDENT      DATE

that loadout for 06:00 7/30/08 as BAM had previously indicated to DE  
 • Erica Relatve (ELSD-Rhea PM), Bill Hannah (BH-CHZM HILL), + Jan Nielson (US Navy) on site ~15:30-  
 NAVFAC-1905/367/Reports/R9/Figures/Fig 7      CONTRACT NO. N40085-07-D-1905, CTO 0006 16:00  
 • Fox on-site late PM, SK leaves message w/ game warden

**FIGURE 7 - CONTRACTOR PRODUCTION REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 2 of 2

DATE 7/29/08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

TITLE AND LOCATION  
OUI, TRIBUTARY 2 REMEDIAL ACTION

REPORT NO.  
032

CONTRACTOR: Rhea Engineers and Consultants, Inc.

SUPERINTENDENT Brad McCalla of Rhea

AM WEATHER

PM WEATHER

MAX TEMP

F

MIN TEMP

F

**WORK PERFORMED TODAY**

WORK LOCATION AND DESCRIPTION

EMPLOYER

NUMBER

TRADE

HRS

SEE PAGE 1



WAS A JOB SAFETY MEETING HELD THIS DATE?  
(If YES, attach a copy of the meeting minutes)

YES

NO

TOTAL WORK HOURS ON  
JOB SITE THIS DATE

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?  
(If YES, attach a copy of the OSHA Report)

YES

NO

CUMULATIVE TOTAL OF  
WORK HOURS FROM  
PREVIOUS REPORT

WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE?  
(If YES, attach a statement or checklist showing inspection performed)

YES

NO

TOTAL WORK  
HOURS FROM START  
OF CONSTRUCTION

WAS HAZARDOUS MATERIAL/WASTE RELEASED IN TO THE ENVIRONMENT?  
(If YES, attach description of incident and proposed action)

YES

NO

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTION CONDUCTED

SAFETY REQUIREMENTS  
HAVE BEEN MET

ADDL. REMARKS

ELSD, BM, JN, BMM walk Staging AREA 1 + notice TESORAS exc. on site sitting  
directly on asphalt. Asphalt curb damaged in multiple places + track marks  
on asphalt.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY

REMARKS

*Brad McCalla*

CONTRACTOR'S SUPERINTENDENT

7/29/08  
DATE

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**FIGURE 8 - CONTRACTOR QUALITY CONTROL REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 1 DATE 7/29/08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

CONTRACTOR  
Rhea Engineers and Consultants, Inc.

PHASE	Y - YES, N - NO, SEE REMARKS BLANK - NOT APPLICABLE	
P R E P A R A T O R Y	THE PLANS AND SPECS HAVE BEEN REVIEWED	YES
	THE SUBMITTALS HAVE BEEN APPROVED	/
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	/
	MATERIALS STORED PROPERLY	/
	TESTING PLAN HAS BEEN REVIEWED	/
	WORK METHOD AND SCHEDULE DISCUSSED	YES

IDENTIFY DEFINABLE FEATURES OF WORK, LOCATION, AND LIST PERSONNEL PRESENT  
**EXCAVATION @ T3**

BRAD McALLA (RHEA), MATT SNIDER (MS-MEC OPER), +  
STEPHAN KNUZIAN (SK-MEC TECH) have prep meeting for T3 excavation

- T3-1 location stake was missing after 7/28/08 rainstorm, T3-1 reset ~40' E of T3-2 (T3-2 still in place)

I N I T I A L	PRELIMINARY WORK WAS DONE CORRECTLY	
	SAMPLE HAS BEEN PREPARED/APPROVED	
	WORKMANSHIP IS SATISFACTORY	
	TEST RESULTS ARE ACCEPTABLE	
	WORK IS IN COMPLIANCE WITH THE CONTRACT	

- BAM clearly shows MEC Eastern + western limits of T3 Excavation
- BAM informs MEC that exc-depth for T3 stream removal 18-inches
- BAM informs MEC that BAM plans on completing exc. + backfill of stream section T3 on 7/30/08

TESTING PERFORMED AND WHO PERFORMED TEST

F O L L O W U P	WORK COMPLIES WITH CONTRACT AS APPROVED IN INITIAL PHASE	
	COMPLETION INSPECTION	

- 6-inch pump + hoses set in position for pump around system
- Silt screen in-place downstream of T3 Removal

TESTING PERFORMED AND WHO PERFORMED TEST

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

On behalf of the contractor, I certify that this report is complete and correct and equipment and materials used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Brad A McAlla  
AUTHORIZED QC MANAGER AT SITE

7/29/08  
DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY CONTROL MANAGER

DATE

**FIGURE 7 - CONTRACTOR PRODUCTION REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 1 DATE 7/30/08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

TITLE AND LOCATION  
OUI, TRIBUTARY 2 REMEDIAL ACTION

REPORT NO.  
033

CONTRACTOR: Rhea Engineers and Consultants, Inc.

SUPERINTENDENT Brad McCalla of Rhea

AM WEATHER  
70s to 80s

PM WEATHER  
80s to ~93

MAX TEMP  
93°

MIN TEMP  
~75

**WORK PERFORMED TODAY**

WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
~06:00 ARRIVE @ MEC, then to site	MEC	1	OPER	11-0
~06:15 TRUCKS (for loadout) arrive on site - 4 from Baysden	MEC	1	Tech	11-0
~06:30 MEC begins loading trucks w/ exc. soil from pile T2-D15 POSAL-S-2				
~08:00 6 truckloads waste - left site for disposal by at latest ~08:20 (4 from Baysden, 2 from Waters + Waters)				
~08:15 MEC set up pump around system @ T3 stream removal				
~11:30 Pumping T3 Exc.				
~12:00 loadout of 5 addtl. trucks waste	RHEA	1	ENGR	11-0
~14:00 (resume T3 Exc.)				
~15:30 T3 Verification, then T3 Backfill ~17:40 leave site for day				



WAS A JOB SAFETY MEETING HELD THIS DATE?  
(If YES, attach a copy of the meeting minutes)

YES  NO

TOTAL WORK HOURS ON JOB SITE THIS DATE **33.0**

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?  
(If YES, attach a copy of the OSHA Report)

YES  NO

CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT

WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE?  
(If YES, attach a statement or checklist showing inspection performed)

YES  NO

TOTAL WORK HOURS FROM START OF CONSTRUCTION

WAS HAZARDOUS MATERIAL/WASTE RELEASED IN TO THE ENVIRONMENT?  
(If YES, attach description of incident and proposed action)

YES  NO

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTION CONDUCTED

YES

SAFETY REQUIREMENTS HAVE BEEN MET

Tailgate safety meeting on heat stress, heat exhaustion, heat stroke

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

4# Rolls poly

Note: removal of ~20 cy matl. from streambank + placed in staging cell along T3 exc.

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY

Excavator ~4 HRS

Forklift ~1 HRS

6-inch pump 8 HRS

FEL ~4 HRS

Articulating Dumptruck ~4 HRS

**REMARKS**

- met w/ Dave Engelhard (DE - NCAS Weigh Master) at ~08:00, informs DE that 6 trucks will return to site this PM to be loaded, informs DE that Rhea will need to haul out next week. DE has addtl. training but should be available a few days
- 3-inch pump not working - drain fuel + oil, ck spark plug, dry out pump + pump operational
- 11 truckloads waste loaded out est. 220 tons to Republic's landfill
- T3 Excavation complete (~70' x 6' W) (1.5' D) = 630 ft<sup>3</sup> (~25 cy)
- T3 Excavation b/l'd w/ clean sand to original grade
- Call to Sunland to order backfill matls for 7/31/08

BRAD MCCALLA  
CONTRACTOR SUPERINTENDENT  
7/30/08  
DATE

**FIGURE 8 - CONTRACTOR QUALITY CONTROL REPORT**

(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 1

DATE 7/30/08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

CONTRACTOR

Rhea Engineers and Consultants, Inc.

PHASE	Y - YES, N- NO, SEE REMARKS BLANK - NOT APPLICABLE	
P	THE PLANS AND SPECS HAVE BEEN REVIEWED	
R	THE SUBMITTALS HAVE BEEN APPROVED	
P	MATERIALS COMPLY WITH APPROVED SUBMITTALS	
A	MATERIALS STORED PROPERLY	
R	TESTING PLAN HAS BEEN REVIEWED	
A	WORK METHOD AND SCHEDULE DISCUSSED	

IDENTIFY DEFINABLE FEATURES OF WORK, LOCATION, AND LIST PERSONNEL PRESENT

**T3 Excavation**  
  
**BRAD MCCALLA (BAM - Rhea Engr)**  
**Matt Snider (MS - MEC Oper)**  
**Stephen Kluckian (SK - MEC Tech)**

I N I T I A L	PRELIMINARY WORK WAS DONE CORRECTLY	
	SAMPLE HAS BEEN PREPARED/APPROVED	
	WORKMANSHIP IS SATISFACTORY	
	TEST RESULTS ARE ACCEPTABLE	
	WORK IS IN COMPLIANCE WITH THE CONTRACT	

**T3 Excavation verified at**  
**min. 18 inch depth using measuring**  
**rod - photos taken at T3-1,**  
**T3-2, + T3-3 to verify**

TESTING PERFORMED AND WHO PERFORMED TEST

**BAM**

F O L L O W  U P	WORK COMPLIES WITH CONTRACT AS APPROVED IN INITIAL PHASE	
	COMPLETION INSPECTION	

TESTING PERFORMED AND WHO PERFORMED TEST

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

**BAM informs MEC to place poly on Floodplain A as BAM notices spillage to store backfill during T3 Excavation. Poly placed as requested.**

On behalf of the contractor, I certify that this report is complete and correct and equipment and materials used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

**Brad A McCall**  
 AUTHORIZED QC MANAGER AT SITE

**7/30/08**  
 DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY CONTROL MANAGER

DATE

**FIGURE 7 - CONTRACTOR PRODUCTION REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 1 DATE 7/31/08  
REPORT NO. 034

CONTRACT NO. N40085-07-D-1905 TASK ORDER NO. 0006 TITLE AND LOCATION OUI, TRIBUTARY 2 REMEDIAL ACTION  
CONTRACTOR: Rhēa Engineers and Consultants, Inc. SUPERINTENDENT Brad McCalla of Rhēa  
AM WEATHER 80° - humid PM WEATHER 95+ very humid MAX TEMP F MIN TEMP F

**WORK PERFORMED TODAY**

WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
06:00 Arrive to MEC, then to site	MEC	1	Operator	10
received 2 loads of rock + 2 loads of sand	MEC	1	Tech	10
prepped excavator site for T4	Rhēa	1	Super	2
backfilled bank along T3 & finalized sand placement on T3	Rhēa	1	PM	8
10:00 - left site	Rhēa	1	New Super	6



YES  NO WAS A JOB SAFETY MEETING HELD THIS DATE?  
 (If YES, attach a copy of the meeting minutes)  
 YES  NO WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?  
 (If YES, attach a copy of the OSHA Report)  
 YES  NO WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE?  
 (If YES, attach a statement or checklist showing inspection performed)  
 YES  NO WAS HAZARDOUS MATERIAL/WASTE RELEASED IN TO THE ENVIRONMENT?  
 (If YES, attach description of incident and proposed action)

TOTAL WORK HOURS ON JOB SITE THIS DATE 36  
 CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT 919  
 TOTAL WORK HOURS FROM START OF CONSTRUCTION 919

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTION CONDUCTED

SAFETY REQUIREMENTS HAVE BEEN MET

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

2 loads gravel  
2 loads of sand

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY

Excavator - 10 hours      articulating dumptruck - 6 hours  
Forklift - 4 hours

REMARKS

cloudy illicit discharge appeared from ≈ 11:00 to ≈ 13:00.  
Site prepped to work on T4 next week  
Backfilled bank for T3.  
Backfilled remaining bed sand for T3.

CONTRACTOR'S SUPERINTENDENT      7/31/08  
 DATE

**FIGURE 8 - CONTRACTOR QUALITY CONTROL REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 1 DATE 7/31/08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

CONTRACTOR  
Rhea Engineers and Consultants, Inc.

PHASE Y - YES, N - NO, SEE REMARKS  
BLANK - NOT APPLICABLE IDENTIFY DEFINABLE FEATURES OF WORK, LOCATION, AND LIST PERSONNEL PRESENT

P R E P A R A T O R Y	THE PLANS AND SPECS HAVE BEEN REVIEWED	
	THE SUBMITTALS HAVE BEEN APPROVED	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	
	MATERIALS STORED PROPERLY	
	TESTING PLAN HAS BEEN REVIEWED	
	WORK METHOD AND SCHEDULE DISCUSSED	

*Prepped for excavation of T4*

I N I T I A L	PRELIMINARY WORK WAS DONE CORRECTLY	
	SAMPLE HAS BEEN PREPARED/APPROVED	
	WORKMANSHIP IS SATISFACTORY	
	TEST RESULTS ARE ACCEPTABLE	
	WORK IS IN COMPLIANCE WITH THE CONTRACT	✓

*Finalized backfill of T3.*

TESTING PERFORMED AND WHO PERFORMED TEST

F O L L O W U P	WORK COMPLIES WITH CONTRACT AS APPROVED IN INITIAL PHASE	
	COMPLETION INSPECTION	

TESTING PERFORMED AND WHO PERFORMED TEST

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

On behalf of the contractor, I certify that this report is complete and correct and equipment and materials used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

*Jim S. DeB...*  
AUTHORIZED QC MANAGER AT SITE

7/31/08  
DATE

**GOVERNMENT QUALITY ASSURANCE REPORT**

DATE

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

GOVERNMENT QUALITY CONTROL MANAGER

DATE

**FIGURE 7 - CONTRACTOR PRODUCTION REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 1

DATE 8/5/08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

TITLE AND LOCATION  
OU1, TRIBUTARY 2 REMEDIAL ACTION

REPORT NO.  
035

CONTRACTOR: Rhēa Engineers and Consultants, Inc.

SUPERINTENDENT

Brad McCalla of Rhēa

AM WEATHER

80's (Humid)

PM WEATHER

90's (Humid)

MAX TEMP

F

MIN TEMP

F

**WORK PERFORMED TODAY**

WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
<u>0600 Arrived at MEC</u>	<u>MEC</u>	<u>1</u>	<u>Operator</u>	<u>10.5</u>
<u>0615 Arrived at jobsite</u>				
<u>Set up pump - dismantled TH arcs</u>	<u>MEC</u>	<u>1</u>	<u>Tech</u>	<u>10.5</u>
<u>Excavated and backfilled TH</u>	<u>RHEA</u>	<u>1</u>	<u>Super</u>	<u>10.5</u>
<u>1630 Left Site</u>				



WAS A JOB SAFETY MEETING HELD THIS DATE?  
(If YES, attach a copy of the meeting minutes)

YES

NO

TOTAL WORK HOURS ON JOB SITE THIS DATE

34.5

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?  
(If YES, attach a copy of the OSHA Report)

YES

NO

CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT

955 98

WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE?  
(If YES, attach a statement or checklist showing inspection performed)

YES

NO

TOTAL WORK HOURS FROM START OF CONSTRUCTION

986.5 101

WAS HAZARDOUS MATERIAL/WASTE RELEASED IN TO THE ENVIRONMENT?  
(If YES, attach description of incident and proposed action)

YES

NO

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTION CONDUCTED

SAFETY REQUIREMENTS HAVE BEEN MET

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY

Excavator 10 Hrs

Dumptruck 8 Hrs.

Forklift 2 Hrs.

Loader 2 Hrs.

REMARKS

CONTRACTOR'S SUPERINTENDENT

8/5/08  
DATE

**FIGURE 8 - CONTRACTOR QUALITY CONTROL REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 1 DATE 8/5/08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

CONTRACTOR  
Rhea Engineers and Consultants, Inc.

PHASE Y - YES, N - NO, SEE REMARKS  
BLANK - NOT APPLICABLE IDENTIFY DEFINABLE FEATURES OF WORK, LOCATION, AND LIST PERSONNEL PRESENT

P R E P A R A T O R Y	THE PLANS AND SPECS HAVE BEEN REVIEWED	
	THE SUBMITTALS HAVE BEEN APPROVED	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	
	MATERIALS STORED PROPERLY	
	TESTING PLAN HAS BEEN REVIEWED	
	WORK METHOD AND SCHEDULE DISCUSSED	

*T4 Excavation and Backfill*

I N I T I A L	PRELIMINARY WORK WAS DONE CORRECTLY	
	SAMPLE HAS BEEN PREPARED/APPROVED	
	WORKMANSHIP IS SATISFACTORY	
	TEST RESULTS ARE ACCEPTABLE	
	WORK IS IN COMPLIANCE WITH THE CONTRACT	

*T4 Excavation verified at 6" depth using measuring rod - photos taken*

TESTING PERFORMED AND WHO PERFORMED TEST

F O L L O W  U P	WORK COMPLIES WITH CONTRACT AS APPROVED IN INITIAL PHASE	
	COMPLETION INSPECTION	

TESTING PERFORMED AND WHO PERFORMED TEST

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

On behalf of the contractor, I certify that this report is complete and correct and equipment and materials used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

*[Signature]*  
AUTHORIZED QC MANAGER AT SITE

8/5/08  
DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY CONTROL MANAGER

DATE

**FIGURE 7 - CONTRACTOR PRODUCTION REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 1

DATE 8/6/08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

TITLE AND LOCATION  
OUI, TRIBUTARY 2 REMEDIAL ACTION

REPORT NO.

CONTRACTOR: Rhea Engineers and Consultants, Inc.

SUPERINTENDENT

Brad McCalla of Rhea

AM WEATHER

80's - Humid

PM WEATHER

90's - Humid

MAX TEMP

F

MIN TEMP

F

**WORK PERFORMED TODAY**

WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
<u>0600 On-Site (Safety Meeting)</u>	<u>MEC</u>	<u>1</u>	<u>Operator</u>	<u>10</u>
<u>0630 - 0800 Loaded Six Trucks for Landfill</u>				
<u>0800 - 0930 Remove Pulp from T4 Area &amp; Cleanup</u>	<u>MEC</u>	<u>1</u>	<u>Tech</u>	<u>10</u>
<u>0930 - 1200 Remove banks from Floodplains A &amp; B</u>				
<u>1200 - 1330 Load Six Trucks for Landfill</u>	<u>Rhea</u>	<u>1</u>	<u>Super</u>	<u>10</u>
<u>1330 - 1500 Backfill bank areas w/ rock from at Floodplains A &amp; B</u>				
<u>1500 - 1600 Remove matting and site cleanup</u>				



WAS A JOB SAFETY MEETING HELD THIS DATE?  
(If YES, attach a copy of the meeting minutes)

YES

NO

TOTAL WORK HOURS ON JOB SITE THIS DATE

30

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?  
(If YES, attach a copy of the OSHA Report)

YES

NO

CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT

986.5 / 101

WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE?  
(If YES, attach a statement or checklist showing inspection performed)

YES

NO

TOTAL WORK HOURS FROM START OF CONSTRUCTION

1016.5 / 104

WAS HAZARDOUS MATERIAL/WASTE RELEASED IN TO THE ENVIRONMENT?  
(If YES, attach description of incident and proposed action)

YES

NO

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTION CONDUCTED

SAFETY REQUIREMENTS HAVE BEEN MET

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

Received 1 load sand and 1 load rock.  
Received approx. 16 loads topsoil

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY

Excavator 10 Hrs.

Dumptruck 4 Hrs.

Forklift 2 Hrs.

Loader 4 Hrs.

REMARKS

CONTRACTOR'S SUPERINTENDENT

8/6/08  
DATE

**FIGURE 8 - CONTRACTOR QUALITY CONTROL REPORT**

(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 1 DATE 8/6/08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

CONTRACTOR  
Rhea Engineers and Consultants, Inc.

PHASE Y - YES, N - NO, SEE REMARKS  
BLANK - NOT APPLICABLE

IDENTIFY DEFINABLE FEATURES OF WORK, LOCATION, AND LIST PERSONNEL PRESENT

P THE PLANS AND SPECS HAVE BEEN REVIEWED  
R THE SUBMITTALS HAVE BEEN APPROVED  
P MATERIALS COMPLY WITH APPROVED SUBMITTALS  
R MATERIALS STORED PROPERLY  
T TESTING PLAN HAS BEEN REVIEWED  
R WORK METHOD AND SCHEDULE DISCUSSED  
Y

Removed & stockpiled bank material from Floodplains A & B. Loaded twelve trucks w/ material for landfill. Backfilled w/ rock bank areas along floodplains A & B.

I PRELIMINARY WORK WAS DONE CORRECTLY  
N SAMPLE HAS BEEN PREPARED/APPROVED  
I WORKMANSHIP IS SATISFACTORY  
I TEST RESULTS ARE ACCEPTABLE  
L WORK IS IN COMPLIANCE WITH THE CONTRACT

TESTING PERFORMED AND WHO PERFORMED TEST

F WORK COMPLIES WITH CONTRACT AS APPROVED IN INITIAL PHASE  
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L COMPLETION INSPECTION  
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TESTING PERFORMED AND WHO PERFORMED TEST

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

On behalf of the contractor, I certify that this report is complete and correct and equipment and materials used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.



8/6/08  
DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY CONTROL MANAGER

DATE

**FIGURE 7 - CONTRACTOR PRODUCTION REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 1 DATE 8/7/03

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

TITLE AND LOCATION  
OUI, TRIBUTARY 2 REMEDIAL ACTION

REPORT NO.

CONTRACTOR: Rhea Engineers and Consultants, Inc.

SUPERINTENDENT Brad McCalla of Rhea

AM WEATHER 80's - Humid

PM WEATHER 90's Humid

MAX TEMP

F

MIN TEMP

F

**WORK PERFORMED TODAY**

WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
<u>0600 - 0615 H&amp;S Meeting</u>	<u>MEC</u>	<u>1</u>	<u>Operator</u>	<u>10</u>
<u>0600 - 0700 Remove Matting from Floodplain A &amp; prep. for Topsoil placement.</u>	<u>MEC</u>	<u>1</u>	<u>Tech</u>	<u>11</u>
<u>0700 - 1700 Topsoil placement (Flood plain A), compaction. Placed erosion control along stream bank at floodplain A.</u>	<u>RHEA</u>	<u>1</u>	<u>Super</u>	<u>11</u>



WAS A JOB SAFETY MEETING HELD THIS DATE?  
(If YES, attach a copy of the meeting minutes)

YES

NO

TOTAL WORK HOURS ON JOB SITE THIS DATE

32

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?  
(If YES, attach a copy of the OSHA Report)

YES

NO

CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT

1016.5

1041

WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE?  
(If YES, attach a statement or checklist showing inspection performed)

YES

NO

TOTAL WORK HOURS FROM START OF CONSTRUCTION

1048.5

107

WAS HAZARDOUS MATERIAL/WASTE RELEASED IN TO THE ENVIRONMENT?  
(If YES, attach description of incident and proposed action)

YES

NO

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTION CONDUCTED

SAFETY REQUIREMENTS HAVE BEEN MET

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

Received ~ 6 loads of topsoil

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY

Dumptruck 4.5 hrs.

Forklift 2 hrs

Excavator 10 hrs.

Loader 4.5 hrs.

REMARKS

Site delivered ten waste manifests to Jeff Christopher (EAD) for signature.

CONTRACTOR'S SUPERINTENDENT

8/7/03  
DATE

**FIGURE 8 - CONTRACTOR QUALITY CONTROL REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 1 DATE 8/7/08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

CONTRACTOR  
Rhea Engineers and Consultants, Inc.

PHASE Y - YES, N - NO, SEE REMARKS  
BLANK - NOT APPLICABLE IDENTIFY DEFINABLE FEATURES OF WORK, LOCATION, AND LIST PERSONNEL PRESENT

P R E P A R A T O R Y	THE PLANS AND SPECS HAVE BEEN REVIEWED	
	THE SUBMITTALS HAVE BEEN APPROVED	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	
	MATERIALS STORED PROPERLY	
	TESTING PLAN HAS BEEN REVIEWED	
	WORK METHOD AND SCHEDULE DISCUSSED	

*Backfilled Floodplain A with topsoil & compacted. Placed erosion matting and booms along stream bank.*

I N I T I A L	PRELIMINARY WORK WAS DONE CORRECTLY	
	SAMPLE HAS BEEN PREPARED/APPROVED	
	WORKMANSHIP IS SATISFACTORY	
	TEST RESULTS ARE ACCEPTABLE	
	WORK IS IN COMPLIANCE WITH THE CONTRACT	

TESTING PERFORMED AND WHO PERFORMED TEST

F O L L O W U P	WORK COMPLIES WITH CONTRACT AS APPROVED IN INITIAL PHASE	
	COMPLETION INSPECTION	

TESTING PERFORMED AND WHO PERFORMED TEST

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

On behalf of the contractor, I certify that this report is complete and correct and equipment and materials used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

*[Signature]*  
AUTHORIZED QC MANAGER AT SITE

8/7/08  
DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY CONTROL MANAGER

DATE

**FIGURE 7 - CONTRACTOR PRODUCTION REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 1 DATE 8/8/08  
REPORT NO.

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

TITLE AND LOCATION  
OUI, TRIBUTARY 2 REMEDIAL ACTION

CONTRACTOR: Rhea Engineers and Consultants, Inc.

SUPERINTENDENT Brad McCalla of Rhea

AM WEATHER High 70's

PM WEATHER High 80's

MAX TEMP

F

MIN TEMP

F

**WORK PERFORMED TODAY**

WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
H&S Meeting & Planning 0600-0630	MEC	1	Operator	6
0630-1400 Topsoil placement in Floodplains A & B. Remove and stack mats.	MEC	1	Tech	11
1400-1700 Seed and install erosion matting across Floodplains A & B.	RHEA	1	Super	11



WAS A JOB SAFETY MEETING HELD THIS DATE?  
(If YES, attach a copy of the meeting minutes)

YES

NO

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?  
(If YES, attach a copy of the OSHA Report)

YES

NO

WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE?  
(If YES, attach a statement or checklist showing inspection performed)

YES

NO

WAS HAZARDOUS MATERIAL/WASTE RELEASED IN TO THE ENVIRONMENT?  
(If YES, attach description of incident and proposed action)

YES

NO

TOTAL WORK HOURS ON JOB SITE THIS DATE 28

CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT 1048.5 107

TOTAL WORK HOURS FROM START OF CONSTRUCTION 1076.5 101

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTION CONDUCTED

SAFETY REQUIREMENTS HAVE BEEN MET

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

Received w 10 loads of topsoil

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY

Dumptruck 3.5 Hrs.

Excavator 8 Hrs.

Forklift 1 Hrs.

Loader 3.5 Hrs.

REMARKS

Thompson pump was picked up from site.

*[Signature]*

CONTRACTOR'S SUPERINTENDENT

8/8/08  
DATE

**FIGURE 8 - CONTRACTOR QUALITY CONTROL REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 1 DATE 8/8/08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

CONTRACTOR  
Rhea Engineers and Consultants, Inc.

PHASE Y - YES, N- NO, SEE REMARKS  
BLANK - NOT APPLICABLE IDENTIFY DEFINABLE FEATURES OF WORK, LOCATION, AND LIST PERSONNEL PRESENT

P R E P A R A T O R Y	THE PLANS AND SPECS HAVE BEEN REVIEWED	
	THE SUBMITTALS HAVE BEEN APPROVED	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	
	MATERIALS STORED PROPERLY	
	TESTING PLAN HAS BEEN REVIEWED	
	WORK METHOD AND SCHEDULE DISCUSSED	

*Completed placement of topsoil at foodplains A & B. Seeded both areas (wetland seed). Placed erosion matting across both areas.*

I N I T I A L	PRELIMINARY WORK WAS DONE CORRECTLY	
	SAMPLE HAS BEEN PREPARED/APPROVED	
	WORKMANSHIP IS SATISFACTORY	
	TEST RESULTS ARE ACCEPTABLE	
	WORK IS IN COMPLIANCE WITH THE CONTRACT	

TESTING PERFORMED AND WHO PERFORMED TEST

F O L L O W U P	WORK COMPLIES WITH CONTRACT AS APPROVED IN INITIAL PHASE	
	COMPLETION INSPECTION	

TESTING PERFORMED AND WHO PERFORMED TEST

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

On behalf of the contractor, I certify that this report is complete and correct and equipment and materials used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

*[Signature]*  
AUTHORIZED QC MANAGER AT SITE

8/8/08  
DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY CONTROL MANAGER

DATE

**FIGURE 7 - CONTRACTOR PRODUCTION REPORT**

(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 2 DATE 8/11/08

CONTRACT NO. N40085-07-D-1905 TASK ORDER NO. 0006 TITLE AND LOCATION OUI, TRIBUTARY 2 REMEDIAL ACTION REPORT NO.

CONTRACTOR: Rhea Engineers and Consultants, Inc. SUPERINTENDENT Brad McCalla of Rhea  
 AM WEATHER 70's PM WEATHER High 80's MAX TEMP F MIN TEMP F

**WORK PERFORMED TODAY**

WORK LOCATION AND DESCRIPTION		EMPLOYER	NUMBER	TRADE	HRS
<u>0600 - 0615</u>	<u>H&amp;S Meeting</u>	<u>MEC</u>	<u>1</u>	<u>Operator</u>	<u>10</u>
<u>0615 - 0800</u>	<u>Restoring Access Area to FP's A &amp; B</u>				
<u>0800 - 0900</u>	<u>Load Six Trucks for landfill</u>	<u>RHEA</u>	<u>1</u>	<u>Super</u>	<u>10</u>
<u>0900 - 1400</u>	<u>Site Restoration &amp; Cleanup</u>				
<u>1400 - 1430</u>	<u>Load Two Trucks for landfill</u>				
<u>1430 - 1600</u>	<u>Site Restoration &amp; Cleanup</u>				



WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES, attach a copy of the meeting minutes)  YES  NO  
 WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES, attach a copy of the OSHA Report)  YES  NO  
 WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? (If YES, attach a statement or checklist showing inspection performed)  YES  NO  
 WAS HAZARDOUS MATERIAL/WASTE RELEASED IN TO THE ENVIRONMENT? (If YES, attach description of incident and proposed action)  YES  NO

TOTAL WORK HOURS ON JOB SITE THIS DATE 20  
 CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT 1076.5  
 TOTAL WORK HOURS FROM START OF CONSTRUCTION 1096.5

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTION CONDUCTED

SAFETY REQUIREMENTS HAVE BEEN MET

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY

Loader 3 Hrs. Dump Truck 1 Hr  
Excavator 5 Hrs. Forklift 1 Hr

REMARKS

IC picked up 10 signed manifests from J. Christopher's office & delivered to scale house. Met w/ Dave at scale house & scheduled trucks for next day. Met w/ Rob (MEC) about pressure washer & storing mats at MEC yard. MEC cannot store the mats!

CONTRACTOR'S SUPERINTENDENT  
 DATE 8/11/08

**FIGURE 8 - CONTRACTOR QUALITY CONTROL REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 1 DATE 8/11/08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

CONTRACTOR  
Rhea Engineers and Consultants, Inc.

PHASE Y - YES, N - NO, SEE REMARKS  
BLANK - NOT APPLICABLE IDENTIFY DEFINABLE FEATURES OF WORK, LOCATION, AND LIST PERSONNEL PRESENT

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- THE PLANS AND SPECS HAVE BEEN REVIEWED
- THE SUBMITTALS HAVE BEEN APPROVED
- MATERIALS COMPLY WITH APPROVED SUBMITTALS
- MATERIALS STORED PROPERLY
- TESTING PLAN HAS BEEN REVIEWED
- WORK METHOD AND SCHEDULE DISCUSSED

*Restored access area to Floodplains A & B.  
Loaded 8 trucks w/ material for landfill.*

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- PRELIMINARY WORK WAS DONE CORRECTLY
- SAMPLE HAS BEEN PREPARED/APPROVED
- WORKMANSHIP IS SATISFACTORY
- TEST RESULTS ARE ACCEPTABLE
- WORK IS IN COMPLIANCE WITH THE CONTRACT

TESTING PERFORMED AND WHO PERFORMED TEST

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- WORK COMPLIES WITH CONTRACT AS APPROVED IN INITIAL PHASE
- COMPLETION INSPECTION

TESTING PERFORMED AND WHO PERFORMED TEST

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

On behalf of the contractor, I certify that this report is complete and correct and equipment and materials used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

*[Signature]*  
AUTHORIZED QC MANAGER AT SITE

8/11/08  
DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY CONTROL MANAGER

DATE

**FIGURE 7 - CONTRACTOR PRODUCTION REPORT**

(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 1

DATE 8/12/08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

TITLE AND LOCATION  
OUI, TRIBUTARY 2 REMEDIAL ACTION

REPORT NO.

CONTRACTOR: Rhēa Engineers and Consultants, Inc.		SUPERINTENDENT Brad McCalla of Rhēa	
AM WEATHER <u>70's</u>	PM WEATHER <u>High 80's</u>	MAX TEMP <u>F</u>	MIN TEMP <u>F</u>

**WORK PERFORMED TODAY**

WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
<u>0600 - 0630 Load Water Tank at MEC</u>	<u>MEC</u>	<u>1</u>	<u>Operator</u>	<u>10</u>
<u>0630 - 0645 H &amp; S Meeting</u>				
<u>0645 - 0800 Load five trucks for land fill</u>	<u>RHEA</u>	<u>1</u>	<u>Super</u>	<u>10</u>
<u>0800 - 1300 Move &amp; Pressure Wash Concrete Barricades</u>				
<u>1300 - 1400 Load five trucks for land fill</u>				
<u>1400 - 1600 Clean staging area &amp; concrete barricades</u>				



WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES, attach a copy of the meeting minutes)  YES  NO  
 WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES, attach a copy of the OSHA Report)  YES  NO  
 WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? (If YES, attach a statement or checklist showing inspection performed)  YES  NO  
 WAS HAZARDOUS MATERIAL/WASTE RELEASED IN TO THE ENVIRONMENT? (If YES, attach description of incident and proposed action)  YES  NO

TOTAL WORK HOURS ON JOB SITE THIS DATE 20  
 CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT ~~1076.5~~ 1121  
 TOTAL WORK HOURS FROM START OF CONSTRUCTION ~~1146.5~~ 1191

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTION CONDUCTED

SAFETY REQUIREMENTS HAVE BEEN MET

**EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB**

Sweeper for Staging Area 2 was delivered

**CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY**

Dumptruck 0 Hrs.      Excavator 2 Hrs.  
Loader 4 Hrs.      Forklift 2 Hrs.

REMARKS Last two loads for land fill consisted mainly of site debris.

  
 CONTRACTOR'S SUPERINTENDENT      8/12/08  
 DATE

**FIGURE 8 - CONTRACTOR QUALITY CONTROL REPORT**

(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 1

DATE 8/12/08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

CONTRACTOR

Rhea Engineers and Consultants, Inc.

PHASE Y - YES, N - NO, SEE REMARKS  
BLANK - NOT APPLICABLE IDENTIFY DEFINABLE FEATURES OF WORK, LOCATION, AND LIST PERSONNEL PRESENT

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THE PLANS AND SPECS HAVE BEEN REVIEWED	
THE SUBMITTALS HAVE BEEN APPROVED	
MATERIALS COMPLY WITH APPROVED SUBMITTALS	
MATERIALS STORED PROPERLY	
TESTING PLAN HAS BEEN REVIEWED	
WORK METHOD AND SCHEDULE DISCUSSED	

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PRELIMINARY WORK WAS DONE CORRECTLY	
SAMPLE HAS BEEN PREPARED/APPROVED	
WORKMANSHIP IS SATISFACTORY	
TEST RESULTS ARE ACCEPTABLE	
WORK IS IN COMPLIANCE WITH THE CONTRACT	

TESTING PERFORMED AND WHO PERFORMED TEST

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WORK COMPLIES WITH CONTRACT AS APPROVED IN INITIAL PHASE	
COMPLETION INSPECTION	

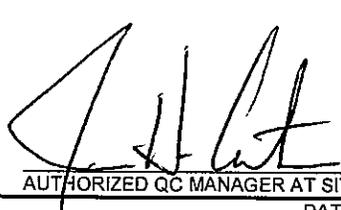
TESTING PERFORMED AND WHO PERFORMED TEST

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

On behalf of the contractor, I certify that this report is complete and correct and equipment and materials used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

  
AUTHORIZED QC MANAGER AT SITE

8/12/08  
DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY CONTROL MANAGER

DATE

**FIGURE 7 - CONTRACTOR PRODUCTION REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 1 DATE 8/13/08  
REPORT NO.

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

TITLE AND LOCATION  
OUI, TRIBUTARY 2 REMEDIAL ACTION

CONTRACTOR: Rhēa Engineers and Consultants, Inc.

SUPERINTENDENT Brad McCalla of Rhēa

AM WEATHER 70's (rain)

PM WEATHER 70's (rain)

MAX TEMP F MIN TEMP F

**WORK PERFORMED TODAY**

WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
<u>0600 - 1630 Pressure Washed remaining concrete barricades. Transported by lowboy concrete barricades to site across base. All barricades had to be re-cleaned after moving due to mud from dirt road.</u>	<u>MEC</u>	<u>1</u>	<u>Operator</u>	<u>10.5</u>
<u>General cleanup of staging area (parking lot)</u>	<u>RHEA</u>	<u>1</u>	<u>Super</u>	<u>10.5</u>
<u>Pressure washed excavator &amp; dump truck.</u>				



- YES  NO  
 WAS A JOB SAFETY MEETING HELD THIS DATE?  
 (If YES, attach a copy of the meeting minutes)
- YES  NO  
 WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?  
 (If YES, attach a copy of the OSHA Report)
- YES  NO  
 WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE?  
 (If YES, attach a statement or checklist showing inspection performed)
- YES  NO  
 WAS HAZARDOUS MATERIAL/WASTE RELEASED IN TO THE ENVIRONMENT?  
 (If YES, attach description of incident and proposed action)

TOTAL WORK HOURS ON JOB SITE THIS DATE 21  
 CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT 1116.5  
 TOTAL WORK HOURS FROM START OF CONSTRUCTION 1137.5

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTION CONDUCTED

SAFETY REQUIREMENTS HAVE BEEN MET

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY

Dumptruck 0 Hrs. Excavator 0 Hrs. Sweeper 3 Hrs.  
Forklift 7 Hrs. Loader 0 Hrs.

REMARKS

Neff was called to come on-site to repair forklift.  
Clogged fuel filter - approx. 3 Hrs. down.

[Signature]  
 CONTRACTOR'S SUPERINTENDENT

8/13/08  
 DATE

**FIGURE 8 - CONTRACTOR QUALITY CONTROL REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 1 DATE 8/13/08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

CONTRACTOR  
Rhea Engineers and Consultants, Inc.

PHASE Y - YES, N- NO, SEE REMARKS  
BLANK - NOT APPLICABLE IDENTIFY DEFINABLE FEATURES OF WORK, LOCATION, AND LIST PERSONNEL PRESENT

P R E P A R A T O R Y	THE PLANS AND SPECS HAVE BEEN REVIEWED	
	THE SUBMITTALS HAVE BEEN APPROVED	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	
	MATERIALS STORED PROPERLY	
	TESTING PLAN HAS BEEN REVIEWED	
	WORK METHOD AND SCHEDULE DISCUSSED	

I N I T I A L	PRELIMINARY WORK WAS DONE CORRECTLY	
	SAMPLE HAS BEEN PREPARED/APPROVED	
	WORKMANSHIP IS SATISFACTORY	
	TEST RESULTS ARE ACCEPTABLE	
	WORK IS IN COMPLIANCE WITH THE CONTRACT	

TESTING PERFORMED AND WHO PERFORMED TEST

F O L L O W  U P	WORK COMPLIES WITH CONTRACT AS APPROVED IN INITIAL PHASE	
	COMPLETION INSPECTION	

TESTING PERFORMED AND WHO PERFORMED TEST

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

On behalf of the contractor, I certify that this report is complete and correct and equipment and materials used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.



AUTHORIZED QC MANAGER AT SITE

DATE 8/13/08

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY CONTROL MANAGER

DATE

**FIGURE 7 - CONTRACTOR PRODUCTION REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 1

DATE 8/14/08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

TITLE AND LOCATION  
OUI, TRIBUTARY 2 REMEDIAL ACTION

REPORT NO.

CONTRACTOR: Rhēa Engineers and Consultants, Inc.

SUPERINTENDENT Brad McCalla of Rhēa

AM WEATHER 70's

PM WEATHER Low 90's

MAX TEMP F

MIN TEMP F

**WORK PERFORMED TODAY**

WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
<u>0600 - 0615 H&amp;S Meeting</u>	<u>MEC</u>	<u>1</u>	<u>Operator</u>	<u>10</u>
<u>0615 - 1100 loaded wooden mats on lowboy and transported off site.</u>	<u>Rhea</u>	<u>1</u>	<u>Super</u>	<u>10</u>
<u>1100 - 1600 Pressure washed forklift, loader &amp; sweeper - also refueled.</u>				
<u>Seeded and placed straw at T4, Hoodplains B &amp; C and access areas.</u>				
<u>Swept parking lot.</u>				



WAS A JOB SAFETY MEETING HELD THIS DATE?  
(If YES, attach a copy of the meeting minutes)

YES  NO

TOTAL WORK HOURS ON JOB SITE THIS DATE 20

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?  
(If YES, attach a copy of the OSHA Report)

YES  NO

CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT 1137.5 116

WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE?  
(If YES, attach a statement or checklist showing inspection performed)

YES  NO

TOTAL WORK HOURS FROM START OF CONSTRUCTION 1157.5 118

WAS HAZARDOUS MATERIAL/WASTE RELEASED IN TO THE ENVIRONMENT?  
(If YES, attach description of incident and proposed action)

YES  NO

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTION CONDUCTED

SAFETY REQUIREMENTS HAVE BEEN MET

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY

Forklift 5 Hrs. Excavator 0 Hrs. Sweeper 2 Hrs.  
Dumptruck 0 Hrs. Loader 1 Hrs.

REMARKS

Down for approx 1 hr. while starting forklift.  
Used starting fluid - did not have Netf come out.  
All equipment remained on-site at end of day.

CONTRACTOR'S SUPERINTENDENT

8/14/08  
DATE

**FIGURE 8 - CONTRACTOR QUALITY CONTROL REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 1 DATE 8/14/08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

CONTRACTOR  
Rhea Engineers and Consultants, Inc.

PHASE Y - YES, N- NO, SEE REMARKS  
BLANK - NOT APPLICABLE IDENTIFY DEFINABLE FEATURES OF WORK, LOCATION, AND LIST PERSONNEL PRESENT

P	THE PLANS AND SPECS HAVE BEEN REVIEWED	
R	THE SUBMITTALS HAVE BEEN APPROVED	
P	MATERIALS COMPLY WITH APPROVED SUBMITTALS	
A	MATERIALS STORED PROPERLY	
R	TESTING PLAN HAS BEEN REVIEWED	
A	WORK METHOD AND SCHEDULE DISCUSSED	

I N I T I A L	PRELIMINARY WORK WAS DONE CORRECTLY	
	SAMPLE HAS BEEN PREPARED/APPROVED	
	WORKMANSHIP IS SATISFACTORY	
	TEST RESULTS ARE ACCEPTABLE	
	WORK IS IN COMPLIANCE WITH THE CONTRACT	

TESTING PERFORMED AND WHO PERFORMED TEST

F O L L O W  U P	WORK COMPLIES WITH CONTRACT AS APPROVED IN INITIAL PHASE	
	COMPLETION INSPECTION	

TESTING PERFORMED AND WHO PERFORMED TEST

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

On behalf of the contractor, I certify that this report is complete and correct and equipment and materials used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

  
AUTHORIZED QC MANAGER AT SITE

8/14/08  
DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY CONTROL MANAGER

DATE

**FIGURE 7 - CONTRACTOR PRODUCTION REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 1 DATE 8/26/08  
REPORT NO.

CONTRACT NO. N40085-07-D-1905 TASK ORDER NO. 0006 TITLE AND LOCATION OUI, TRIBUTARY 2 REMEDIAL ACTION

CONTRACTOR: Rhea Engineers and Consultants, Inc. SUPERINTENDENT Brad McCalla of Rhea  
AM WEATHER 70s PM WEATHER 70s to low 80s MAX TEMP ~82-84 °F MIN TEMP ~72 °F

**WORK PERFORMED TODAY**

WORK LOCATION AND DESCRIPTION		EMPLOYER	NUMBER	TRADE	HRS
~07:00	BAM picks up temp. pass from front gate for vehicle	MEC	1	OPER	8.5
~07:30	BAM picks up Matt Snider (MEC op) from flightline				
~08:00	BAM/MS begin removing addit. downed trees from access Area #1 + #2				
~09:00	J+S Nursery arrives on site - site restoration activities - plant installation, seeding at FPA + along T1 (BAM/MS), placing straw along T1/uplands	J+S	1	TECH/Labor	5.5
			1	OWNER	1.0
			1	TECHS/Labor	3.0
~15:30	J+S Nursery field crew leaves site		1	TECH/Labor	2.0
~16:00	MS (MEC) leaves site for day		1	MNGR.	2.0
~17:00	BAM leaves site for day	RHEA	1	ENGR	10.0

	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES, attach a copy of the meeting minutes)	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	TOTAL WORK HOURS ON JOB SITE THIS DATE <u>26.5</u> 32 CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT <u>1157.5</u> 118 TOTAL WORK HOURS FROM START OF CONSTRUCTION <u>1189</u> 121
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES, attach a copy of the OSHA Report)	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	
	WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? (If YES, attach a statement or checklist showing inspection performed)	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	
	WAS HAZARDOUS MATERIAL/WASTE RELEASED IN TO THE ENVIRONMENT? (If YES, attach description of incident and proposed action)	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	
LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTION CONDUCTED			YES	SAFETY REQUIREMENTS HAVE BEEN MET

**EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB**

Plants from J+S Nursery  
 Note: Articulating Dump Truck + street sweeper demobed by NEFF Rental

**CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY**

Backhoe 1 day rental from Rice's Rental, called off-rent ~15:30-15:45 by MEC  
 GPS 30 cy Roll-off - BAM calls for pickup ~16:30

**REMARKS**

- Diamond Construction on-site constructing walking bridge adjacent to Staging Area 1 (walking bnd 2)
  - J+S completes plantings at all areas, field changes to plantings at T4 as cleared areas changed + T4 was accessed from S + no clearing in Plans # 2 clearing area
  - Roll-off box filled w/ damaged mats, tree limbs, debris → to be taken to Newport Transfer Station (see RC Report)
  - J+S TECH/Labor - one Tech left site @ ~13:00 due to personal family issue, replaced w/ another TECH + field mangr. @ ~13:30-14:00
  - BAM contacts Jeff Christoph (JC - MCAS EAD) + Brad A McCalla 8/26/08  
 CONTRACTOR'S SUPERINTENDENT DATE
- Karon Boyd (KB - Polec) + tentatively schedules walk-thru for 8/27/08 pm

**FIGURE 8 - CONTRACTOR QUALITY CONTROL REPORT**  
(ATTACH ADDITIONAL SHEET IF NECESSARY)

SHEET 1 of 1 DATE 8/26/08

CONTRACT NO.  
N40085-07-D-1905

TASK ORDER NO.  
0006

CONTRACTOR  
Rhea Engineers and Consultants, Inc.

PHASE Y - YES, N - NO, SEE REMARKS  
BLANK - NOT APPLICABLE IDENTIFY DEFINABLE FEATURES OF WORK, LOCATION, AND LIST PERSONNEL PRESENT  
**SITE RESTORATION**

P	THE PLANS AND SPECS HAVE BEEN REVIEWED	YES
R	THE SUBMITTALS HAVE BEEN APPROVED	
P	MATERIALS COMPLY WITH APPROVED SUBMITTALS	
A	MATERIALS STORED PROPERLY	
R	TESTING PLAN HAS BEEN REVIEWED	
A	WORK METHOD AND SCHEDULE DISCUSSED	YES

BAM / Jeff Gilliland (J+S Nursery Owner) meet + go over work plans + drngs for site restoration. BAM informs J+S that each cleared area (shown on Fig 3) should have the plants that are provided in Table 1 (Restoration Plan - CHZMHILL).  
BAM informs JS that BAM to oversee installation to ensure appropriate plants installed to in appropriate area + if any field changes need addressed.

I N I T I A L	PRELIMINARY WORK WAS DONE CORRECTLY	YES
	SAMPLE HAS BEEN PREPARED/APPROVED	
	WORKMANSHIP IS SATISFACTORY	YES
	TEST RESULTS ARE ACCEPTABLE	
	WORK IS IN COMPLIANCE WITH THE CONTRACT	YES (w/ field change)

BAM adds that Areas 2 + 3 of Restoration Plan were not cleared as shown on plan drngs, as area <sup>was</sup> to access T4 was from the S.  
Original Plant Zone 2 was to have 4 red maples + 4 sweetgums  
Actual: 1 red maple, 1 sweetgum placed to S of T4  
Original Planting Zone 3 was to have 3 red maples + 5 hazel alder  
Actual: 1 red maple + 2 hazel alders

TESTING PERFORMED AND WHO PERFORMED TEST

F O L L O W  U P	WORK COMPLIES WITH CONTRACT AS APPROVED IN INITIAL PHASE	
	COMPLETION INSPECTION	

Actual: 2 red maples + 2 hazel alders installed in original planting Zone  
2 red maples + 2 hazel alders installed S of T4 (across stream + planting zone 3)  
3 Redmaples + 3 sweetgums remaining from Planting Zone 2 were installed along access b/w Area A + sewer easement

TESTING PERFORMED AND WHO PERFORMED TEST

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

All other planting zones as per Table 1  
Spacing of plants as per Table 1, or as close as pract possible

REMARKS:

Note: Planting Zone 9 + 10 seeded w/ wetland mix (note that Restoration Plan did not spec out seeding for these 2 areas, but Rhea had extra seed)

On behalf of the contractor, I certify that this report is complete and correct and equipment and materials used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Brad A McCall  
AUTHORIZED QC MANAGER AT SITE

8/26/08  
DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY CONTROL MANAGER

DATE

**APPENDIX B**

**SITE PHOTOGRAPHS**



**T1 AND FLOODPLAIN C  
PRE-MOBILIZATION**



**T3 AND FLOODPLAIN A  
PRE-MOBILIZATION**



**T4 PRE-MOBILIZATION**



**T1 – 18-INCH REMOVAL DEPTH**



**T1 – 24-INCH REMOVAL DEPTH**



**FLOODPLAIN C – 12-INCH REMOVAL DEPTH**



**FLOODPLAIN C – 24-INCH REMOVAL DEPTH**



**T2 – 6-INCH REMOVAL DEPTH**



**FLOODPLAIN B – 24-INCH REMOVAL DEPTH**



**FLOODPLAIN A – 24-INCH REMOVAL DEPTH**



**FLOODPLAIN A – 30-INCH REMOVAL DEPTH**



**T1 – RESTORATION**



**T1 – RESTORATION**



**FLOODPLAIN AREA C – RESTORATION**



**ACCESS AREA 2 – RESTORATION**



**T2 – RESTORATION**



**FLOODPLAIN AREAS B AND A – RESTORATION**



**FLOODPLAIN AREA A AND T3 – RESTORATION**



**T4 – RESTORATION**



**TURTLE RELOCATION**



**DAM FOR T2**

## **APPENDIX C**

# **DISPOSAL SAMPLING ANALYTICAL REPORTS**



Technical Report for

Rhea Engineers & Consultants, Inc

Trib 2

367

Accutest Job Number: F58362

Sampling Date: 06/23/08

Report to:

Rhea Engineers & Consultants, Inc

toby@rhea.us  
erica@rhea.us; brad@rhea.us  
ATTN: Toby Grzejka

Total number of pages in report: **15**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

  
Harry Behzadi, Ph.D.  
Laboratory Director

Client Service contact: Jean Dent-Smith 407-425-6700

Certifications: FL (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK  
This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.  
Test results relate only to samples analyzed.



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1

2

3



## Sample Summary

Rhea Engineers & Consultants, Inc

Job No: F58362

Trib 2

Project No: 367

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
F58362-1	06/23/08	15:45 BAM	06/24/08	SO	Soil	T2-DISPOSAL-S-1
F58362-1A	06/23/08	15:45 BAM	06/24/08	SO	Soil	T2-DISPOSAL-S-1

---

Soil samples reported on a dry weight basis unless otherwise indicated on result page.



## Sample Results

---

## Report of Analysis

---

## Report of Analysis

<b>Client Sample ID:</b> T2-DISPOSAL-S-1		<b>Date Sampled:</b> 06/23/08
<b>Lab Sample ID:</b> F58362-1		<b>Date Received:</b> 06/24/08
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 79.3
<b>Method:</b> SW846 8260B SW846 1311		
<b>Project:</b> Trib 2		

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M0028224.D	10	06/26/08	MM	06/24/08	OP25511	VM1166
Run #2							

Run #1	Purge Volume
Run #1	5.0 ml
Run #2	

**VOA TCLP Leachate**

**TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	RL	MDL	Units	Q
71-43-2	Benzene	ND	D018	0.50	0.010	0.0040	mg/l	
108-90-7	Chlorobenzene	ND	D021	100	0.020	0.0022	mg/l	
67-66-3	Chloroform	ND	D022	6.0	0.020	0.0028	mg/l	
56-23-5	Carbon tetrachloride	ND	D019	0.50	0.020	0.0022	mg/l	
75-35-4	1,1-Dichloroethylene	ND	D029	0.70	0.020	0.0054	mg/l	
107-06-2	1,2-Dichloroethane	ND	D028	0.50	0.020	0.0034	mg/l	
106-46-7	p-Dichlorobenzene	ND	D027	7.5	0.020	0.0022	mg/l	
78-93-3	Methyl ethyl ketone	ND	D035	200	0.10	0.020	mg/l	
127-18-4	Tetrachloroethylene	ND	D039	0.70	0.020	0.0022	mg/l	
79-01-6	Trichloroethylene	ND	D040	0.50	0.020	0.0032	mg/l	
75-01-4	Vinyl chloride	ND	D043	0.20	0.010	0.0030	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		87-116%
2037-26-5	Toluene-D8	107%		86-112%
460-00-4	4-Bromofluorobenzene	110%		84-120%
17060-07-0	1,2-Dichloroethane-D4	98%		76-127%

ND = Not detected      MDL - Method Detection Limit      J = Indicates an estimated value  
 MCL = Maximum Contamination Level (40 CFR 261 6/96)      B = Indicates analyte found in associated method blank  
 E = Indicates value exceeds calibration range      N = Indicates presumptive evidence of a compound

## Report of Analysis

<b>Client Sample ID:</b> T2-DISPOSAL-S-1	
<b>Lab Sample ID:</b> F58362-1	<b>Date Sampled:</b> 06/23/08
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 06/24/08
<b>Method:</b> SW846 8270C SW846 1311	<b>Percent Solids:</b> 79.3
<b>Project:</b> Trib 2	

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L041535.D	1	06/26/08	NJ	06/25/08	OP25523	SL2109
Run #2							

Run #1	Initial Volume	Final Volume
Run #1	100 ml	1.0 ml
Run #2		

**ABN TCLP Leachate**

**TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	RL	MDL	Units	Q
95-48-7	2-Methylphenol	ND	D023	200	0.050	0.010	mg/l	
	3&4-Methylphenol	ND	D024	200	0.050	0.010	mg/l	
87-86-5	Pentachlorophenol	ND	D037	100	0.25	0.10	mg/l	
95-95-4	2,4,5-Trichlorophenol	ND	D041	400	0.050	0.014	mg/l	
88-06-2	2,4,6-Trichlorophenol	ND	D042	2.0	0.050	0.014	mg/l	
106-46-7	1,4-Dichlorobenzene	ND	D027	7.5	0.050	0.010	mg/l	
121-14-2	2,4-Dinitrotoluene	ND	D030	0.13	0.050	0.010	mg/l	
118-74-1	Hexachlorobenzene	ND	D032	0.13	0.050	0.010	mg/l	
87-68-3	Hexachlorobutadiene	ND	D033	0.50	0.050	0.025	mg/l	
67-72-1	Hexachloroethane	ND	D034	3.0	0.050	0.025	mg/l	
98-95-3	Nitrobenzene	ND	D036	2.0	0.050	0.010	mg/l	
110-86-1	Pyridine	ND	D038	5.0	0.10	0.019	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	40%		14-62%
4165-62-2	Phenol-d5	26%		10-40%
118-79-6	2,4,6-Tribromophenol	73%		33-118%
4165-60-0	Nitrobenzene-d5	66%		42-108%
321-60-8	2-Fluorobiphenyl	67%		40-106%
1718-51-0	Terphenyl-d14	76%		39-121%

ND = Not detected      MDL - Method Detection Limit      J = Indicates an estimated value  
 MCL = Maximum Contamination Level (40 CFR 261 6/96)      B = Indicates analyte found in associated method blank  
 E = Indicates value exceeds calibration range      N = Indicates presumptive evidence of a compound

## Report of Analysis

<b>Client Sample ID:</b> T2-DISPOSAL-S-1	<b>Date Sampled:</b> 06/23/08
<b>Lab Sample ID:</b> F58362-1	<b>Date Received:</b> 06/24/08
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 79.3
<b>Method:</b> SW846 8151A SW846 1311	
<b>Project:</b> Trib 2	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD45701.D	1	06/27/08	KL	06/25/08	OP25527	GDD1270
Run #2							

Run #	Initial Volume	Final Volume
Run #1	10.0 ml	10.0 ml
Run #2		

**Herbicide TCLP Leachate**

**TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	RL	MDL	Units	Q
94-75-7	2,4-D	ND	D016	10	0.10	0.034	mg/l	
93-72-1	2,4,5-TP (Silvex)	ND	D017	1.0	0.010	0.0037	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	121%		40-140%

ND = Not detected      MDL - Method Detection Limit      J = Indicates an estimated value  
 MCL = Maximum Contamination Level (40 CFR 261 6/96)      B = Indicates analyte found in associated method blank  
 E = Indicates value exceeds calibration range      N = Indicates presumptive evidence of a compound

## Report of Analysis

<b>Client Sample ID:</b> T2-DISPOSAL-S-1	<b>Date Sampled:</b> 06/23/08
<b>Lab Sample ID:</b> F58362-1	<b>Date Received:</b> 06/24/08
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 79.3
<b>Method:</b> SW846 8081A SW846 3510C	
<b>Project:</b> Trib 2	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	TT12877.D	1	06/26/08	AC	06/25/08	OP25522	GTT428
Run #2							

Run #	Initial Volume	Final Volume
Run #1	100 ml	10.0 ml
Run #2		

**Pesticide TCLP Leachate**

**TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	RL	MDL	Units	Q
58-89-9	gamma-BHC (Lindane)	ND	D013	0.40	0.00050	0.00010	mg/l	
12789-03-6	Chlordane	ND	D020	0.030	0.0050	0.0025	mg/l	
72-20-8	Endrin	ND	D012	0.020	0.0010	0.00020	mg/l	
76-44-8	Heptachlor	ND	D031	0.0080	0.00050	0.00010	mg/l	
1024-57-3	Heptachlor epoxide	ND	D031	0.0080	0.00050	0.00010	mg/l	
72-43-5	Methoxychlor	ND	D014	10	0.0010	0.00026	mg/l	
8001-35-2	Toxaphene	ND	D015	0.50	0.025	0.013	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	91%		42-127%
2051-24-3	Decachlorobiphenyl	97%		27-127%

ND = Not detected      MDL - Method Detection Limit      J = Indicates an estimated value  
 MCL = Maximum Contamination Level (40 CFR 261 6/96)      B = Indicates analyte found in associated method blank  
 E = Indicates value exceeds calibration range      N = Indicates presumptive evidence of a compound

## Report of Analysis

<b>Client Sample ID:</b> T2-DISPOSAL-S-1	<b>Date Sampled:</b> 06/23/08
<b>Lab Sample ID:</b> F58362-1	<b>Date Received:</b> 06/24/08
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 79.3
<b>Method:</b> SW846 8015 M SW846 3550B	
<b>Project:</b> Trib 2	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LL22281.D	10	06/25/08	NY	06/24/08	OP25507	GLL827
Run #2							

Run #	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28) <sup>a</sup>	502	110	63	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
84-15-1	o-Terphenyl	73%		49-108%		

(a) Petroleum hydrocarbon pattern extends beyond C28.

ND = Not detected      MDL - Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

## Report of Analysis

<b>Client Sample ID:</b> T2-DISPOSAL-S-1	<b>Date Sampled:</b> 06/23/08
<b>Lab Sample ID:</b> F58362-1	<b>Date Received:</b> 06/24/08
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 79.3
<b>Project:</b> Trib 2	

**Metals Analysis, TCLP Leachate SW846 1311**

Analyte	Result	HW#	MCL	RL	MDL	Units	DF	Prep	Analyzed By	Method
Arsenic	0.014 J	D004	5.0	0.050	0.0054	mg/l	1	06/25/08	06/25/08	RS SW846 6010B <sup>1</sup>
Barium	0.26 J	D005	100	1.0	0.20	mg/l	1	06/25/08	06/25/08	RS SW846 6010B <sup>1</sup>
Cadmium	0.11	D006	1.0	0.0050	0.0010	mg/l	1	06/25/08	06/25/08	RS SW846 6010B <sup>1</sup>
Chromium	0.0070 J	D007	5.0	0.010	0.0020	mg/l	1	06/25/08	06/25/08	RS SW846 6010B <sup>1</sup>
Lead	0.13	D008	5.0	0.050	0.0020	mg/l	1	06/25/08	06/25/08	RS SW846 6010B <sup>1</sup>
Mercury	0.0015 U	D009	0.20	0.010	0.0015	mg/l	1	06/26/08	06/26/08	LM SW846 7470A <sup>2</sup>
Selenium	0.020 U	D010	1.0	0.050	0.020	mg/l	1	06/25/08	06/25/08	RS SW846 6010B <sup>1</sup>
Silver	0.0014 U	D011	5.0	0.010	0.0014	mg/l	1	06/25/08	06/25/08	RS SW846 6010B <sup>1</sup>

- (1) Instrument QC Batch: MA6569
- (2) Instrument QC Batch: MA6573
- (3) Prep QC Batch: MP14645
- (4) Prep QC Batch: MP14647

RL = Reporting Limit      MDL = Method Detection Limit      U = Indicates a result < MDL  
 MCL = Maximum Contamination Level (40 CFR 261 6/96)      J = Indicates a result > = MDL but < RL

## Report of Analysis

<b>Client Sample ID:</b> T2-DISPOSAL-S-1	<b>Date Sampled:</b> 06/23/08
<b>Lab Sample ID:</b> F58362-1	<b>Date Received:</b> 06/24/08
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 79.3
<b>Project:</b> Trib 2	

### General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Corrosivity as pH	6.9				1	06/24/08	CP	SW846 CHAP7
Cyanide Reactivity	1.5 U	1.5	1.5	mg/kg	1	06/25/08	CP	SW846 CHAP7
Ignitability (Flashpoint) <sup>a</sup>	> 200			Deg. F	1	06/24/08	CP	SW846 1010
Solids, Percent	79.3			%	1	06/26/08	AL	SM19 2540B M
Sulfide Reactivity	50 U	50	50	mg/kg	1	06/25/08	LE	SW846 CHAP7

(a) Not ignitable

RL = Reporting Limit  
MDL = Method Detection Limit

U = Indicates a result < MDL  
J = Indicates a result > = MDL but < RL

## Report of Analysis

<b>Client Sample ID:</b> T2-DISPOSAL-S-1	
<b>Lab Sample ID:</b> F58362-1A	<b>Date Sampled:</b> 06/23/08
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 06/24/08
<b>Method:</b> SW846 8015	<b>Percent Solids:</b> 79.3
<b>Project:</b> Trib 2	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QR042101.D	1	06/25/08	AH	n/a	n/a	GQR1814
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	3.81 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	5.00	9.6	4.8	mg/kg	J
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	104%		56-136%		
98-08-8	aaa-Trifluorotoluene	69%		61-121%		

ND = Not detected      MDL - Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound



## Misc. Forms

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### Custody Documents and Other Forms

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Includes the following where applicable:

- Certification Exceptions
- Chain of Custody

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## Sample Summary

Rhea Engineers & Consultants, Inc

**Job No:** F58838

Trib 2

Project No: 367

Sample Number	Collected		Matrix		Client Sample ID
	Date	Time By	Received	Code Type	
F58838-1	07/17/08	13:50 BAM	07/18/08	SO Soil	T2-DISPOSAL-S-2

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Soil samples reported on a dry weight basis unless otherwise indicated on result page.

## SAMPLE DELIVERY GROUP CASE NARRATIVE

**Client:** Rhea Engineers & Consultants, Inc

**Job No:** F58838

**Site:** Trib 2

**Report Date:** 7/30/2008 6:01:10 PM

1 Sample was collected on 07/17/2008 and was received at Accutest on 07/18/2008 properly preserved, at 3.2 Deg. C and intact. The Sample received an Accutest job number of F58838. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

### Volatiles by GCMS by Method SW846 8260B

**Matrix:** LEACHATE

**Batch ID:** VG1941

All samples were analyzed within the recommended method holding time.

Samples F58776-1ADUP, F58838-1MS, F58838-1MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

### Extractables by GCMS by Method SW846 8270C

**Matrix:** LEACHATE

**Batch ID:** OP25735

All samples were extracted within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Samples F58838-1MS, F58838-1MSD were used as the QC samples indicated.

### Volatiles by GC by Method SW846 8015

**Matrix:** SO

**Batch ID:** GQR1827

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Samples F58838-1MS, F58838-1MSD were used as the QC samples indicated.

Matrix Spike Recovery for TPH-GRO (C6-C10) is outside control limits. Outside control limits due to high level in sample relative to spike amount.

Samples F58838-1MS, F58838-1MSD have surrogates outside control limits. Probable cause: due to matrix interference.

F58838-1 for 4-Bromofluorobenzene: Outside control limits due to matrix interference.

F58838-1 for 4-Bromofluorobenzene: Result reported from PID.

### Extractables by GC by Method SW846 8015 M

**Matrix:** SO

**Batch ID:** OP25732

All samples were extracted within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Samples F58838-1MS, F58838-1MSD were used as the QC samples indicated.

F58838-1 for TPH (C10-C28): Petroleum hydrocarbon pattern extends beyond C28.

### Extractables by GC by Method SW846 8081A

**Matrix:** LEACHATE

**Batch ID:** OP25733

All samples were extracted within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Samples F58838-1MS, F58838-1MSD were used as the QC samples indicated.

Wednesday, July 30, 2008

## Extractables by GC by Method SW846 8151A

**Matrix:** LEACHATE

**Batch ID:** OP25734

All samples were extracted within the recommended method holding time.  
All samples were analyzed within the recommended method holding time.  
All method blanks for this batch meet method specific criteria.  
Samples F58838-1MS, F58838-1MSD were used as the QC samples indicated.

## Metals by Method SW846 6010B

**Matrix:** LEACHATE

**Batch ID:** MP14765

All samples were digested within the recommended method holding time.  
All samples were analyzed within the recommended method holding time.  
All method blanks for this batch meet method specific criteria.  
Samples F58838-1DUP, F58838-1MS, F58838-1SDL were used as the QC samples for metals.  
RPDs for Serial Dilution for Arsenic, Cadmium, Lead are outside control limits for sample MP14765-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).  
MP14765-SD1 for Cadmium, Lead: Serial dilution indicates possible matrix interference.  
F58838-1 for Arsenic, Lead, Selenium: Elevated reporting limit(s) due to matrix interference.

## Metals by Method SW846 7470A

**Matrix:** LEACHATE

**Batch ID:** MP14769

All samples were digested within the recommended method holding time.  
All samples were analyzed within the recommended method holding time.  
All method blanks for this batch meet method specific criteria.  
Samples F58838-1DUP, F58838-1MS, F58838-1SDL were used as the QC samples for metals.

## Wet Chemistry by Method SM19 2540B M

**Matrix:** SO

**Batch ID:** GN31229

Sample F58838-1DUP was used as the QC sample for Solids, Percent.

## Wet Chemistry by Method SW846 1010

**Matrix:** SO

**Batch ID:** GN31258

Sample F58838-1DUP was used as the QC sample for Ignitability (Flashpoint).  
F58838-1 for Ignitability (Flashpoint): Not ignitable

## Wet Chemistry by Method SW846 CHAP7

**Matrix:** SO

**Batch ID:** GP11435

All samples were prepped within the recommended method holding time.  
All samples were analyzed within the recommended method holding time.  
All method blanks for this batch meet method specific criteria.

**Matrix:** SO

**Batch ID:** GP11460

All samples were prepped within the recommended method holding time.  
All samples were analyzed within the recommended method holding time.  
All method blanks for this batch meet method specific criteria.

Accutest Laboratories Southeast (ALSE) certifies that this report meets the project requirements for analytical data produced for the samples as received at ALSE and as stated on the COC. ALSE certifies that the data meets the Data Quality Objectives for precision, accuracy and completeness as specified in the ALSE Quality Manual except as noted above. This report is to be used in its entirety. ALSE is not responsible for any assumptions of data quality if partial data packages are used.

Narrative prepared by:

\_\_\_\_\_  
Ellen Pampel, Inorganic QA (signature on file)

Date: July 30, 2008

**Wednesday, July 30, 2008**



## Sample Results

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## Report of Analysis

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# Report of Analysis

31  
3

<b>Client Sample ID:</b> T2-DISPOSAL-S-2	
<b>Lab Sample ID:</b> F58838-1	<b>Date Sampled:</b> 07/17/08
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 07/18/08
<b>Method:</b> SW846 8260B SW846 1311	<b>Percent Solids:</b> 73.0
<b>Project:</b> Trib 2	

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N0028220.D	10	07/22/08	MM	07/18/08	OP25729	VN1174
Run #2							

Run #1	Purge Volume
Run #1	5.0 ml
Run #2	

**VOA TCLP Leachate**

**TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	RL	MDL	Units	Q
71-43-2	Benzene	ND	D018	0.50	0.010	0.0040	mg/l	
108-90-7	Chlorobenzene	ND	D021	100	0.020	0.0022	mg/l	
67-66-3	Chloroform	ND	D022	6.0	0.020	0.0028	mg/l	
56-23-5	Carbon tetrachloride	ND	D019	0.50	0.020	0.0022	mg/l	
75-35-4	1,1-Dichloroethylene	ND	D029	0.70	0.020	0.0054	mg/l	
107-06-2	1,2-Dichloroethane	ND	D028	0.50	0.020	0.0034	mg/l	
106-46-7	p-Dichlorobenzene	ND	D027	7.5	0.020	0.0022	mg/l	
78-93-3	Methyl ethyl ketone	ND	D035	200	0.10	0.020	mg/l	
127-18-4	Tetrachloroethylene	ND	D039	0.70	0.020	0.0022	mg/l	
79-01-6	Trichloroethylene	ND	D040	0.50	0.020	0.0032	mg/l	
75-01-4	Vinyl chloride	ND	D043	0.20	0.010	0.0030	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		87-116%
2037-26-5	Toluene-D8	109%		86-112%
460-00-4	4-Bromofluorobenzene	109%		84-120%
17060-07-0	1,2-Dichloroethane-D4	96%		76-127%

ND = Not detected      MDL - Method Detection Limit      J = Indicates an estimated value  
MCL = Maximum Contamination Level (40 CFR 261 6/96)      B = Indicates analyte found in associated method blank  
E = Indicates value exceeds calibration range      N = Indicates presumptive evidence of a compound

# Report of Analysis

31  
3

<b>Client Sample ID:</b> T2-DISPOSAL-S-2	
<b>Lab Sample ID:</b> F58838-1	<b>Date Sampled:</b> 07/17/08
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 07/18/08
<b>Method:</b> SW846 8270C SW846 3510C	<b>Percent Solids:</b> 73.0
<b>Project:</b> Trib 2	

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X002548.D	1	07/21/08	NJ	07/19/08	OP25735	SX130
Run #2							

Run #1	Initial Volume	Final Volume
Run #1	100 ml	1.0 ml
Run #2		

**ABN TCLP Leachate**

**TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	RL	MDL	Units	Q
95-48-7	2-Methylphenol	ND	D023	200	0.050	0.010	mg/l	
	3&4-Methylphenol	ND	D024	200	0.050	0.010	mg/l	
87-86-5	Pentachlorophenol	ND	D037	100	0.25	0.10	mg/l	
95-95-4	2,4,5-Trichlorophenol	ND	D041	400	0.050	0.014	mg/l	
88-06-2	2,4,6-Trichlorophenol	ND	D042	2.0	0.050	0.014	mg/l	
106-46-7	1,4-Dichlorobenzene	ND	D027	7.5	0.050	0.010	mg/l	
121-14-2	2,4-Dinitrotoluene	ND	D030	0.13	0.050	0.010	mg/l	
118-74-1	Hexachlorobenzene	ND	D032	0.13	0.050	0.010	mg/l	
87-68-3	Hexachlorobutadiene	ND	D033	0.50	0.050	0.025	mg/l	
67-72-1	Hexachloroethane	ND	D034	3.0	0.050	0.025	mg/l	
98-95-3	Nitrobenzene	ND	D036	2.0	0.050	0.010	mg/l	
110-86-1	Pyridine	ND	D038	5.0	0.10	0.019	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	46%		14-62%
4165-62-2	Phenol-d5	28%		10-40%
118-79-6	2,4,6-Tribromophenol	84%		33-118%
4165-60-0	Nitrobenzene-d5	80%		42-108%
321-60-8	2-Fluorobiphenyl	82%		40-106%
1718-51-0	Terphenyl-d14	90%		39-121%

ND = Not detected      MDL - Method Detection Limit      J = Indicates an estimated value  
MCL = Maximum Contamination Level (40 CFR 261 6/96)      B = Indicates analyte found in associated method blank  
E = Indicates value exceeds calibration range      N = Indicates presumptive evidence of a compound

## Report of Analysis

31  
3

<b>Client Sample ID:</b> T2-DISPOSAL-S-2	
<b>Lab Sample ID:</b> F58838-1	<b>Date Sampled:</b> 07/17/08
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 07/18/08
<b>Method:</b> SW846 8015	<b>Percent Solids:</b> 73.0
<b>Project:</b> Trib 2	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QR042327.D	1	07/18/08	AH	n/a	n/a	GQR1827
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.06 g	5.0 ml	10.0 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	198	100	51	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	109% <sup>a</sup>		56-136%		
460-00-4	4-Bromofluorobenzene	176% <sup>b</sup>		56-136%		
98-08-8	aaa-Trifluorotoluene	77%		61-121%		

- (a) Result reported from PID.
- (b) Outside control limits due to matrix interference.

---

ND = Not detected	MDL - Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

## Report of Analysis

31  
3

<b>Client Sample ID:</b> T2-DISPOSAL-S-2		<b>Date Sampled:</b> 07/17/08
<b>Lab Sample ID:</b> F58838-1		<b>Date Received:</b> 07/18/08
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 73.0
<b>Method:</b> SW846 8151A SW846 8151A		
<b>Project:</b> Trib 2		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD46001.D	1	07/23/08	ME	07/19/08	OP25734	GDD1283
Run #2							

Run #	Initial Volume	Final Volume
Run #1	10.0 ml	10.0 ml
Run #2		

**Herbicide TCLP Leachate**

**TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	RL	MDL	Units	Q
94-75-7	2,4-D	ND	D016	10	0.10	0.034	mg/l	
93-72-1	2,4,5-TP (Silvex)	ND	D017	1.0	0.010	0.0037	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	101%		40-140%

ND = Not detected      MDL - Method Detection Limit      J = Indicates an estimated value  
 MCL = Maximum Contamination Level (40 CFR 261 6/96)      B = Indicates analyte found in associated method blank  
 E = Indicates value exceeds calibration range      N = Indicates presumptive evidence of a compound

# Report of Analysis

31  
3

<b>Client Sample ID:</b> T2-DISPOSAL-S-2	
<b>Lab Sample ID:</b> F58838-1	<b>Date Sampled:</b> 07/17/08
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 07/18/08
<b>Method:</b> SW846 8081A SW846 3510C	<b>Percent Solids:</b> 73.0
<b>Project:</b> Trib 2	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	KK26794.D	1	07/21/08	AC	07/19/08	OP25733	GKK951
Run #2							

Run #	Initial Volume	Final Volume
Run #1	100 ml	10.0 ml
Run #2		

**Pesticide TCLP Leachate**

TCLP Leachate method SW846 1311

CAS No.	Compound	Result	HW#	MCL	RL	MDL	Units	Q
58-89-9	gamma-BHC (Lindane)	ND	D013	0.40	0.00050	0.00010	mg/l	
12789-03-6	Chlordane	ND	D020	0.030	0.0050	0.0025	mg/l	
72-20-8	Endrin	ND	D012	0.020	0.0010	0.00020	mg/l	
76-44-8	Heptachlor	ND	D031	0.0080	0.00050	0.00010	mg/l	
1024-57-3	Heptachlor epoxide	ND	D031	0.0080	0.00050	0.00010	mg/l	
72-43-5	Methoxychlor	ND	D014	10	0.0010	0.00026	mg/l	
8001-35-2	Toxaphene	ND	D015	0.50	0.025	0.013	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	73%		42-127%
2051-24-3	Decachlorobiphenyl	85%		27-127%

ND = Not detected      MDL - Method Detection Limit      J = Indicates an estimated value  
MCL = Maximum Contamination Level (40 CFR 261 6/96)      B = Indicates analyte found in associated method blank  
E = Indicates value exceeds calibration range      N = Indicates presumptive evidence of a compound

## Report of Analysis

3.1  
3

<b>Client Sample ID:</b> T2-DISPOSAL-S-2	
<b>Lab Sample ID:</b> F58838-1	<b>Date Sampled:</b> 07/17/08
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 07/18/08
<b>Method:</b> SW846 8015 M SW846 3550B	<b>Percent Solids:</b> 73.0
<b>Project:</b> Trib 2	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LL22667.D	10	07/21/08	NY	07/18/08	OP25732	GLL846
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28) <sup>a</sup>	560	110	68	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
84-15-1	o-Terphenyl	67%		49-108%		

(a) Petroleum hydrocarbon pattern extends beyond C28.

ND = Not detected      MDL - Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

## Report of Analysis

31  
3

<b>Client Sample ID:</b> T2-DISPOSAL-S-2	<b>Date Sampled:</b> 07/17/08
<b>Lab Sample ID:</b> F58838-1	<b>Date Received:</b> 07/18/08
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 73.0
<b>Project:</b> Trib 2	

**Metals Analysis, TCLP Leachate SW846 1311**

Analyte	Result	HW#	MCL	RL	MDL	Units	DF	Prep	Analyzed By	Method
Arsenic <sup>a</sup>	0.021 J	D004	5.0	0.10	0.011	mg/l	2	07/21/08	07/22/08	RS SW846 6010B <sup>3</sup>
Barium	0.42 J	D005	100	1.0	0.20	mg/l	1	07/21/08	07/22/08	RS SW846 6010B <sup>1</sup>
Cadmium	0.55	D006	1.0	0.0050	0.0010	mg/l	1	07/21/08	07/22/08	RS SW846 6010B <sup>1</sup>
Chromium	0.010	D007	5.0	0.010	0.0020	mg/l	1	07/21/08	07/22/08	RS SW846 6010B <sup>1</sup>
Lead <sup>a</sup>	0.25	D008	5.0	0.10	0.0040	mg/l	2	07/21/08	07/22/08	RS SW846 6010B <sup>3</sup>
Mercury	0.0015 U	D009	0.20	0.010	0.0015	mg/l	1	07/22/08	07/22/08	DM SW846 7470A <sup>2</sup>
Selenium <sup>a</sup>	0.040 U	D010	1.0	0.10	0.040	mg/l	2	07/21/08	07/22/08	RS SW846 6010B <sup>3</sup>
Silver	0.0014 U	D011	5.0	0.010	0.0014	mg/l	1	07/21/08	07/22/08	RS SW846 6010B <sup>1</sup>

- (1) Instrument QC Batch: MA6622
- (2) Instrument QC Batch: MA6624
- (3) Instrument QC Batch: MA6627
- (4) Prep QC Batch: MP14765
- (5) Prep QC Batch: MP14769

(a) Elevated reporting limit(s) due to matrix interference.

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RL = Reporting Limit      MDL = Method Detection Limit      U = Indicates a result < MDL  
 MCL = Maximum Contamination Level (40 CFR 261 6/96)      J = Indicates a result > = MDL but < RL

## Report of Analysis

<b>Client Sample ID:</b> T2-DISPOSAL-S-2	<b>Date Sampled:</b> 07/17/08
<b>Lab Sample ID:</b> F58838-1	<b>Date Received:</b> 07/18/08
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 73.0
<b>Project:</b> Trib 2	

### General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Corrosivity as pH	6.7				1	07/23/08	SD	SW846 CHAP7
Cyanide Reactivity	2.1 U	2.1	2.1	mg/kg	1	07/22/08	CP	SW846 CHAP7
Ignitability (Flashpoint) <sup>a</sup>	> 200			Deg. F	1	07/23/08	CP	SW846 1010
Solids, Percent	73			%	1	07/21/08	AL	SM19 2540B M
Sulfide Reactivity	50 U	50	50	mg/kg	1	07/25/08	SJL	SW846 CHAP7

(a) Not ignitable

RL = Reporting Limit  
MDL = Method Detection Limit

U = Indicates a result < MDL  
J = Indicates a result > = MDL but < RL



## Misc. Forms

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### Custody Documents and Other Forms

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Includes the following where applicable:

- Certification Exceptions
- Chain of Custody



**ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION**

ACCUTEST'S JOB NUMBER: F58838 CLIENT: Rhea PROJECT: TRIB 2-Cherry Point  
 DATE/TIME RECEIVED: 07-18-08 0900 # OF COOLERS RECEIVED: 1 COOLER TEMPS: 3.2  
 METHOD OF DELIVERY: FEDEX UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER  
 AIRBILL NUMBERS: 86515857 2700

**COOLER INFORMATION**

- CUSTODY SEAL NOT PRESENT OR NOT INTACT
- CHAIN OF CUSTODY NOT RECEIVED (COC)
- ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- TEMPERATURE CRITERIA NOT MET
- WET ICE RECEIVED IN COOLER

**TRIP BLANK INFORMATION**

- TRIP BLANK PROVIDED
- TRIP BLANK NOT PROVIDED
- TRIP BLANK NOT ON COC
- TRIP BLANK INTACT
- TRIP BLANK NOT INTACT
- RECEIVED WATER TRIP BLANK
- RECEIVED SOIL TRIP BLANK

**MISC. INFORMATION**

NUMBER OF ENCORES ? 0  
 NUMBER OF 5035 FIELD KITS ? 1  
 NUMBER OF LAB FILTERED METALS ? 0

SUMMARY OF COMMENTS: Sample have been composited in lab.

Received only 2 vials (MeOH)

**SAMPLE INFORMATION**

- SAMPLE LABELS NOT PRESENT ON ALL BOTTLES
- CORRECT NUMBER OF CONTAINERS USED
- SAMPLE RECEIVED IMPROPERLY PRESERVED
- INSUFFICIENT VOLUME FOR ANALYSIS
- TIMES ON COC DOES NOT MATCH LABEL(S)
- ID'S ON COC DOES NOT MATCH LABEL(S)
- VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- UNCLEAR FILTERING INSTRUCTIONS
- UNCLEAR COMPOSITING INSTRUCTIONS
- SAMPLE CONTAINER(S) RECEIVED BROKEN
- % SOLIDS JAR NOT RECEIVED
- 5035 FIELD KIT NOT FROZEN WITHIN 48 HOUR'S
- RESIDUAL CHLORINE PRESENT

( APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)

TECHNICIAN SIGNATURE/DATE FM 07-18-08 TECHNICIAN SIGNATURE/DATE JC 7-18-08 ASBD 12/17/07



Technical Report for

Rhea Engineers & Consultants, Inc

Trib 2

367

Accutest Job Number: F58914

Sampling Date: 07/22/08

Report to:

Rhea Engineers & Consultants, Inc.

brad@rhea.us

ATTN: Brad McCalla

Total number of pages in report: **15**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

  
Harry Behzadi, Ph.D.  
Laboratory Director

Client Service contact: Jean Dent-Smith 407-425-6700

Certifications: FL (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK  
This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.  
Test results relate only to samples analyzed.



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## Sample Summary

Rhea Engineers & Consultants, Inc

**Job No:** F58914

Trib 2

Project No: 367

Sample Number	Collected		Matrix		Client Sample ID
	Date	Time By	Received	Code Type	
F58914-1	07/22/08	12:45 BAM	07/23/08	SO Soil	T2-DISPOSAL-S-3

---

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

## SAMPLE DELIVERY GROUP CASE NARRATIVE

**Client:** Rhea Engineers & Consultants, Inc

**Job No:** F58914

**Site:** Trib 2

**Report Date:** 7/31/2008 3:30:43 PM

1 Sample was collected on 07/22/2008 and was received at Accutest on 07/23/2008 properly preserved, at 2.4 Deg. C and intact. The Sample received an Accutest job number of F58914. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

### Volatiles by GCMS by Method SW846 8260B

**Matrix:** LEACHATE

**Batch ID:** VC2309

All samples were analyzed within the recommended method holding time.

Samples F58864-37ADUP, F58914-1MS, F58914-1MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

### Extractables by GCMS by Method SW846 8270C

**Matrix:** LEACHATE

**Batch ID:** OP25789

All samples were extracted within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Samples F58894-2ADUP, F58914-1MS, F58914-1MSD were used as the QC samples indicated.

### Extractables by GC by Method SW846 8081A

**Matrix:** LEACHATE

**Batch ID:** OP25806

All samples were extracted within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Samples F58894-2ADUP, F58914-1MS, F58914-1MSD were used as the QC samples indicated.

### Extractables by GC by Method SW846 8151A

**Matrix:** LEACHATE

**Batch ID:** OP25787

All samples were extracted within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Samples F58894-2AMS, F58894-2AMSD, F58914-1DUP were used as the QC samples indicated.

### Metals by Method SW846 6010B

**Matrix:** LEACHATE

**Batch ID:** MP14790

All samples were digested within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Samples F58914-1DUP, F58914-1MS, F58914-1SDL were used as the QC samples for metals.

Matrix Spike Recovery for Cadmium is outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

RPD for Serial Dilution for Arsenic is outside control limits for sample MP14790-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Thursday, July 31, 2008

### Metals By Method SW846 7470A

**Matrix:** LEACHATE                      **Batch ID:** MP14794

All samples were digested within the recommended method holding time.  
All samples were analyzed within the recommended method holding time.  
All method blanks for this batch meet method specific criteria.  
Samples F58773-1MS, F58773-1SDL, F58914-1DUP were used as the QC samples for metals.

### Wet Chemistry by Method SM19 2540B M

**Matrix:** SO                                      **Batch ID:** GN31265

Sample F58914-1DUP was used as the QC sample for Solids, Percent.

### Wet Chemistry by Method SW846 1010

**Matrix:** SO                                      **Batch ID:** GN31309

Sample F58988-1DUP was used as the QC sample for Ignitability (Flashpoint).  
F58914-1 for Ignitability (Flashpoint): Not ignitable

### Wet Chemistry by Method SW846 CHAP7

**Matrix:** SO                                      **Batch ID:** GP11460

All samples were prepped within the recommended method holding time.  
All samples were analyzed within the recommended method holding time.  
All method blanks for this batch meet method specific criteria.

**Matrix:** SO                                      **Batch ID:** GP11475

All samples were prepped within the recommended method holding time.  
All samples were analyzed within the recommended method holding time.  
All method blanks for this batch meet method specific criteria.

Accutest Laboratories Southeast (ALSE) certifies that this report meets the project requirements for analytical data produced for the samples as received at ALSE and as stated on the COC. ALSE certifies that the data meets the Data Quality Objectives for precision, accuracy and completeness as specified in the ALSE Quality Manual except as noted above. This report is to be used in its entirety. ALSE is not responsible for any assumptions of data quality if partial data packages are used.

Narrative prepared by:

\_\_\_\_\_  
Ellen Pampel, Inorganic QA (signature on file)

Date: July 31, 2008

Thursday, July 31, 2008



Sample Results

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Report of Analysis

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## Report of Analysis

3.1  
3

<b>Client Sample ID:</b> T2-DISPOSAL-S-3	<b>Date Sampled:</b> 07/22/08
<b>Lab Sample ID:</b> F58914-1	<b>Date Received:</b> 07/23/08
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 66.9
<b>Method:</b> SW846 8260B SW846 1311	
<b>Project:</b> Trib 2	

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C056945.D	10	07/25/08	LD	07/24/08	OP25784	VC2309
Run #2							

Run #1	Purge Volume
Run #1	5.0 ml
Run #2	

**VOA TCLP Leachate**

**TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	RL	MDL	Units	Q
71-43-2	Benzene	ND	D018	0.50	0.010	0.0040	mg/l	
108-90-7	Chlorobenzene	ND	D021	100	0.020	0.0022	mg/l	
67-66-3	Chloroform	ND	D022	6.0	0.020	0.0028	mg/l	
56-23-5	Carbon tetrachloride	ND	D019	0.50	0.020	0.0022	mg/l	
75-35-4	1,1-Dichloroethylene	ND	D029	0.70	0.020	0.0054	mg/l	
107-06-2	1,2-Dichloroethane	ND	D028	0.50	0.020	0.0034	mg/l	
106-46-7	p-Dichlorobenzene	ND	D027	7.5	0.020	0.0022	mg/l	
78-93-3	Methyl ethyl ketone	ND	D035	200	0.10	0.020	mg/l	
127-18-4	Tetrachloroethylene	ND	D039	0.70	0.020	0.0022	mg/l	
79-01-6	Trichloroethylene	ND	D040	0.50	0.020	0.0032	mg/l	
75-01-4	Vinyl chloride	ND	D043	0.20	0.010	0.0030	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		87-116%
2037-26-5	Toluene-D8	97%		86-112%
460-00-4	4-Bromofluorobenzene	106%		84-120%
17060-07-0	1,2-Dichloroethane-D4	111%		76-127%

ND = Not detected      MDL - Method Detection Limit      J = Indicates an estimated value  
 MCL = Maximum Contamination Level (40 CFR 261 6/96)      B = Indicates analyte found in associated method blank  
 E = Indicates value exceeds calibration range      N = Indicates presumptive evidence of a compound

# Report of Analysis

31  
3

<b>Client Sample ID:</b> T2-DISPOSAL-S-3	
<b>Lab Sample ID:</b> F58914-1	<b>Date Sampled:</b> 07/22/08
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 07/23/08
<b>Method:</b> SW846 8270C SW846 1311	<b>Percent Solids:</b> 66.9
<b>Project:</b> Trib 2	

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U008295.D	1	07/25/08	NAF	07/24/08	OP25789	SU404
Run #2							

Run #1	Initial Volume	Final Volume
Run #1	100 ml	1.0 ml
Run #2		

**ABN TCLP Leachate**

**TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	RL	MDL	Units	Q
95-48-7	2-Methylphenol	ND	D023	200	0.050	0.010	mg/l	
	3&4-Methylphenol	ND	D024	200	0.050	0.010	mg/l	
87-86-5	Pentachlorophenol	ND	D037	100	0.25	0.10	mg/l	
95-95-4	2,4,5-Trichlorophenol	ND	D041	400	0.050	0.014	mg/l	
88-06-2	2,4,6-Trichlorophenol	ND	D042	2.0	0.050	0.014	mg/l	
106-46-7	1,4-Dichlorobenzene	ND	D027	7.5	0.050	0.010	mg/l	
121-14-2	2,4-Dinitrotoluene	ND	D030	0.13	0.050	0.010	mg/l	
118-74-1	Hexachlorobenzene	ND	D032	0.13	0.050	0.010	mg/l	
87-68-3	Hexachlorobutadiene	ND	D033	0.50	0.050	0.025	mg/l	
67-72-1	Hexachloroethane	ND	D034	3.0	0.050	0.025	mg/l	
98-95-3	Nitrobenzene	ND	D036	2.0	0.050	0.010	mg/l	
110-86-1	Pyridine	ND	D038	5.0	0.10	0.019	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	34%		14-62%
4165-62-2	Phenol-d5	22%		10-40%
118-79-6	2,4,6-Tribromophenol	68%		33-118%
4165-60-0	Nitrobenzene-d5	63%		42-108%
321-60-8	2-Fluorobiphenyl	60%		40-106%
1718-51-0	Terphenyl-d14	84%		39-121%

ND = Not detected      MDL - Method Detection Limit      J = Indicates an estimated value  
MCL = Maximum Contamination Level (40 CFR 261 6/96)      B = Indicates analyte found in associated method blank  
E = Indicates value exceeds calibration range      N = Indicates presumptive evidence of a compound

## Report of Analysis

3.1  
3

<b>Client Sample ID:</b> T2-DISPOSAL-S-3	<b>Date Sampled:</b> 07/22/08
<b>Lab Sample ID:</b> F58914-1	<b>Date Received:</b> 07/23/08
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 66.9
<b>Method:</b> SW846 8151A SW846 3510C	
<b>Project:</b> Trib 2	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD46070.D	1	07/25/08	ME	07/24/08	OP25787	GDD1285
Run #2							

Run #	Initial Volume	Final Volume
Run #1	10.0 ml	10.0 ml
Run #2		

**Herbicide TCLP Leachate**

**TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	RL	MDL	Units	Q
94-75-7	2,4-D	ND	D016	10	0.10	0.034	mg/l	
93-72-1	2,4,5-TP (Silvex)	ND	D017	1.0	0.010	0.0037	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	101%		40-140%

ND = Not detected      MDL - Method Detection Limit      J = Indicates an estimated value  
 MCL = Maximum Contamination Level (40 CFR 261 6/96)      B = Indicates analyte found in associated method blank  
 E = Indicates value exceeds calibration range      N = Indicates presumptive evidence of a compound

## Report of Analysis

31  
3

<b>Client Sample ID:</b> T2-DISPOSAL-S-3		<b>Date Sampled:</b> 07/22/08
<b>Lab Sample ID:</b> F58914-1		<b>Date Received:</b> 07/23/08
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 66.9
<b>Method:</b> SW846 8081A SW846 3510C		
<b>Project:</b> Trib 2		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	KK26996.D	1	07/28/08	AC	07/26/08	OP25806	GKK956
Run #2							

Run #	Initial Volume	Final Volume
Run #1	100 ml	10.0 ml
Run #2		

**Pesticide TCLP Leachate**

**TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	RL	MDL	Units	Q
58-89-9	gamma-BHC (Lindane)	ND	D013	0.40	0.00050	0.00010	mg/l	
12789-03-6	Chlordane	ND	D020	0.030	0.0050	0.0025	mg/l	
72-20-8	Endrin	ND	D012	0.020	0.0010	0.00020	mg/l	
76-44-8	Heptachlor	ND	D031	0.0080	0.00050	0.00010	mg/l	
1024-57-3	Heptachlor epoxide	ND	D031	0.0080	0.00050	0.00010	mg/l	
72-43-5	Methoxychlor	ND	D014	10	0.0010	0.00026	mg/l	
8001-35-2	Toxaphene	ND	D015	0.50	0.025	0.013	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	94%		42-127%
2051-24-3	Decachlorobiphenyl	99%		27-127%

ND = Not detected      MDL - Method Detection Limit      J = Indicates an estimated value  
 MCL = Maximum Contamination Level (40 CFR 261 6/96)      B = Indicates analyte found in associated method blank  
 E = Indicates value exceeds calibration range      N = Indicates presumptive evidence of a compound

## Report of Analysis

31  
3

<b>Client Sample ID:</b> T2-DISPOSAL-S-3	<b>Date Sampled:</b> 07/22/08
<b>Lab Sample ID:</b> F58914-1	<b>Date Received:</b> 07/23/08
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 66.9
<b>Project:</b> Trib 2	

**Metals Analysis, TCLP Leachate SW846 1311**

Analyte	Result	HW#	MCL	RL	MDL	Units	DF	Prep	Analyzed By	Method
Arsenic	0.029 J	D004	5.0	0.050	0.0054	mg/l	1	07/24/08	07/24/08	RS SW846 6010B <sup>1</sup>
Barium	0.28 J	D005	100	1.0	0.20	mg/l	1	07/24/08	07/24/08	RS SW846 6010B <sup>1</sup>
Cadmium	0.38	D006	1.0	0.0050	0.0010	mg/l	1	07/24/08	07/24/08	RS SW846 6010B <sup>1</sup>
Chromium	0.017	D007	5.0	0.010	0.0020	mg/l	1	07/24/08	07/24/08	RS SW846 6010B <sup>1</sup>
Lead	0.25	D008	5.0	0.050	0.0020	mg/l	1	07/24/08	07/24/08	RS SW846 6010B <sup>1</sup>
Mercury	0.0015 U	D009	0.20	0.010	0.0015	mg/l	1	07/25/08	07/25/08	LM SW846 7470A <sup>2</sup>
Selenium	0.020 U	D010	1.0	0.050	0.020	mg/l	1	07/24/08	07/24/08	RS SW846 6010B <sup>1</sup>
Silver	0.0014 U	D011	5.0	0.010	0.0014	mg/l	1	07/24/08	07/24/08	RS SW846 6010B <sup>1</sup>

- (1) Instrument QC Batch: MA6634
- (2) Instrument QC Batch: MA6637
- (3) Prep QC Batch: MP14790
- (4) Prep QC Batch: MP14794

---

RL = Reporting Limit      MDL = Method Detection Limit      U = Indicates a result < MDL  
 MCL = Maximum Contamination Level (40 CFR 261 6/96)      J = Indicates a result > = MDL but < RL

## Report of Analysis

<b>Client Sample ID:</b> T2-DISPOSAL-S-3	<b>Date Sampled:</b> 07/22/08
<b>Lab Sample ID:</b> F58914-1	<b>Date Received:</b> 07/23/08
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 66.9
<b>Project:</b> Trib 2	

### General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Corrosivity as pH	7.0				1	07/23/08	SD	SW846 CHAP7
Cyanide Reactivity	2.2 U	2.2	2.2	mg/kg	1	07/29/08	CP	SW846 CHAP7
Ignitability (Flashpoint) <sup>a</sup>	> 200			Deg. F	1	07/28/08	CP	SW846 1010
Solids, Percent	66.9			%	1	07/24/08	AL	SM19 2540B M
Sulfide Reactivity	50 U	50	50	mg/kg	1	07/25/08	LT	SW846 CHAP7

(a) Not ignitable

RL = Reporting Limit  
MDL = Method Detection Limit

U = Indicates a result < MDL  
J = Indicates a result > = MDL but < RL



## Misc. Forms

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### Custody Documents and Other Forms

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Includes the following where applicable:

- Certification Exceptions
- Chain of Custody



**ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION**

ACCUTEST'S JOB NUMBER: F58914 CLIENT: Rhea PROJECT: Trib 2 - Cherry Point  
 DATE/TIME RECEIVED: 7.23.08 09:30 # OF COOLERS RECEIVED: 1 COOLER TEMPS: 24  
 METHOD OF DELIVERY: FEDEX UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER  
 AIRBILL NUMBERS: 6651 5857 2721

**COOLER INFORMATION**

- CUSTODY SEAL NOT PRESENT OR NOT INTACT
- CHAIN OF CUSTODY NOT RECEIVED (COC)
- ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- TEMPERATURE CRITERIA NOT MET
- WET ICE RECEIVED IN COOLER

**TRIP BLANK INFORMATION**

- TRIP BLANK PROVIDED
- TRIP BLANK NOT PROVIDED
- TRIP BLANK NOT ON COC
- TRIP BLANK INTACT
- TRIP BLANK NOT INTACT
- RECEIVED WATER TRIP BLANK
- RECEIVED SOIL TRIP BLANK

**MISC. INFORMATION**

NUMBER OF ENCORES ? 0  
 NUMBER OF 5035 FIELD KITS ? 0  
 NUMBER OF LAB FILTERED METALS ? 0

SUMMARY OF COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**SAMPLE INFORMATION**

- SAMPLE LABELS NOT PRESENT ON ALL BOTTLES
  - CORRECT NUMBER OF CONTAINERS USED
  - SAMPLE RECEIVED IMPROPERLY PRESERVED
  - INSUFFICIENT VOLUME FOR ANALYSIS
  - TIMES ON COC DOES NOT MATCH LABEL(S)
  - ID'S ON COC DOES NOT MATCH LABEL(S)
  - VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
  - BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
  - NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
  - UNCLEAR FILTERING INSTRUCTIONS
  - UNCLEAR COMPOSITING INSTRUCTIONS
  - SAMPLE CONTAINER(S) RECEIVED BROKEN
  - % SOLIDS JAR NOT RECEIVED
  - 5035 FIELD KIT NOT FROZEN WITHIN 48 HOURS
  - RESIDUAL CHLORINE PRESENT
- ( APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)

TECHNICIAN SIGNATURE/DATE E.T. 7.23.08 TECHNICIAN SIGNATURE/DATE LC 7-23-08 ASBD 12/17/07



Technical Report for

Rhea Engineers & Consultants, Inc

Trib 2

367

Accutest Job Number: F58988

Sampling Date: 07/24/08

Report to:

Rhea Engineers & Consultants, Inc

erica@rhea.us  
brad@rhea.us  
ATTN: Brad McCalla

Total number of pages in report: **15**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

  
Harry Behzadi, Ph.D.  
Laboratory Director

Client Service contact: Jean Dent-Smith 407-425-6700

Certifications: FL (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK  
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Test results relate only to samples analyzed.



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## Sample Summary

Rhea Engineers & Consultants, Inc

**Job No:** F58988

Trib 2

Project No: 367

Sample Number	Collected		Matrix		Client Sample ID
	Date	Time By	Received	Code Type	
F58988-1	07/24/08	14:00 BAM	07/25/08	SO Soil	T2-DISPOSAL-S-4

---

Soil samples reported on a dry weight basis unless otherwise indicated on result page.



## Sample Results

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## Report of Analysis

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## Report of Analysis

<b>Client Sample ID:</b> T2-DISPOSAL-S-4	<b>Date Sampled:</b> 07/24/08
<b>Lab Sample ID:</b> F58988-1	<b>Date Received:</b> 07/25/08
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 71.2
<b>Method:</b> SW846 8260B SW846 1311	
<b>Project:</b> Trib 2	

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J040030.D	10	07/29/08	KW	07/28/08	OP25811	VJ2536
Run #2							

Run #1	Purge Volume
Run #1	5.0 ml
Run #2	

**VOA TCLP Leachate**

**TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	RL	MDL	Units	Q
71-43-2	Benzene	ND	D018	0.50	0.010	0.0040	mg/l	
108-90-7	Chlorobenzene	ND	D021	100	0.020	0.0022	mg/l	
67-66-3	Chloroform	ND	D022	6.0	0.020	0.0028	mg/l	
56-23-5	Carbon tetrachloride	ND	D019	0.50	0.020	0.0022	mg/l	
75-35-4	1,1-Dichloroethylene	ND	D029	0.70	0.020	0.0054	mg/l	
107-06-2	1,2-Dichloroethane	ND	D028	0.50	0.020	0.0034	mg/l	
106-46-7	p-Dichlorobenzene	ND	D027	7.5	0.020	0.0022	mg/l	
78-93-3	Methyl ethyl ketone	ND	D035	200	0.10	0.020	mg/l	
127-18-4	Tetrachloroethylene	ND	D039	0.70	0.020	0.0022	mg/l	
79-01-6	Trichloroethylene	ND	D040	0.50	0.020	0.0032	mg/l	
75-01-4	Vinyl chloride	ND	D043	0.20	0.010	0.0030	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		87-116%
2037-26-5	Toluene-D8	95%		86-112%
460-00-4	4-Bromofluorobenzene	98%		84-120%
17060-07-0	1,2-Dichloroethane-D4	91%		76-127%

ND = Not detected      MDL - Method Detection Limit      J = Indicates an estimated value  
 MCL = Maximum Contamination Level (40 CFR 261 6/96)      B = Indicates analyte found in associated method blank  
 E = Indicates value exceeds calibration range      N = Indicates presumptive evidence of a compound

## Report of Analysis

<b>Client Sample ID:</b> T2-DISPOSAL-S-4		<b>Date Sampled:</b> 07/24/08
<b>Lab Sample ID:</b> F58988-1		<b>Date Received:</b> 07/25/08
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 71.2
<b>Method:</b> SW846 8270C SW846 1311		
<b>Project:</b> Trib 2		

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X002658.D	1	07/29/08	NAF	07/29/08	OP25831	SX136
Run #2							

Run #1	Initial Volume	Final Volume
Run #1	100 ml	1.0 ml
Run #2		

**ABN TCLP Leachate**

**TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	RL	MDL	Units	Q
95-48-7	2-Methylphenol	ND	D023	200	0.050	0.010	mg/l	
	3&4-Methylphenol	ND	D024	200	0.050	0.010	mg/l	
87-86-5	Pentachlorophenol	ND	D037	100	0.25	0.10	mg/l	
95-95-4	2,4,5-Trichlorophenol	ND	D041	400	0.050	0.014	mg/l	
88-06-2	2,4,6-Trichlorophenol	ND	D042	2.0	0.050	0.014	mg/l	
106-46-7	1,4-Dichlorobenzene	ND	D027	7.5	0.050	0.010	mg/l	
121-14-2	2,4-Dinitrotoluene	ND	D030	0.13	0.050	0.010	mg/l	
118-74-1	Hexachlorobenzene	ND	D032	0.13	0.050	0.010	mg/l	
87-68-3	Hexachlorobutadiene	ND	D033	0.50	0.050	0.025	mg/l	
67-72-1	Hexachloroethane	ND	D034	3.0	0.050	0.025	mg/l	
98-95-3	Nitrobenzene	ND	D036	2.0	0.050	0.010	mg/l	
110-86-1	Pyridine	ND	D038	5.0	0.10	0.019	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	45%		14-62%
4165-62-2	Phenol-d5	29%		10-40%
118-79-6	2,4,6-Tribromophenol	83%		33-118%
4165-60-0	Nitrobenzene-d5	79%		42-108%
321-60-8	2-Fluorobiphenyl	79%		40-106%
1718-51-0	Terphenyl-d14	89%		39-121%

ND = Not detected      MDL - Method Detection Limit      J = Indicates an estimated value  
 MCL = Maximum Contamination Level (40 CFR 261 6/96)      B = Indicates analyte found in associated method blank  
 E = Indicates value exceeds calibration range      N = Indicates presumptive evidence of a compound

## Report of Analysis

<b>Client Sample ID:</b> T2-DISPOSAL-S-4	
<b>Lab Sample ID:</b> F58988-1	<b>Date Sampled:</b> 07/24/08
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 07/25/08
<b>Method:</b> SW846 8015	<b>Percent Solids:</b> 71.2
<b>Project:</b> Trib 2	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QR042487.D	1	07/25/08	AH	n/a	n/a	GQR1836
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.32 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	42.2	8.6	4.3	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	121% <sup>a</sup>		56-136%		
460-00-4	4-Bromofluorobenzene	208% <sup>b</sup>		56-136%		
98-08-8	aaa-Trifluorotoluene	79%		61-121%		

(a) Result reported from PID.

(b) Outside control limits due to matrix interference.

ND = Not detected      MDL - Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

## Report of Analysis

<b>Client Sample ID:</b> T2-DISPOSAL-S-4		<b>Date Sampled:</b> 07/24/08
<b>Lab Sample ID:</b> F58988-1		<b>Date Received:</b> 07/25/08
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 71.2
<b>Method:</b> SW846 8151A SW846 8151A		
<b>Project:</b> Trib 2		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD46174.D	1	08/01/08	FS	07/29/08	OP25833	GDD1289
Run #2							

Run #	Initial Volume	Final Volume
Run #1	10.0 ml	10.0 ml
Run #2		

**Herbicide TCLP Leachate**

**TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	RL	MDL	Units	Q
94-75-7	2,4-D	ND	D016	10	0.10	0.034	mg/l	
93-72-1	2,4,5-TP (Silvex)	ND	D017	1.0	0.010	0.0037	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	116%		40-140%

ND = Not detected      MDL - Method Detection Limit      J = Indicates an estimated value  
 MCL = Maximum Contamination Level (40 CFR 261 6/96)      B = Indicates analyte found in associated method blank  
 E = Indicates value exceeds calibration range      N = Indicates presumptive evidence of a compound

## Report of Analysis

<b>Client Sample ID:</b> T2-DISPOSAL-S-4		<b>Date Sampled:</b> 07/24/08
<b>Lab Sample ID:</b> F58988-1		<b>Date Received:</b> 07/25/08
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 71.2
<b>Method:</b> SW846 8081A SW846 1311		
<b>Project:</b> Trib 2		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	TT13402.D	1	07/30/08	AC	07/29/08	OP25832	GTT443
Run #2							

Run #	Initial Volume	Final Volume
Run #1	100 ml	10.0 ml
Run #2		

**Pesticide TCLP Leachate**

**TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	RL	MDL	Units	Q
58-89-9	gamma-BHC (Lindane)	ND	D013	0.40	0.00050	0.00010	mg/l	
12789-03-6	Chlordane	ND	D020	0.030	0.0050	0.0025	mg/l	
72-20-8	Endrin	ND	D012	0.020	0.0010	0.00020	mg/l	
76-44-8	Heptachlor	ND	D031	0.0080	0.00050	0.00010	mg/l	
1024-57-3	Heptachlor epoxide	ND	D031	0.0080	0.00050	0.00010	mg/l	
72-43-5	Methoxychlor	ND	D014	10	0.0010	0.00026	mg/l	
8001-35-2	Toxaphene	ND	D015	0.50	0.025	0.013	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	87%		42-127%
2051-24-3	Decachlorobiphenyl	88%		27-127%

ND = Not detected      MDL - Method Detection Limit      J = Indicates an estimated value  
 MCL = Maximum Contamination Level (40 CFR 261 6/96)      B = Indicates analyte found in associated method blank  
 E = Indicates value exceeds calibration range      N = Indicates presumptive evidence of a compound

## Report of Analysis

<b>Client Sample ID:</b> T2-DISPOSAL-S-4	
<b>Lab Sample ID:</b> F58988-1	<b>Date Sampled:</b> 07/24/08
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 07/25/08
<b>Method:</b> SW846 8015 M SW846 3550B	<b>Percent Solids:</b> 71.2
<b>Project:</b> Trib 2	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF26989.D	5	07/29/08	NY	07/29/08	OP25827	GZF1204
Run #2							

Run #	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28) <sup>a</sup>	343	58	35	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
84-15-1	o-Terphenyl	75%		49-108%		

(a) Petroleum hydrocarbon pattern extends beyond C28.

ND = Not detected      MDL - Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

## Report of Analysis

<b>Client Sample ID:</b> T2-DISPOSAL-S-4	<b>Date Sampled:</b> 07/24/08
<b>Lab Sample ID:</b> F58988-1	<b>Date Received:</b> 07/25/08
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 71.2
<b>Project:</b> Trib 2	

### Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	RL	MDL	Units	DF	Prep	Analyzed By	Method
Arsenic	0.031 J	D004	5.0	0.050	0.0054	mg/l	1	07/29/08	07/29/08	RS SW846 6010B <sup>2</sup>
Barium	0.59 J	D005	100	1.0	0.20	mg/l	1	07/29/08	07/29/08	RS SW846 6010B <sup>2</sup>
Cadmium	0.32	D006	1.0	0.0050	0.0010	mg/l	1	07/29/08	07/29/08	RS SW846 6010B <sup>2</sup>
Chromium	0.020	D007	5.0	0.010	0.0020	mg/l	1	07/29/08	07/29/08	RS SW846 6010B <sup>2</sup>
Lead	0.21	D008	5.0	0.050	0.0020	mg/l	1	07/29/08	07/29/08	RS SW846 6010B <sup>2</sup>
Mercury	0.0015 U	D009	0.20	0.010	0.0015	mg/l	1	07/29/08	07/29/08	LM SW846 7470A <sup>1</sup>
Selenium	0.020 U	D010	1.0	0.050	0.020	mg/l	1	07/29/08	07/29/08	RS SW846 6010B <sup>2</sup>
Silver	0.0014 U	D011	5.0	0.010	0.0014	mg/l	1	07/29/08	07/29/08	RS SW846 6010B <sup>2</sup>

- (1) Instrument QC Batch: MA6644
- (2) Instrument QC Batch: MA6646
- (3) Prep QC Batch: MP14806
- (4) Prep QC Batch: MP14807

RL = Reporting Limit      MDL = Method Detection Limit      U = Indicates a result < MDL  
MCL = Maximum Contamination Level (40 CFR 261 6/96)      J = Indicates a result > = MDL but < RL

## Report of Analysis

**Client Sample ID:** T2-DISPOSAL-S-4**Lab Sample ID:** F58988-1**Matrix:** SO - Soil**Project:** Trib 2**Date Sampled:** 07/24/08**Date Received:** 07/25/08**Percent Solids:** 71.2**General Chemistry**

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Corrosivity as pH	6.9				1	07/28/08	SD	SW846 CHAP7
Cyanide Reactivity	2.1 U	2.1	2.1	mg/kg	1	07/29/08	CP	SW846 CHAP7
Ignitability (Flashpoint) <sup>a</sup>	> 200			Deg. F	1	07/28/08	CP	SW846 1010
Solids, Percent	71.2			%	1	07/28/08	AL	SM19 2540B M
Sulfide Reactivity	50 U	50	50	mg/kg	1	07/31/08	LT	SW846 CHAP7

(a) Not ignitable

RL = Reporting Limit  
MDL = Method Detection Limit

U = Indicates a result < MDL  
J = Indicates a result > = MDL but < RL



## Misc. Forms

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### Custody Documents and Other Forms

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Includes the following where applicable:

- Certification Exceptions
- Chain of Custody



ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F58988 CLIENT: RHEA ENGINEERS PROJECT: TRIB 2 - CHERRY POINT
DATE/TIME RECEIVED: 7-25-08 09:00 # OF COOLERS RECEIVED: 1 COOLER TEMPS: 20
METHOD OF DELIVERY: FEDEX UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER
AIRBILL NUMBERS: 8651 5857 2710

COOLER INFORMATION

- CUSTODY SEAL NOT PRESENT OR NOT INTACT
CHAIN OF CUSTODY NOT RECEIVED (COC)
ANALYSIS REQUESTED IS UNCLEAR OR MISSING
SAMPLE DATES OR TIMES UNCLEAR OR MISSING
TEMPERATURE CRITERIA NOT MET
WET ICE RECEIVED IN COOLER

TRIP BLANK INFORMATION

- TRIP BLANK PROVIDED
TRIP BLANK NOT PROVIDED
TRIP BLANK NOT ON COC
TRIP BLANK INTACT
TRIP BLANK NOT INTACT
RECEIVED WATER TRIP BLANK
RECEIVED SOIL TRIP BLANK

SAMPLE INFORMATION

- SAMPLE LABELS NOT PRESENT ON ALL BOTTLES
CORRECT NUMBER OF CONTAINERS USED
SAMPLE RECEIVED IMPROPERLY PRESERVED
INSUFFICIENT VOLUME FOR ANALYSIS
TIMES ON COC DOES NOT MATCH LABEL(S)
ID'S ON COC DOES NOT MATCH LABEL(S)
VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
UNCLEAR FILTERING INSTRUCTIONS
UNCLEAR COMPOSITING INSTRUCTIONS
SAMPLE CONTAINER(S) RECEIVED BROKEN
% SOLIDS JAR NOT RECEIVED
5035 FIELD KIT NOT FROZEN WITHIN 48 HOUR'S
RESIDUAL CHLORINE PRESENT
(APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)

MISC. INFORMATION

NUMBER OF ENCORES ?
NUMBER OF 5035 FIELD KITS ?
NUMBER OF LAB FILTERED METALS ?

SUMMARY OF COMMENTS:

TECHNICIAN SIGNATURE/DATE [Signature] 7-25-08 TECHNICIAN SIGNATURE/DATE [Signature] 7-25-08 ASBD 12/17/07

31 3



Technical Report for

Rhea Engineers & Consultants, Inc

Trib 2

367

Accutest Job Number: F59023

Sampling Date: 07/25/08

Report to:

Rhea Engineers & Consultants, Inc

erica@rhea.us  
brad@rhea.us  
ATTN: Brad McCalla

Total number of pages in report: **13**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

  
Harry Behzadi, Ph.D.  
Laboratory Director

Client Service contact: Jean Dent-Smith 407-425-6700

Certifications: FL (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK  
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Test results relate only to samples analyzed.



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## Sample Summary

Rhea Engineers & Consultants, Inc

Job No: F59023

Trib 2  
Project No: 367

Sample Number	Collected		Matrix			Client Sample ID
	Date	Time By	Received	Code	Type	
F59023-1	07/25/08	12:45 BM	07/26/08	SO	Soil	T2-DISPOSAL-S-5

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Soil samples reported on a dry weight basis unless otherwise indicated on result page.



## Sample Results

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## Report of Analysis

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## Report of Analysis

<b>Client Sample ID:</b> T2-DISPOSAL-S-5		<b>Date Sampled:</b> 07/25/08
<b>Lab Sample ID:</b> F59023-1		<b>Date Received:</b> 07/26/08
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 73.8
<b>Method:</b> SW846 8260B SW846 1311		
<b>Project:</b> Trib 2		

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J040033.D	10	07/29/08	KW	07/28/08	OP25811	VJ2536
Run #2							

Run #1	Purge Volume
Run #1	5.0 ml
Run #2	

**VOA TCLP Leachate**

**TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	RL	MDL	Units	Q
71-43-2	Benzene	ND	D018	0.50	0.010	0.0040	mg/l	
108-90-7	Chlorobenzene	ND	D021	100	0.020	0.0022	mg/l	
67-66-3	Chloroform	ND	D022	6.0	0.020	0.0028	mg/l	
56-23-5	Carbon tetrachloride	ND	D019	0.50	0.020	0.0022	mg/l	
75-35-4	1,1-Dichloroethylene	ND	D029	0.70	0.020	0.0054	mg/l	
107-06-2	1,2-Dichloroethane	ND	D028	0.50	0.020	0.0034	mg/l	
106-46-7	p-Dichlorobenzene	ND	D027	7.5	0.020	0.0022	mg/l	
78-93-3	Methyl ethyl ketone	ND	D035	200	0.10	0.020	mg/l	
127-18-4	Tetrachloroethylene	ND	D039	0.70	0.020	0.0022	mg/l	
79-01-6	Trichloroethylene	ND	D040	0.50	0.020	0.0032	mg/l	
75-01-4	Vinyl chloride	ND	D043	0.20	0.010	0.0030	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		87-116%
2037-26-5	Toluene-D8	96%		86-112%
460-00-4	4-Bromofluorobenzene	99%		84-120%
17060-07-0	1,2-Dichloroethane-D4	93%		76-127%

ND = Not detected      MDL - Method Detection Limit      J = Indicates an estimated value  
 MCL = Maximum Contamination Level (40 CFR 261 6/96)      B = Indicates analyte found in associated method blank  
 E = Indicates value exceeds calibration range      N = Indicates presumptive evidence of a compound

## Report of Analysis

<b>Client Sample ID:</b> T2-DISPOSAL-S-5	<b>Date Sampled:</b> 07/25/08
<b>Lab Sample ID:</b> F59023-1	<b>Date Received:</b> 07/26/08
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 73.8
<b>Method:</b> SW846 8270C SW846 1311	
<b>Project:</b> Trib 2	

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X002659.D	1	07/29/08	NAF	07/29/08	OP25831	SX136
Run #2							

Run #1	Initial Volume	Final Volume
Run #1	100 ml	1.0 ml
Run #2		

**ABN TCLP Leachate**

**TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	RL	MDL	Units	Q
95-48-7	2-Methylphenol	ND	D023	200	0.050	0.010	mg/l	
	3&4-Methylphenol	ND	D024	200	0.050	0.010	mg/l	
87-86-5	Pentachlorophenol	ND	D037	100	0.25	0.10	mg/l	
95-95-4	2,4,5-Trichlorophenol	ND	D041	400	0.050	0.014	mg/l	
88-06-2	2,4,6-Trichlorophenol	ND	D042	2.0	0.050	0.014	mg/l	
106-46-7	1,4-Dichlorobenzene	ND	D027	7.5	0.050	0.010	mg/l	
121-14-2	2,4-Dinitrotoluene	ND	D030	0.13	0.050	0.010	mg/l	
118-74-1	Hexachlorobenzene	ND	D032	0.13	0.050	0.010	mg/l	
87-68-3	Hexachlorobutadiene	ND	D033	0.50	0.050	0.025	mg/l	
67-72-1	Hexachloroethane	ND	D034	3.0	0.050	0.025	mg/l	
98-95-3	Nitrobenzene	ND	D036	2.0	0.050	0.010	mg/l	
110-86-1	Pyridine	ND	D038	5.0	0.10	0.019	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	34%		14-62%
4165-62-2	Phenol-d5	21%		10-40%
118-79-6	2,4,6-Tribromophenol	78%		33-118%
4165-60-0	Nitrobenzene-d5	72%		42-108%
321-60-8	2-Fluorobiphenyl	68%		40-106%
1718-51-0	Terphenyl-d14	88%		39-121%

ND = Not detected      MDL - Method Detection Limit      J = Indicates an estimated value  
 MCL = Maximum Contamination Level (40 CFR 261 6/96)      B = Indicates analyte found in associated method blank  
 E = Indicates value exceeds calibration range      N = Indicates presumptive evidence of a compound

## Report of Analysis

<b>Client Sample ID:</b> T2-DISPOSAL-S-5		<b>Date Sampled:</b> 07/25/08
<b>Lab Sample ID:</b> F59023-1		<b>Date Received:</b> 07/26/08
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 73.8
<b>Method:</b> SW846 8151A SW846 8151A		
<b>Project:</b> Trib 2		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD46177.D	1	08/01/08	FS	07/29/08	OP25833	GDD1289
Run #2							

	Initial Volume	Final Volume
Run #1	10.0 ml	10.0 ml
Run #2		

**Herbicide TCLP Leachate**

**TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	RL	MDL	Units	Q
94-75-7	2,4-D	ND	D016	10	0.10	0.034	mg/l	
93-72-1	2,4,5-TP (Silvex)	ND	D017	1.0	0.010	0.0037	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	88%		40-140%

ND = Not detected      MDL - Method Detection Limit      J = Indicates an estimated value  
 MCL = Maximum Contamination Level (40 CFR 261 6/96)      B = Indicates analyte found in associated method blank  
 E = Indicates value exceeds calibration range      N = Indicates presumptive evidence of a compound

## Report of Analysis

<b>Client Sample ID:</b>	T2-DISPOSAL-S-5	<b>Date Sampled:</b>	07/25/08
<b>Lab Sample ID:</b>	F59023-1	<b>Date Received:</b>	07/26/08
<b>Matrix:</b>	SO - Soil	<b>Percent Solids:</b>	73.8
<b>Method:</b>	SW846 8081A SW846 1311		
<b>Project:</b>	Trib 2		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	TT13403.D	1	07/30/08	AC	07/29/08	OP25832	GTT443
Run #2							

Run #	Initial Volume	Final Volume
Run #1	100 ml	10.0 ml
Run #2		

**Pesticide TCLP Leachate**

**TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	RL	MDL	Units	Q
58-89-9	gamma-BHC (Lindane)	ND	D013	0.40	0.00050	0.00010	mg/l	
12789-03-6	Chlordane	ND	D020	0.030	0.0050	0.0025	mg/l	
72-20-8	Endrin	ND	D012	0.020	0.0010	0.00020	mg/l	
76-44-8	Heptachlor	ND	D031	0.0080	0.00050	0.00010	mg/l	
1024-57-3	Heptachlor epoxide	ND	D031	0.0080	0.00050	0.00010	mg/l	
72-43-5	Methoxychlor	ND	D014	10	0.0010	0.00026	mg/l	
8001-35-2	Toxaphene	ND	D015	0.50	0.025	0.013	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	86%		42-127%
2051-24-3	Decachlorobiphenyl	88%		27-127%

ND = Not detected      MDL - Method Detection Limit      J = Indicates an estimated value  
 MCL = Maximum Contamination Level (40 CFR 261 6/96)      B = Indicates analyte found in associated method blank  
 E = Indicates value exceeds calibration range      N = Indicates presumptive evidence of a compound

## Report of Analysis

**Client Sample ID:** T2-DISPOSAL-S-5  
**Lab Sample ID:** F59023-1  
**Matrix:** SO - Soil  
**Project:** Trib 2

**Date Sampled:** 07/25/08  
**Date Received:** 07/26/08  
**Percent Solids:** 73.8

### Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	RL	MDL	Units	DF	Prep	Analyzed By	Method
Arsenic	0.030 J	D004	5.0	0.050	0.0054	mg/l	1	07/29/08	07/29/08	RS SW846 6010B <sup>2</sup>
Barium	0.79 J	D005	100	1.0	0.20	mg/l	1	07/29/08	07/29/08	RS SW846 6010B <sup>2</sup>
Cadmium	0.35	D006	1.0	0.0050	0.0010	mg/l	1	07/29/08	07/29/08	RS SW846 6010B <sup>2</sup>
Chromium	0.024	D007	5.0	0.010	0.0020	mg/l	1	07/29/08	07/29/08	RS SW846 6010B <sup>2</sup>
Lead	0.20	D008	5.0	0.050	0.0020	mg/l	1	07/29/08	07/29/08	RS SW846 6010B <sup>2</sup>
Mercury	0.0015 U	D009	0.20	0.010	0.0015	mg/l	1	07/29/08	07/29/08	LM SW846 7470A <sup>1</sup>
Selenium	0.020 U	D010	1.0	0.050	0.020	mg/l	1	07/29/08	07/29/08	RS SW846 6010B <sup>2</sup>
Silver	0.0014 U	D011	5.0	0.010	0.0014	mg/l	1	07/29/08	07/29/08	RS SW846 6010B <sup>2</sup>

- (1) Instrument QC Batch: MA6644
- (2) Instrument QC Batch: MA6646
- (3) Prep QC Batch: MP14806
- (4) Prep QC Batch: MP14807

RL = Reporting Limit      MDL = Method Detection Limit      U = Indicates a result < MDL  
MCL = Maximum Contamination Level (40 CFR 261 6/96)      J = Indicates a result > = MDL but < RL

## Report of Analysis

<b>Client Sample ID:</b> T2-DISPOSAL-S-5	<b>Date Sampled:</b> 07/25/08
<b>Lab Sample ID:</b> F59023-1	<b>Date Received:</b> 07/26/08
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 73.8
<b>Project:</b> Trib 2	

### General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Corrosivity as pH	6.9				1	07/28/08	SD	SW846 CHAP7
Cyanide Reactivity	2.0 U	2.0	2.0	mg/kg	1	07/29/08	CP	SW846 CHAP7
Ignitability (Flashpoint) <sup>a</sup>	> 200			Deg. F	1	07/28/08	CP	SW846 1010
Solids, Percent	73.8			%	1	07/28/08	AL	SM19 2540B M
Sulfide Reactivity	50 U	50	50	mg/kg	1	07/31/08	LT	SW846 CHAP7

(a) Not ignitable

RL = Reporting Limit  
MDL = Method Detection Limit

U = Indicates a result < MDL  
J = Indicates a result > = MDL but < RL



## Misc. Forms

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### Custody Documents and Other Forms

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Includes the following where applicable:

- Certification Exceptions
- Chain of Custody



**ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION**

ACCUTEST'S JOB NUMBER: F59023 CLIENT: Rhea PROJECT: TRIP 2 - Cherry Point  
 DATE/TIME RECEIVED: 7-26-08 09:00 # OF COOLERS RECEIVED: 1 COOLER TEMPS: 1.0  
 METHOD OF DELIVERY:  FEDEX  UPS  ACCUTEST COURIER  GREYHOUND  DELIVERY  OTHER  
 AIRBILL NUMBERS: 8651 5857 2272

**COOLER INFORMATION**

- CUSTODY SEAL NOT PRESENT OR NOT INTACT
- CHAIN OF CUSTODY NOT RECEIVED (COC)
- ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- TEMPERATURE CRITERIA NOT MET
- WET ICE RECEIVED IN COOLER

**TRIP BLANK INFORMATION**

- TRIP BLANK PROVIDED
- TRIP BLANK NOT PROVIDED
- TRIP BLANK NOT ON COC
- TRIP BLANK INTACT
- TRIP BLANK NOT INTACT
- RECEIVED WATER TRIP BLANK
- RECEIVED SOIL TRIP BLANK

**MISC. INFORMATION**

NUMBER OF ENCORES ? 0  
 NUMBER OF 5035 FIELD KITS ? 0  
 NUMBER OF LAB FILTERED METALS ? 0

SUMMARY OF COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**SAMPLE INFORMATION**

- SAMPLE LABELS NOT PRESENT ON ALL BOTTLES
- CORRECT NUMBER OF CONTAINERS USED
- SAMPLE RECEIVED IMPROPERLY PRESERVED
- INSUFFICIENT VOLUME FOR ANALYSIS
- TIMES ON COC DOES NOT MATCH LABEL(S)
- ID'S ON COC DOES NOT MATCH LABEL(S)
- VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- UNCLEAR FILTERING INSTRUCTIONS
- UNCLEAR COMPOSITING INSTRUCTIONS
- SAMPLE CONTAINER(S) RECEIVED BROKEN
- % SOLIDS JAR NOT RECEIVED
- 5035 FIELD KIT NOT FROZEN WITHIN 48 HOURS
- RESIDUAL CHLORINE PRESENT  
 ( APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)

TECHNICIAN SIGNATURE/DATE E.T. 7-26-08 TECHNICIAN SIGNATURE/DATE JE 7-26-08 ASBD 12/17/07

31  
3

## **APPENDIX D**

# **LANDFILL & DISPOSAL RECORDS**



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 4

ATLANTA FEDERAL CENTER  
100 ALABAMA STREET, S.W.  
ATLANTA, GEORGIA 30303-3104

December 5, 1996

4WD-RCRA

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

Mr. Greg Elkins  
East Carolina Environmental Services  
1922 Republican Road  
Aulander, NC 27805

SUBJ: CERCLA Off-site Rule: Affirmative Determination of  
Acceptability for East Carolina Environmental Inc.,  
Bertie County, Aulander, North Carolina  
North Carolina Department of Environment, Health, &  
Natural Resources Solid Waste Permit Number 08-03.

Dear Mr. Elkins:

The U.S. Environmental Protection Agency Region 4 (EPA) has made an affirmative determination of acceptability for the receipt of non-hazardous CERCLA off-site waste at the Subtitle D lined section of **East Carolina Environmental Services (ECES)**, Bertie County, Aulander, North Carolina, North Carolina Department of Environment, Health, and Natural Resources Solid Waste Permit Number 08-03. Pursuant to 40 C.F.R. §300.440(a)(4), EPA has completed an initial assessment of ECES, and finds that the Subtitle D lined cell at ECES is acceptable for the receipt of non-hazardous off-site waste. Such off-site waste is defined as those wastes generated as a result of activities authorized pursuant to, or funded by, the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

On September 22, 1993, EPA amended the National Oil and Hazardous Substances Pollution Contingency Plan, 40 C.F.R. Part 300, by adding Section 300.440, now known as the Off-site Rule. The rule implements and codifies the requirements contained in CERCLA Section 121(d)(3), and incorporates many provisions of the November 13, 1987, OSWER Directive (No. 9834.11), known as the Off-site Policy. The Off-site Rule establishes the criteria and procedures for determining if facilities are acceptable for the off-site receipt of CERCLA waste, and outlines the actions affected by the standard.

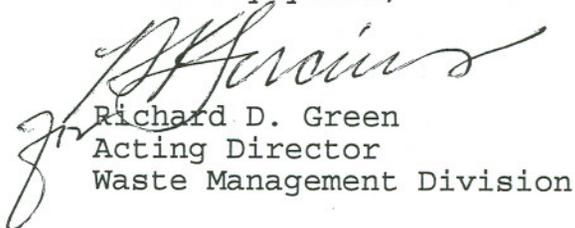
The Off-site Rule requires that prior to a facility's initial receipt of CERCLA waste, EPA shall determine if there are relevant releases or relevant violations at the facility. EPA believes that affirmative determinations of "compliance" and "control of releases" are necessary before a facility may be deemed acceptable for the receipt of CERCLA wastes.

This affirmative determination of ECES is based on information provided by representatives of the North Carolina Department of Environment, Health, and Natural Resources (DEHNR). On July 10, 1996, DEHNR conducted an inspection to determine ECES's compliance with the applicable state regulations and effective operating permits. The results of the inspection indicate that the Subtitle D lined cell at ECES is currently in compliance with applicable environmental standards. Based on communication with DEHNR personnel, the U.S. EPA Regional Office has no information indicating any environmentally significant release of hazardous substances from the Subtitle D lined receiving unit. Therefore, effective upon receipt of this letter ECES is acceptable to receive non-hazardous CERCLA off-site waste at the Subtitle D lined cell of the facility described above. EPA would like to make it clear that the affirmative determination of acceptability is for the Subtitle D lined cell only. Should any new information affecting this determination develop, EPA reserves its right to revisit this decision.

Please note that this determination does not supersede the requirements of Subtitle C of the Resource Conservation and Recovery Act for CERCLA wastes which are also hazardous.

The CERCLA off-site status for ECES is acceptable for subtitle D solid waste and will remain so until EPA notifies you otherwise. However, please note that the CERCLA off-site status for your facility is dynamic in nature and is subject to change. If you have any questions concerning this matter, please contact Houston Gilliland Jr., at (404) 562-8617.

Sincerely yours,



Richard D. Green  
Acting Director  
Waste Management Division

Enclosure

cc: Chuck Boyette, DEHNR, w/enclosure  
William L. Meyer, DEHNR



Facility Permit No: 08-03  
Part 2-Permit to Operate  
Version 6: Phase IV, Cell 11B  
Doc ID: RCO241  
June 15, 2006  
Page 1 of 8

NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES  
Dexter R. Matthews, Director  
Division of Waste Management  
Michael F. Easley, Governor  
William G. Ross Jr., Secretary

STATE OF NORTH CAROLINA  
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES  
DIVISION OF WASTE MANAGEMENT

**MUNICIPAL SOLID WASTE LANDFILL FACILITY PERMIT**

REPUBLIC SERVICES OF NORTH CAROLINA, LLC, a wholly owned subsidiary of  
REPUBLIC SERVICES, INC. of Ft. Lauderdale, FL, d.b.a.  
EAST CAROLINA ENVIRONMENTAL, Operator  
are hereby issued a

**PERMIT to OPERATE**  
EAST CAROLINA REGIONAL LANDFILL  
MUNICIPAL SOLID WASTE LANDFILL FACILITY  
PHASE IV (CELL 11B)

Located on NCSR 1225 (Republican Road), Bertie County, North Carolina in accordance with Article 9, Chapter 130A, of the General Statutes of North Carolina and all rules promulgated thereunder and subject to the conditions set forth in this permit. The facility is located and described by the legal description of the site or the property map contained within the approved application.

Edward F. Mussler III  
CN = Edward F. Mussler III,  
C = US, O = Division of  
Waste Management, OU =  
Solid Waste Section  
I have reviewed this  
document and I am approving  
this document  
2006.06.15 09:28:13 -04'00'

Edward F. Mussler, III, P.E.,  
Permitting Branch Supervisor  
Permitting Branch  
Solid Waste Section

**ATTACHMENT 3**

**PART I: GENERAL FACILITY CONDITIONS**

<b>Issuance</b>	<b>Date</b>
Original Issue (PTC)	August 6, 1993
Original Issue (PTO)	October 8, 1993
Modification (PTO)	December 2, 1994
Renewal (PTO)	April 18, 1997
Version 1 (PTO)	November 8, 2000
Modification (PTO)	June 23, 2003
Version 2 (PTO) Cell 10	September 23, 2003
Modification (PTO)	February 19, 2004
Version 3 (PTO & PTC) New Rate & Size	June 17, 2005
Version 4 (PTC) Cells 11 and 12	July 14, 2005
Version 5 (PTO) Cell 11A – Lower End	March 28, 2006

**PART II: MUNICIPAL SOLID WASTE LANDFILL CONDITIONS**

1. *Technical Specification for Alternative Protective Cover, Construction of Cell No. 10, East Carolina Regional MSW Landfill, Bertie County, North Carolina.* Prepared for: Republic Services of North Carolina, LLC. Prepared by: Hodges, Harbin, Newberry & Tribble, Inc., Macon, GA. November 2002. Includes revised Sheets 2 and 4 of 7, PTC Drawings.
2. *Construction Quality Assurance Report. Cell No. 10, East Carolina Regional MSW Landfill, Bertie County, North Carolina.* Prepared for: Hodges, Harbin, Newberry & Tribble, Inc., Macon, GA. Prepared by: Bunnell-Lammons Engineering, Inc. Greenville, SC. August 2, 2003 as amended through September 12, 2003. Volumes 1 – 3. BLE Project Number J03-1001-41.
3. *Permit to Construct, Expanded East Carolina Regional MSW Landfill. Bertie County, North Carolina.* Prepared for: Republic Services of North Carolina, LLC. Prepared by: Hodges, Harbin, Newberry and Tribble, Inc. Macon, GA. April 2004.
4. *Construction Quality Assurance Report. Cell No. 11 Lower End, East Carolina Regional MSW Landfill, Bertie County, North Carolina.* Prepared for: Hodges, Harbin, Newberry & Tribble, Inc., Macon, GA. Prepared by: Bunnell-Lammons Engineering, Inc. Greenville, SC. November 29, 2005 as amended through March 15, 2006. BLE Project Number J05-1001-52.
5. *Construction Quality Assurance Report. Cell No. 11 Upper End, East Carolina Regional MSW Landfill, Bertie County, North Carolina.* Prepared for: Hodges, Harbin, Newberry & Tribble, Inc., Macon, GA. Prepared by: Bunnell-Lammons Engineering, Inc. Greenville, SC. May 18, 2006. BLE Project Number J06-1001-55.

**PART III: CONSTRUCTION AND DEMOLITION LANDFILL CONDITIONS**

PART IV: (NOT APPLICABLE)  
LAND CLEARING AND INERT DEBRIS LANDFILL CONDITIONS

PART V: (NOT APPLICABLE)  
YARD WASTE CONDITIONS  
(NOT APPLICABLE)

PART VI: MISCELLANEOUS TREATMENT AND PROCESSING FACILITIES CONDITIONS

1. *Expanded East Carolina Regional MSW Landfill Facility Plan, Waste Solidification Process Modification, Republic Services of North Carolina, LLC, Bertie County, North Carolina.*  
Prepared for: Republic Services of North Carolina, LLC. Prepared by: Hodges, Harbin, Newberry, and Tribble, Inc. March 27, 2003.

- End of Section -

## Conditions of Permit to Operate

### **PART I: GENERAL FACILITY CONDITIONS**

1. This permit shall be reviewed on June 15, 2011, pursuant to 15A NCAC 13B .0201(e). No later than February 15, 2011, the owner or operator shall submit to the Solid Waste Section an amendment to the permit prepared in accordance with 15A NCAC 13B .1603(a)(2) or a permit modification prepared in accordance with 15A NCAC 13B .1603(a)(3), as applicable.
2. In the event of conflicts between this Permit to Operate and previously issued conditions, the conditions of this Permit to Operate shall supersede previously issued conditions.
3. The solid waste management units within this facility shall conform to all operating procedures described in the approved plans, 15A NCAC 13B, and the conditions specified herein.
4. Additional conditions and revision of the approved documents or changes during the operation of the landfill require approval by the North Carolina Solid Waste Section.
5. On or before August 1 annually, the Permittee shall report the amount of tons waste received at this facility and disposed of in the landfill units to the Solid Waste Section and to all counties from which waste was accepted on forms prescribed by the Section. This annual report shall include the following information:
  - a. The reporting period shall be for the previous year beginning July 1 and ending June 30.
  - b. The annual report shall list the amount of waste received and landfilled in tons and be compiled:
    - i) On a monthly basis,
    - ii) By county, city or transfer station of origin,
    - iii) By specific waste type,
    - iv) By disposal location within the facility, and
    - v) By diversion to alternative management facilities.
  - c. A measurement of the volume utilized in the MSW cells shall be performed during the second quarter of the calendar year. The date and volume, in cubic yards, shall be included in the report.
  - d. The amount of waste, in tons, from scale records, disposed in the MSW cells since October 8, 1993 through the date of the annual volume determination.
  - e. The completed report shall be forwarded to the Regional Waste Management Specialist for the facility. A copy of the completed report shall be forwarded to the County Manager of each county from which waste was received.
6. Ground water quality at this facility is subject to the "Classifications and Water Quality Standards Applicable to the Groundwater of North Carolina", 15A NCAC 2L. This includes, but is not limited to, provisions for detection monitoring, assessment, and corrective action.

7. The facility has an approved gross volume of approximately 24,200,000 cubic yards consistent with the approved final contours. Gross volume shall be calculated as the volume between the top of the protective cover and the top of the final cover. Actual waste disposal capacity may vary depending upon waste compaction and amount and type of operational cover.

## **PART II: MUNICIPAL LANDFILL UNIT SPECIFIC CONDITIONS**

### **GENERAL CONDITIONS**

8. This permit approves the operation of Phases I, II, III, and IV with a permitted disposal capacity of approximately 12,192,000 cubic yards of the municipal solid waste landfill as well as the on-site environmental management and protection facilities as describe in the approved plans. Specifically, Phase IV (Cells 11 and 12) has a disposal capacity of approximately 3,925,000 cubic yards.
9. This permit is for the operational approval of Phase IV, Cell 11B. Cell 11B shall be designated as the 5.1 acres of the upper end of Cell 11. Operation of future cells or subcells will require written approval from the Division.
10. The landfill will be constructed in three additional Phases (V – VII). Construction of cells within each phase shall be in accordance with the Division approved plans.
11. This facility is permitted for an average annual disposal rate of approximately 584,000 tons. This corresponds to an approximate disposal rate of 1600 tons per day based on 365 operating days per year, with a maximum variance of 10% facility total within any one annual reporting year as set forth in Document 9, Part II, Attachment 1.
12. The MSW landfill is permitted to receive solid waste generated by and in counties of North Carolina, consistent with local government waste management plans, local government approval and contract and franchise agreement, and as defined in N.C.G.S. §130A-290(a)(35), except where prohibited by North Carolina General Statutes Article 9 of Chapter 130A, and rules adopted by the Commission for Health Services.

### **MONITORING AND REPORTING**

13. Ground water monitoring at this unit shall be as prescribed by the appropriate requirements of 15A NCAC 13B .1630-.1637 and the approved monitoring plan.
14. A readily accessible unobstructed path shall be cleared and maintained so that four-wheel drive vehicles may access monitoring well locations at all times.
15. A field log book which details all development, sampling, repair, and all other pertinent activities associated

with each monitoring well and all sampling activities associated with each surface water and leachate sampling location shall be kept as part of the permanent facility record.

16. Records of all ground-water, surface water and leachate analytical data shall be kept as part of the permanent facility record.
17. Ground water monitoring wells and surface water sampling locations must be sampled for Appendix I constituents at least semi-annually according to the specifications outlined in the approved water quality monitoring plan and the current policies and guidelines of the Section in effect at the time of sampling.
18. Reports of the analytical data for each water quality sampling event shall be submitted to the Section within 60 days of the respective sampling event. Analytical data shall be submitted in a manner prescribed by the Section.
19. The four independent samples which comprise the initial baseline sampling event shall be collected from each ground water monitoring well and the report shall be submitted to the Section within six months after issuance of the Permit to Operate.
20. Untreated leachate shall be sampled and analyzed at least semi-annually concurrently with the ground and surface water sampling. The leachate shall be analyzed for all Appendix I constituents, pH, specific conductance, BOD and COD, phosphate, nitrate, and sulfate. Test results shall be submitted to the Section along with ground and surface water test results. In the event leachate is recirculated, additional leachate sampling may be required.

## **OPERATIONAL CONDITIONS**

21. The landfill unit shall conform to all operating requirements described in the approved plans, 15A NCAC 13B .1626, and the conditions specified herein.
22. The use of tarps as alternative daily cover is approved. Use shall be consistent with prior approved plans. The use of different alternative daily cover requires approval, prior to implementation, by the Solid Waste Section. Requests for alternative daily cover approval must include a plan detailing the comprehensive use and a demonstration of the effectiveness of the alternative daily cover. The plan shall be developed according to Section guidelines. Plans which are approved by the Section will be incorporated into, and made a part of, the approved documents found in Attachments 1 or 3.
23. The use of leachate recirculation as a leachate management tool is approved. Leachate recirculation will be conducted according to the approved plan, Document 1, Attachment 1.
24. The landfill facility is permitted to co-dispose of wastewater treatment sludge generated within the facility's approved service area, subject to the terms and procedures of the approved plan.
25. Closure or partial closure of any MSW landfill unit shall be in accordance with the Closure Plans described

in the approved plans and 15A NCAC 13B .1629. Final Closure Plans shall be submitted to the Division at least 90 days prior to implementation. Closure and Post-closure plans, including financial instruments shall be updated annually pursuant to 15A NCAC 13B .1628.

**PART III: CONSTRUCTION AND DEMOLITION DEBRIS UNIT SPECIFIC CONDITIONS**  
(NOT APPLICABLE)

**PART IV: LAND CLEARING AND INERT DEBRIS UNIT SPECIFIC CONDITIONS**  
(NOT APPLICABLE)

**PART V: YARD WASTE UNIT SPECIFIC CONDITIONS**  
(NOT APPLICABLE)

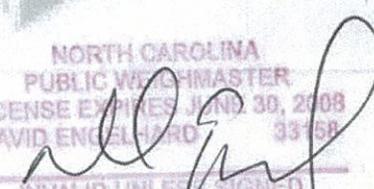
**PART VI: MISCELLANEOUS FACILITIES SPECIFIC CONDITIONS**  
Liquid and Sludge Solidification Processing Unit

26. Operations shall be in accordance with Document 1, Part VI, Attachment 3 and the following conditions.
27. Approval for Operation shall be for a one-year period beginning March 28, 2006. The solidification process shall be reviewed on an annual basis. The facility shall meet any update to the rules or policies of the Section in place at the time of the renewal. The operational approval shall automatically be renewed unless the owner is notified in writing by the Section.
28. Records of the following, at a minimum, shall be maintained: waste material description, solidification agent(s) utilized, waste determination records, tons of waste and solidification agents disposed, date and time of receipt of liquid or sludge waste, date and time of solidification. Records shall be kept in the facility operating record and made available to the Section on request.
29. Liquid and sludge waste shall be processed within 24 hours of receipt. Drums may be stored for 24 hours before processing. Liquid waste shall not be stored, unprocessed, over the weekend.
30. Bulking agents shall be stored on an impervious surface. Dust and leachate formation shall be prevented.
31. Petroleum contaminated soils shall not be used as bulking agents.
32. All liquids, sludge and bulking agents shall be weighed and reported as solid waste for purposes of the Solid Waste Annual Report reporting requirements.
33. Spills must be cleaned up immediately.
34. No odors, vectors or nuisances are allowed in the processing area.
35. Spills that are not to the impervious surface, spills that are not cleaned in a timely manner, vector, odors, incomplete records, accepting wastes or bulking agents that the facility is not permitted to receive, shall be

among the minimum reasons that the processing may be ordered by the facility waste management specialist to cease.

*- End of Section -*

**UNITED STATES MARINE CORPS**  
**AIR STATION CHERRY POINT N.C.**  
**Environmental Affairs Department**  
**OFFICIAL WEIGHT CERTIFICATE**  
**IN DATE 8 July 2008 TIME 0734 AM EAD-4404**

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> ZB-36005 NC #EEB-6	
<b>Name of Driver; (print)</b>  LEONARD MILLS		<b>Driver's Address:</b> Baysden Trucking 1707 River Dr Greenville, NC 27858	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b>  <i>OU1-SBT2-001</i>	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b> 70,520	
	Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. TARE</b> 28,580	
	<b>LBS. NET</b> 41,940		
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
	Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle		
	Number of Passengers 0		
"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"			
<b>License Number</b>  33158	<b>Stamp and Signature</b>  <div style="text-align: center;">   <small>NORTH CAROLINA PUBLIC WEIGHTMASTER LICENSE EXPIRES JUNE 30, 2008 DAVID ENGELHARD 33158 INVALID UNLESS SIGNED</small> </div>		<b>Date/Time out</b>  8 July 2008  9:05 AM



061-SBT2-001

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST
GENERATOR INFORMATION CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.
Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12
City: Havelock County: Craven City: Gibsonia County:
State: NC Zip: 28533 State: PA Zip: 15044
Site Location (if different): OUI SBT2
EAD-4404

Table with 5 columns: Republic Services Approval #, Description of Waste, Volume/Weight, Expiration Date, Container Type. Row 1: 80703, SBT2 SOILS AND SEDIMENTS, 41,940, 7/2/09.

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER for MCASCP

Generator/Authorized Agent Name

Signature

Date Shipped

7/8/08

TRANSPORTER INFORMATION

Transporter Name: RAY SPEN

DOT #

Address:

Truck Number: EEB-6

Phone Number:

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Leonard Mills

Name of Authorized Agent

Signature

Date Delivered

Leonard Mills

7/8/08

DISPOSAL SITE INFORMATION

Site Name: East Carolina Environmental

Phone No. 252-348-3322

Address: 1922 Republican Road Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

Lisa James Dennis Tammy

Quantity Received: 20.92

Name (Print or Type)

Signature

Date Received

Dennis James

7-8-08

White - Disposal Site Copy

Yellow - Final Generator/Agent Copy

Pink - Transporter Copy

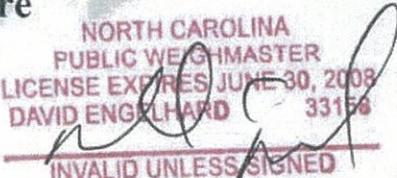
Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS  
AIR STATION CHERRY POINT N.C.**

**Environmental Affairs Department**

**OFFICIAL WEIGHT CERTIFICATE**

**IN DATE 8 July 2008 TIME 0740 AM EAD-4406**

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> ZB-15653 NC #B-32
<b>Name of Driver; (print)</b>  CLENNIE LEE		<b>Driver's Address:</b> Baysden Trucking 1707 River Dr Greenville, NC 27858
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b> <i>OUT - SBT 2 - 002</i>
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b> 70,200
	Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. TARE</b> 27,740
		<b>LBS. NET</b> 42,460
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.
	Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle	
	Number of Passengers 0	
<small>"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"</small>		
<b>License Number</b>  33158	<b>Stamp and Signature</b>   <small>INVALID UNLESS SIGNED</small>	<b>Date/Time out</b>  8 July 2008  9:28 AM



OUI-SBT2-002

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST
GENERATOR INFORMATION CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.
Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12
City: Havelock County: Craven City: Gibsonsia County:
State: NC Zip: 28533 State: PA Zip: 15044
Site Location (if different): OUI SBT2
EAD-4406

Table with 5 columns: Republic Services Approval #, Description of Waste, Volume/Weight, Expiration Date, Container Type. Row 1: 80203, SBT2 SOILS AND SEDIMENTS, 42,460, 7/2/09, DUMP

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER for MCASCP

Generator/Authorized Agent Name

Signature

Date Shipped

7/8/09

TRANSPORTER INFORMATION

Transporter Name: RAYSDEN

DOT #

Address:

Truck Number: B-32

Phone Number:

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Clennie Lee

Signature: Clennie Lee

Name of Authorized Agent

Signature

Date Delivered

7/8/09

DISPOSAL SITE INFORMATION

Site Name: East Carolina Environmental

Phone No. 252-348-3322

Address: 1922 Republican Road Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

Lisa James Dennis Tammy

Quantity Received: 21.14

Name (Print or Type)

Signature

Date Received

White - Disposal Site Copy

Yellow - Final Generator/Agent Copy

Pink - Transporter Copy

Goldenrod - Generator Retain

Signature: Dennis James

7-8-09

**UNITED STATES MARINE CORPS**  
**AIR STATION CHERRY POINT N.C.**  
**Environmental Affairs Department**  
**OFFICIAL WEIGHT CERTIFICATE**  
**IN DATE 8 July 2008 TIME 0735 AM EAD-4405**

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> ZB-14728 NC #B40	
<b>Name of Driver; (print)</b>  LONNIE GAY		<b>Driver's Address:</b> Baysden Trucking 1707 River Dr Greenville, NC 27858	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b> <i>OUI-SBT2-003</i>	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b>	68,460
		<b>LBS. TARE</b>	28,140
		<b>LBS. NET</b>	40,320
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle Number of Passengers 0	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"			
<b>License Number</b>	<b>Stamp and Signature</b>		<b>Date/Time out</b>
33158	<div style="text-align: center;"> <p style="margin: 0; color: red; font-weight: bold;">NORTH CAROLINA PUBLIC WEIGHMASTER LICENSE EXPIRES JUNE 30, 2008 DAVID ENGELHARD 33158</p> <p style="margin: 0; color: red; font-weight: bold;">INVALID UNLESS SIGNED</p> </div>		8 July 2008  9:58 AM



0U1-SBT2-003

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST
GENERATOR INFORMATION CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.
Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12
City: Havelock County: Craven City: Gibsonia County:
State: NC Zip: 28533 State: PA Zip: 15044
Site Location (if different): OUI SBT2
EAD-4405

Table with 5 columns: Republic Services Approval #, Description of Waste, Volume/Weight, Expiration Date, Container Type. Row 1: 80703, SBT2 SOILS AND SEDIMENTS, 40,320, 7/2/09.

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER for MCASCP Generator/Authorized Agent Name Signature Date Shipped 7/8/08

TRANSPORTER INFORMATION

Transporter Name: RAYSDEN DOT #
Address: Truck Number: B-40
Phone Number:

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Lennis PAY Name of Authorized Agent Signature Date Delivered 7/8/08

DISPOSAL SITE INFORMATION

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

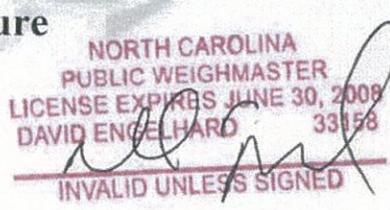
I hereby acknowledge receipt of the above described materials

Lisa James Dennis Tammy

Quantity Received: 20.05

Name (Print or Type) Signature Date Received 7-8-08
White - Disposal Site Copy Yellow - Final Generator/Agent Copy Pink - Transporter Copy Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS**  
**AIR STATION CHERRY POINT N.C.**  
**Environmental Affairs Department**  
**OFFICIAL WEIGHT CERTIFICATE**  
**IN DATE 8 July 2008 TIME 0741 AM EAD-4407**

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> ZB-13272 NC #B-24	
<b>Name of Driver; (print)</b>  ANTHONY REESE		<b>Driver's Address:</b> Baysden Trucking 1707 River Dr Greenville, NC 27858	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b> <i>OUL SBT 2-004</i>	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b>	61,580
		<b>LBS. TARE</b>	26,380
		<b>LBS. NET</b>	35,200
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle Number of Passengers 0	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"			
<b>License Number</b>	<b>Stamp and Signature</b>	<b>Date/Time out</b>	
33158		8 July 2008  10:12 AM	



0U1-SBT2-004

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST
GENERATOR INFORMATION CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.
Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12
City: Havelock County: Craven City: Gibsonia County:
State: NC Zip: 28533 State: PA Zip: 15044
Site Location (if different): OUI SBT2
EAD-4407

Table with 5 columns: Republic Services Approval #, Description of Waste, Volume/Weight, Expiration Date, Container Type. Row 1: 80703, SBT2 SOILS AND SEDIMENTS, 35,200, 7/2/09.

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER for MCASCP

Generator/Authorized Agent Name

Signature

Date Shipped

7/8/08

TRANSPORTER INFORMATION

Transporter Name: BAYSIDEN

DOT #

Address:

Truck Number: B-24

Phone Number:

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Name of Authorized Agent

Signature

Date Delivered

Anthony Rees

Anthony Rees

7/8/08

DISPOSAL SITE INFORMATION

Site Name: East Carolina Environmental

Phone No. 252-348-3322

Address: 1922 Republican Road Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

Lisa James Dennis Tammy

Quantity Received: 17.49

Name (Print or Type)

Signature

Date Received

White - Disposal Site Copy

Yellow - Final Generator/Agent Copy

Pink - Transporter Copy

Goldenrod - Generator Retain

Dennis James

7-8-08

**UNITED STATES MARINE CORPS**  
**AIR STATION CHERRY POINT N.C.**  
**Environmental Affairs Department**  
**OFFICIAL WEIGHT CERTIFICATE**  
**IN DATE 9 July 2008 TIME 0733 AM EAD-4422**

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> ZB-19829 NC #B-56	
<b>Name of Driver; (print)</b>  DONLEY EDWARDS		<b>Driver's Address:</b> Baysden Trucking 1707 River Dr Greenville, NC 27858	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b> <i>DU1-SBT2-005</i>	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b>	67,760
		<b>LBS. TARE</b>	27,180
		<b>LBS. NET</b>	40,580
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle Number of Passengers 0	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"			
<b>License Number</b>	<b>Stamp and Signature</b>	<b>Date/Time out</b>	
33158	<div style="text-align: center;"> <p style="margin: 0; font-size: small;">NORTH CAROLINA PUBLIC WEIGHMASTER LICENSE EXPIRES JUNE 30, 2008 DAVID ENGELHARD 33158</p> <p style="margin: 0; font-size: x-small;">: ALL UNLESS SIGNED</p> </div>	9 July 2008  8:33 AM	



0U1-5BT2-005

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST
GENERATOR INFORMATION CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.
Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12
City: Havelock County: Craven City: Gibsonia County:
State: NC Zip: 28533 State: PA Zip: 15044
Site Location (if different): OUI SBT2
EAD-4422

Table with 5 columns: Republic Services Approval #, Description of Waste, Volume/Weight, Expiration Date, Container Type. Row 1: 80703, SBT2 SOILS AND SEDIMENTS, 40,580, 7/2/09.

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER for MCASCP Generator/Authorized Agent Name Signature Date Shipped 7/9/08

TRANSPORTER INFORMATION

Transporter Name: RAYSDEN DOT #
Address: Truck Number: B-56
Phone Number:

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Darley Edwards Name of Authorized Agent Signature Date Delivered 7/9/08

DISPOSAL SITE INFORMATION

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

Lisa James Dennis Tammy

Quantity Received: 20.21

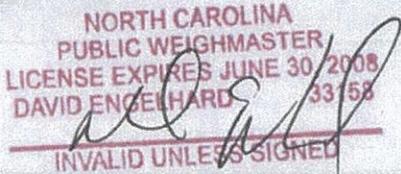
Name (Print or Type) Signature Date Received 7-9-08
White - Disposal Site Copy Yellow - Final Generator/Agent Copy Pink - Transporter Copy Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS  
AIR STATION CHERRY POINT N.C.**

**Environmental Affairs Department**

**OFFICIAL WEIGHT CERTIFICATE**

**IN DATE 9 July 2008 TIME 0730 AM EAD-4421**

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> ZB-36005 NC #EEB-6	
<b>Name of Driver; (print)</b>  LEONARD MILLS		<b>Driver's Address:</b> Baysden Trucking 1707 River Dr Greenville, NC 27858	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b> <i>DU1-SBT2-006</i>	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b>	76,720
	Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. TARE</b>	28,660
		<b>LBS. NET</b>	<b>48,060</b>
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
	Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle		
	Number of Passengers 0		
<small>"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"</small>			
<b>License Number</b>  33158	<b>Stamp and Signature</b>  	<b>Date/Time out</b>  9 July 2008  9:12 AM	



OU1-SBT2-006

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST
GENERATOR INFORMATION CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.
Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12
City: Havelock County: Craven City: Gibsonia County:
State: NC Zip: 28533 State: PA Zip: 15044
Site Location (if different): OU1 SBT2
EAD-4421

Table with 5 columns: Republic Services Approval #, Description of Waste, Volume/Weight, Expiration Date, Container Type. Row 1: 80703, SBT2 SOILS AND SEDIMENTS, 48,060, 7/2/09, DUMP

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER for MCASCP
Generator/Authorized Agent Name

Signature

Date Shipped 7/9/08

TRANSPORTER INFORMATION

Transporter Name: RAYSDEN

DOT #

Address:

Truck Number: EEB-6

Phone Number:

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Leonard Mills
Name of Authorized Agent

Signature

Date Delivered 7/9/08

DISPOSAL SITE INFORMATION

Site Name: East Carolina Environmental

Phone No. 252-348-3322

Address: 1922 Republican Road Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

Lisa James Dennis Tammy

Quantity Received: 23.94

Name (Print or Type)

Signature

Date Received 7-9-08

White - Disposal Site Copy

Yellow - Final Generator/Agent Copy

Pink - Transporter Copy

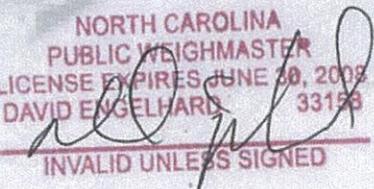
Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS  
AIR STATION CHERRY POINT N.C.**

**Environmental Affairs Department**

**OFFICIAL WEIGHT CERTIFICATE**

**IN DATE 9 July 2008 TIME 0737 AM EAD-4424**

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> ZB-19809 NC #BTB-3	
<b>Name of Driver; (print)</b>  RICHARD COBB		<b>Driver's Address:</b> Baysden Trucking 1707 River Dr Greenville, NC 27858	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b> <i>DU1-SBT2-007</i>	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b>	68,080
	Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. TARE</b>	26,140
		<b>LBS. NET</b>	41,940
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
	Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle		
	Number of Passengers 0		
"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"			
<b>License Number</b>  33158	<b>Stamp and Signature</b>   NORTH CAROLINA PUBLIC WEIGHMASTER LICENSE EXPIRES JUNE 30, 2009 DAVID ENGELHARD 33158 INVALID UNLESS SIGNED	<b>Date/Time out</b>  9 July 2008  9:31 AM	



OUI-5BT2-007

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST
GENERATOR INFORMATION CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.
Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12
City: Havelock County: Craven City: Gibsonia County:
State: NC Zip: 28533 State: PA Zip: 15044
Site Location (if different): OUI SBT2
EAD-4424

Table with 5 columns: Republic Services Approval #, Description of Waste, Volume/Weight, Expiration Date, Container Type. Row 1: 80703, SBT2 SOILS AND SEDIMENTS, 41,940, 7/2/09, DUMP

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOHER for MCASCP Generator/Authorized Agent Name Signature Date Shipped 7/9/08

TRANSPORTER INFORMATION

Transporter Name: RAYSDEN DOT #
Address: Truck Number: BTB-3
Phone Number:

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Richard Cobb Name of Authorized Agent Signature Date Delivered 7/9/08

DISPOSAL SITE INFORMATION

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

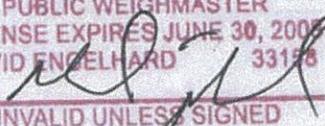
I hereby acknowledge receipt of the above described materials

Lisa James Dennis Tammy

Quantity Received: 20.84

Name (Print or Type) Signature Date Received 7-9-08
White - Disposal Site Copy Yellow - Final Generator/Agent Copy Pink - Transporter Copy Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS**  
**AIR STATION CHERRY POINT N.C.**  
**Environmental Affairs Department**  
**OFFICIAL WEIGHT CERTIFICATE**  
**IN DATE 9 July 2008 TIME 0738 AM EAD-4425**

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> ZB-15653 NC #B-32	
<b>Name of Driver; (print)</b>  CLENNIE LEE		<b>Driver's Address:</b> Baysden Trucking 1707 River Dr Greenville, NC 27858	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b> <i>041-SBT2-008</i>	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b> 74,160 <b>LBS. TARE</b> 27,800 <b>LBS. NET</b> 46,360	
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle Number of Passengers 0	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"			
<b>License Number</b>	<b>Stamp and Signature</b>		<b>Date/Time out</b>
33158	<div style="text-align: center;"> <p style="margin: 0;">NORTH CAROLINA PUBLIC WEIGHMASTER LICENSE EXPIRES JUNE 30, 2008 DAVID ENGELHARD 33158</p>   <p style="margin: 0; font-size: small;">INVALID UNLESS SIGNED</p> </div>		9 July 2008  10:13 AM



041-5BT2-008

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST
GENERATOR INFORMATION CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.
Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12
City: Havelock County: Craven City: Gibsonia County:
State: NC Zip: 28533 State: PA Zip: 15044
Site Location (if different): OU1 SBT2
EAD-4425

Table with 5 columns: Republic Services Approval #, Description of Waste, Volume/Weight, Expiration Date, Container Type. Row 1: 80703, SBT2 SOILS AND SEDIMENTS, 46,360, 7/2/09, DUMP

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER for MCASCP Generator/Authorized Agent Name Signature Date Shipped 7/9/08

TRANSPORTER INFORMATION

Transporter Name: BAYSDEN DOT #
Address: Truck Number: B-32
Phone Number:

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Lonnie Gay Name of Authorized Agent Signature Date Delivered 7/9/08

DISPOSAL SITE INFORMATION

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

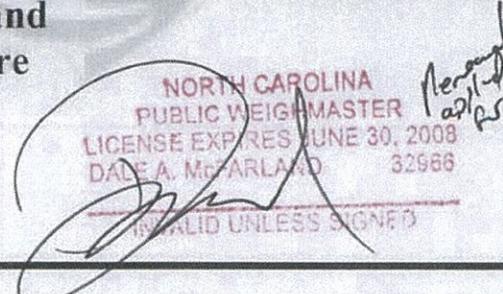
I hereby acknowledge receipt of the above described materials

Lisa James Dennis Tammy Name (Print or Type) Signature Date Received 7-9-08
White - Disposal Site Copy Yellow - Final Generator/Agent Copy Pink - Transporter Copy Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS  
AIR STATION CHERRY POINT N.C.**

**Environmental Affairs Department  
OFFICIAL WEIGHT CERTIFICATE**

**IN DATE 10 July 2008 TIME 0900 AM EAD-4439**

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> ZB-15653 #B-32	
<b>Name of Driver; (print)</b>  Clennie Lee		<b>Driver's Address:</b> Baysden Trucking 1707 River Drive Greenville NC 27858	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b> <i>OU1-SBT2-009</i>	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b>	75,300
	Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. TARE</b>	27,920
		<b>LBS. NET</b>	<b>47,380</b>
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
	Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle		
	Number of Passengers		
"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"			
<b>License Number</b>  32966	<b>Stamp and Signature</b>   <b>NORTH CAROLINA PUBLIC WEIGHMASTER LICENSE EXPIRES JUNE 30, 2008 DALE A. McFARLAND 32966 INVALID UNLESS SIGNED</b>	<b>Date/Time out</b>  10 July 2008  9:08 AM	



OUI-SBT2-009

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST
GENERATOR INFORMATION CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.
Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12
City: Havelock County: Craven City: Gibsonia County:
State: NC Zip: 28533 State: PA Zip: 15044
Site Location (if different): OUI SBT2

Table with 5 columns: Republic Services Approval #, Description of Waste, Volume/Weight, Expiration Date, Container Type. Row 1: 80703, SBT2 SOILS AND SEDIMENTS, 47,380, 7/2/09, Dump.

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER for MCASCP Generator/Authorized Agent Name Signature Date Shipped 10 July 08

TRANSPORTER INFORMATION

(Bill Baysden) Clennie Lee Transporter Name: DOT #
Address: Kinston N.C. Truck Number: B-32
Phone Number: 5234906

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Clennie Lee Name of Authorized Agent Signature Date Delivered 07/10/08

DISPOSAL SITE INFORMATION

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

Lisa James Dennis Tammy Name (Print or Type) Signature Date Received 7-10-08
Quantity Received: 2572
White - Disposal Site Copy Yellow - Final Generator/Agent Copy Pink - Transporter Copy Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS  
AIR STATION CHERRY POINT N.C.**

**Environmental Affairs Department**

**OFFICIAL WEIGHT CERTIFICATE**

**IN DATE 10 July 2008 TIME 0915 AM EAD-4440**

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> ZB-14728 #B-40	
<b>Name of Driver; (print)</b>  Lonnie Gay		<b>Driver's Address:</b> Baysden Trucking 1707 River Drive Greenville NC 27858	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b> <i>DUI-SBT2-010</i>	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b>	75,500
	Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. TARE</b>	28160
		<b>LBS. NET</b>	<b>47,340</b>
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A-Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
	Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle		
	Number of Passengers		
<small>"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"</small>			
<b>License Number</b>  32966	<b>Stamp and Signature</b>   NORTH CAROLINA PUBLIC WEIGHMASTER LICENSE EXPIRES JUNE 30, 2008 DALE A McFARLAND 32966 INVALID UNLESS SIGNED	<b>Date/Time out</b>  10 July 2008  9:20 AM	



041-5BT2-010

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST

GENERATOR INFORMATION

CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.
Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12
City: Havelock County: Craven City: Gibsonia County:
State: NC Zip: 28533 State: PA Zip: 15044
Site Location (if different): OU1 SBT2

Table with 5 columns: Republic Services Approval #, Description of Waste, Volume/Weight, Expiration Date, Container Type. Row 1: 80703, SBT2 SOILS AND SEDIMENTS, 47,340, 7/2/09, Dump

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER for MCASCP
Generator/Authorized Agent Name

Signature

10 July 08
Date Shipped

TRANSPORTER INFORMATION

Transporter Name: Lonnie Gay DOT #
Address: Kingston A. Co Truck Number: B 40
Phone Number: 523.4609

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Lonnie Gay
Name of Authorized Agent

Signature

7-10-08
Date Delivered

DISPOSAL SITE INFORMATION

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

Lisa James Dennis Tammy

Quantity Received: 23.55

Signature

7-10-08
Date Received

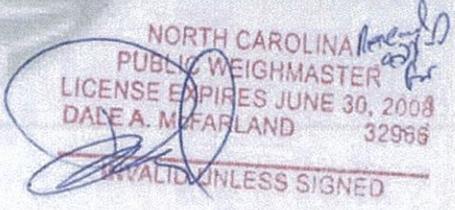
Name (Print or Type) Signature Date Received
White - Disposal Site Copy Yellow - Final Generator/Agent Copy Pink - Transporter Copy Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS  
AIR STATION CHERRY POINT N.C.**

**Environmental Affairs Department**

**OFFICIAL WEIGHT CERTIFICATE**

**IN DATE 10 July 2008 TIME 0915 AM EAD-4442**

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> ZB-36005 #EEB-6	
<b>Name of Driver; (print)</b> Leonard Mills		<b>Driver's Address:</b> Baysden Trucking 1707 River Drive Greenville NC 27858	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b> <i>DUI-5BT2-011</i>	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b>	<b>76300</b>
	Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. TARE</b>	<b>28,580</b>
		<b>LBS. NET</b>	<b>47,720</b>
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law-(G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
	Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle		
	<b>Number of Passengers</b>		
<small>"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"</small>			
<b>License Number</b>  32966	<b>Stamp and Signature</b>   NORTH CAROLINA PUBLIC WEIGHMASTER LICENSE EXPIRES JUNE 30, 2008 DALE A. MCFARLAND 32966 <del>INVALID UNLESS SIGNED</del>	<b>Date/Time out</b>  10 July 2008  10:19 AM	



OU1-SBT2-011

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST
GENERATOR INFORMATION CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.
Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12
City: Havelock County: Craven City: Gibsonia County:
State: NC Zip: 28533 State: PA Zip: 15044
Site Location (if different): OU1 SBT2

Table with 5 columns: Republic Services Approval #, Description of Waste, Volume/Weight, Expiration Date, Container Type. Row 1: 80703, SBT2 SOILS AND SEDIMENTS, 47.720, 7/2/09, Dump

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOHER for MCASCP Generator/Authorized Agent Name Signature Date Shipped 10 July 08

TRANSPORTER INFORMATION

Transporter Name: B-system DOT #
Address: Kinston NC Truck Number: ECD-6
Phone Number: 252-523-4906

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Leonard Mills Name of Authorized Agent Signature Date Delivered 2-10-08

DISPOSAL SITE INFORMATION

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

Lisa James Dennis Tammy Name (Print or Type) Signature Date Received 7-10-08
White - Disposal Site Copy Yellow - Final Generator/Agent Copy Pink - Transporter Copy Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS**  
**AIR STATION CHERRY POINT N.C.**  
**Environmental Affairs Department**  
**OFFICIAL WEIGHT CERTIFICATE**  
**IN DATE 11 July 2008 TIME 0737 AM EAD-4452**

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> ZB-14728 NC #B40	
<b>Name of Driver; (print)</b>  LONNIE GAY		<b>Driver's Address:</b> Baysden Trucking 1707 River Dr Greenville, NC 27858	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b> <i>DUI- SBT2-012</i>	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b>	74,140
		<b>LBS. TARE</b>	28,200
		<b>LBS. NET</b>	<b>45,940</b>
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle Number of Passengers 0	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"			
<b>License Number</b>	<b>Stamp and Signature</b>	<b>Date/Time out</b>	
33158	<div style="text-align: center;"> <p style="color: red; font-size: small;">               NORTH CAROLINA                PUBLIC WEIGHMASTER                LICENSE EXPIRES JUNE 30, 2008                DAVID ENGELHARD 33158             </p> <p style="color: red; font-size: small;">INVALID UNLESS SIGNED</p> </div>	11 July 2008  8:21 AM	



041-SBT2-012

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST
GENERATOR INFORMATION CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.
Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12
City: Havelock County: Craven City: Gibsonia County:
State: NC Zip: 28533 State: PA Zip: 15044
Site Location (if different): OU1 SBT2
EAD-4452

Table with 5 columns: Republic Services Approval #, Description of Waste, Volume/Weight, Expiration Date, Container Type. Row 1: 80703, SBT2 SOILS AND SEDIMENTS, 45,940, 7/2/09, DUMP

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER for MCASCP Generator/Authorized Agent Name Signature Date Shipped 7/11/08

TRANSPORTER INFORMATION

Transporter Name: BAYSDEN DOT #
Address: Truck Number: B-40
Phone Number:

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Lonnie Gay Name of Authorized Agent Signature Date Delivered 7/11/08

DISPOSAL SITE INFORMATION

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

Lisa James Dennis Tammy Name (Print or Type) Signature Date Received 7-11-08
White - Disposal Site Copy Yellow - Final Generator/Agent Copy Pink - Transporter Copy Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS**  
**AIR STATION CHERRY POINT N.C.**  
**Environmental Affairs Department**  
**OFFICIAL WEIGHT CERTIFICATE**  
**IN DATE 11 July 2008 TIME 0738 AM EAD-4453**

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> ZB-15653 NC #B-32	
<b>Name of Driver; (print)</b>  CLENNIE LEE		<b>Driver's Address:</b> Baysden Trucking 1707 River Dr Greenville, NC 27858	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b>  <i>DU1-SBT2-013</i>	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle  Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b> 70,820 <b>LBS. TARE</b> 27,860 <b>LBS. NET</b> 42,960	
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle  Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle  Number of Passengers 0	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"			
<b>License Number</b>  33158	<b>Stamp and Signature</b>  <div style="text-align: center;"> <p style="color: red; font-weight: bold; font-size: small;">             NORTH CAROLINA              PUBLIC WEIGHMASTER              LICENSE EXPIRES JUNE 30, 2008              DAVID ENGELHARD 33158           </p> <p style="color: red; font-weight: bold; font-size: small;">INVALID UNLESS SIGNED</p> </div>		<b>Date/Time out</b>  11 July 2008  8:31 AM



041-5BT2-013

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

**NON-HAZARDOUS WASTE MANIFEST**  
**GENERATOR INFORMATION** **CUSTOMER/BILLING INFORMATION**

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.  
 Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12  
 City: Havelock County: Craven City: Gibsonia County: \_\_\_\_\_  
 State: NC Zip: 28533 State: PA Zip: 15044  
 Site Location (if different): OU1 SBT2  
EAD-14453

Republic Services Approval #	Description of Waste	Volume/Weight	Expiration Date	Container Type
80703	SBT2 SOILS AND SEDIMENTS	42,960	7/2/09	DUMP

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER FOR MCASCP

Generator/Authorized Agent Name

Signature

Date Shipped

7/11/08

**TRANSPORTER INFORMATION**

Transporter Name: BAVSDEN DOT # \_\_\_\_\_  
 Address: \_\_\_\_\_ Truck Number: B-32  
 Phone Number: \_\_\_\_\_

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Name of Authorized Agent

Signature

Date Delivered

7/11/08

**DISPOSAL SITE INFORMATION**

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

Lisa James Dennis Tammy

Quantity Received: 21.29

Name (Print or Type)

Signature

Date Received

White - Disposal Site Copy

Yellow - Final Generator/Agent Copy

Pink - Transporter Copy

Goldenrod - Generator Retain

Signature

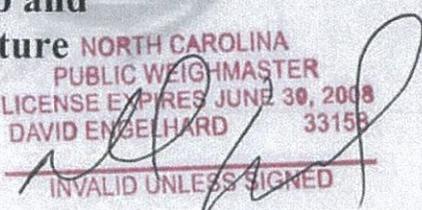
7-11-08

**UNITED STATES MARINE CORPS  
AIR STATION CHERRY POINT N.C.**

**Environmental Affairs Department**

**OFFICIAL WEIGHT CERTIFICATE**

**IN DATE 11 July 2008 TIME 0738 AM EAD-4454**

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> ZB-36005 NC #EEB-6	
<b>Name of Driver; (print)</b>  LEONARD MILLS		<b>Driver's Address:</b> Baysden Trucking 1707 River Dr Greenville, NC 27858	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b> <i>DUI-SBT2-014</i>	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b>	55,260
	Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. TARE</b>	28,660
		<b>LBS. NET</b>	<b>26,600</b>
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
	Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle		
	Number of Passengers 0		
<small>"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"</small>			
<b>License Number</b>  33158	<b>Stamp and Signature</b> NORTH CAROLINA PUBLIC WEIGHMASTER LICENSE EXPIRES JUNE 30, 2008 DAVID ENGELHARD 33158  INVALID UNLESS SIGNED		<b>Date/Time out</b>  11 July 2008  8:49 AM



0U1-SBT2-014

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST
GENERATOR INFORMATION CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.
Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12
City: Havelock County: Craven City: Gibsonia County:
State: NC Zip: 28533 State: PA Zip: 15044
Site Location (if different): OUI SBT2
EAD-4454

Table with 5 columns: Republic Services Approval #, Description of Waste, Volume/Weight, Expiration Date, Container Type. Row 1: 80703, SBT2 soils and sediments, 26,600, 7/2/09, DUMP

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER FOR MCASCP
Generator/Authorized Agent Name Signature Date Shipped 7/11/08

TRANSPORTER INFORMATION

Transporter Name: BAYS DEN DOT #
Address: Truck Number: EEB-6
Phone Number:

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Leonard Mills
Name of Authorized Agent Signature Date Delivered 7/11/08

DISPOSAL SITE INFORMATION

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

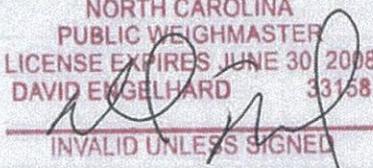
Lisa James Dennis Tammy
Name (Print or Type) Signature Date Received 7-11-08
White - Disposal Site Copy Yellow - Final Generator/Agent Copy Pink - Transporter Copy Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS  
AIR STATION CHERRY POINT N.C.**

Environmental Affairs Department

**OFFICIAL WEIGHT CERTIFICATE**

IN DATE **30 July 2008** TIME **0600 AM** EAD-4487

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> ZB-36005 NC #EEB-6	
<b>Name of Driver; (print)</b>  LEONARD MILLS		<b>Driver's Address:</b> Baysden Trucking 1707 River Dr Greenville, NC 27858	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b> <i>DU1-SBT2-015</i>	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b>	72,640
	Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. TARE</b>	28,500
		<b>LBS. NET</b>	44,140
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
	Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle		
	Number of Passengers 0		
"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"			
<b>License Number</b>  33158	<b>Stamp and Signature</b>  <p align="center">NORTH CAROLINA PUBLIC WEIGHMASTER LICENSE EXPIRES JUNE 30, 2008 DAVID ENGELHARD 33158</p>  <hr/> INVALID UNLESS SIGNED	<b>Date/Time out</b>  30 July 2008  6:41 AM	



OUI-SBT 2-015

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST
GENERATOR INFORMATION CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.
Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12
City: Havelock County: Craven City: Gibsonia County:
State: NC Zip: 28533 State: PA Zip: 15044
Site Location (if different): OUI SBT2
EAD-4487

Table with 5 columns: Republic Services Approval #, Description of Waste, Volume/Weight, Expiration Date, Container Type. Row 1: 80703, SBT2 soils and sediments, 44140, 7/2/09.

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER Generator/Authorized Agent Name for MCASCP Signature Date Shipped 7/30/08

TRANSPORTER INFORMATION

Transporter Name: BAYSOEN DOT # Address: Truck Number: DEB-6 Phone Number:

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Leonard Mills Name of Authorized Agent Signature Date Delivered 7/30/08

DISPOSAL SITE INFORMATION

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

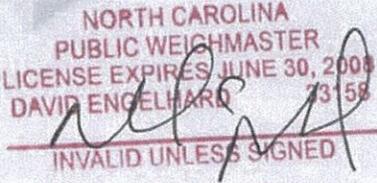
Lisa James Dennis Tammy Name (Print or Type) Signature Date Received 7-30-08
White - Disposal Site Copy Yellow - Final Generator/Agent Copy Pink - Transporter Copy Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS  
AIR STATION CHERRY POINT N.C.**

**Environmental Affairs Department**

**OFFICIAL WEIGHT CERTIFICATE**

**IN DATE 30 July 2008 TIME 0601 AM EAD-4488**

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> ZB-15653 NC #B-32	
<b>Name of Driver; (print)</b>  CLENNIE LEE		<b>Driver's Address:</b> Baysden Trucking 1707 River Dr Greenville, NC 27858	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b> <i>DUI-SBT2-016</i>	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b>	77,820
	Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. TARE</b>	27,860
		<b>LBS. NET</b>	<b>49,960</b>
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
	Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle		
	Number of Passengers 0		
<small>"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"</small>			
<b>License Number</b>  33158	<b>Stamp and Signature</b>  <p align="center">  </p>	<b>Date/Time out</b>  30 July 2008  7:00 AM	



OUI-SBT2-016

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST
GENERATOR INFORMATION CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.
Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12
City: Havelock County: Craven City: Gibsonia County:
State: NC Zip: 28533 State: PA Zip: 15044
Site Location (if different): OUI SBT2
EAD-4488

Table with 5 columns: Republic Services Approval #, Description of Waste, Volume/Weight, Expiration Date, Container Type. Row 1: 80703, OUI SOILS AND SEDIMENTS, 49,960.

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER for MCAS CHERRY POINT
Generator/Authorized Agent Name Signature Date Shipped 7/30/08

TRANSPORTER INFORMATION

Transporter Name: BAYSDEN DOT #
Address: Truck Number: B-32
Phone Number:

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Clennie Lee
Name of Authorized Agent Signature Date Delivered 7/30/08

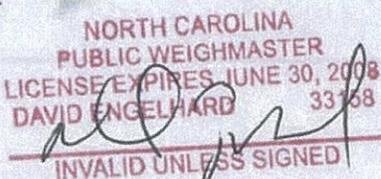
DISPOSAL SITE INFORMATION

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

Lisa James Dennis Tammy
Name (Print or Type) Signature Date Received 7-30-08
White - Disposal Site Copy Yellow - Final Generator/Agent Copy Pink - Transporter Copy Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS**  
**AIR STATION CHERRY POINT N.C.**  
**Environmental Affairs Department**  
**OFFICIAL WEIGHT CERTIFICATE**  
**IN DATE 30 July 2008 TIME 0603 AM EAD-4489**

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> ZB-19805 NC #B-33	
<b>Name of Driver; (print)</b>  GREGORY DALE		<b>Driver's Address:</b> Baysden Trucking 1707 River Dr Greenville, NC 27858	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b>  <i>041-SBT2-017</i>	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle  Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b> 73,340  <b>LBS. TARE</b> 28,520  <b>LBS. NET</b> 44,820	
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle  Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle  Number of Passengers 0	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"			
<b>License Number</b>  33158	<b>Stamp and Signature</b>  <div style="text-align: center;">  <p style="margin: 0;"> <i>David Engelhard</i>              _____              INVALID UNLESS SIGNED           </p> </div>		<b>Date/Time out</b>  30 July 2008  7:13 AM



041-SBT2-017

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST
GENERATOR INFORMATION CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.
Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12
City: Havelock County: Craven City: Gibsonia County:
State: NC Zip: 28533 State: PA Zip: 15044
Site Location (if different): OUI SBT2
EAD - 4489

Table with 5 columns: Republic Services Approval #, Description of Waste, Volume/Weight, Expiration Date, Container Type. Row 1: 80763, OUI SOILS AND SEDIMENTS, 44,820.

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER FOR MCAS CHERRY POINT Generator/Authorized Agent Name Signature Date Shipped 7/30/08

TRANSPORTER INFORMATION

Transporter Name: BAYSOEN DOT #
Address: Truck Number: B-33
Phone Number:

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Gregory L. DeL... Name of Authorized Agent Signature Date Delivered 7/30/08

DISPOSAL SITE INFORMATION

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

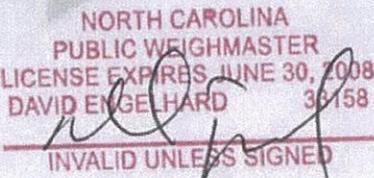
Lisa James Dennis Tammy

Quantity Received: 22.28

Name (Print or Type) Signature Date Received

White - Disposal Site Copy Yellow - Final Generator/Agent Copy Pink - Transporter Copy Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS**  
**AIR STATION CHERRY POINT N.C.**  
**Environmental Affairs Department**  
**OFFICIAL WEIGHT CERTIFICATE**  
**IN DATE 30 July 2008 TIME 0605 AM EAD-4490**

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> ZB-14728 NC #B40	
<b>Name of Driver; (print)</b>  LONNIE GAY		<b>Driver's Address:</b> Baysden Trucking 1707 River Dr Greenville, NC 27858	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b> <i>OUI-SBT2-018</i>	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b> 60,220 <b>LBS. TARE</b> 28,220 <b>LBS. NET</b> 32,000	
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle Number of Passengers 0	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"			
<b>License Number</b>  33158	<b>Stamp and Signature</b>  <div style="text-align: center;">  <p style="font-size: x-small; margin-top: 5px;">INVALID UNLESS SIGNED</p> </div>		<b>Date/Time out</b>  30 July 2008  7:18 AM



DU1-SBT2-018

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST
GENERATOR INFORMATION CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Office MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.
Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12
City: Havelock County: Craven City: Gibsonia County:
State: NC Zip: 28533 State: PA Zip: 15044
Site Location (if different): OUI SBT2
EAD-4490

Table with 5 columns: Republic Services Approval #, Description of Waste, Volume/Weight, Expiration Date, Container Type. Row 1: 80703, OUI SOILS AND SEDIMENTS, 32,000.

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER for MCAS CHERRY POINT
Generator/Authorized Agent Name Signature Date Shipped 7/30/08

TRANSPORTER INFORMATION

Transporter Name: BAYDEN DOT #
Address: Truck Number: B-40
Phone Number:

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Londie GAY Name of Authorized Agent Yonne Goy Signature Date Delivered 7/30/08

DISPOSAL SITE INFORMATION

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

Lisa James Dennis Tammy Name (Print or Type) Signature Date Received 7-30-08
Quantity Received: 15.92

White - Disposal Site Copy Yellow - Final Generator/Agent Copy Pink - Transporter Copy Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS**  
**AIR STATION CHERRY POINT N.C.**  
**Environmental Affairs Department**  
**OFFICIAL WEIGHT CERTIFICATE**  
**IN DATE 30 July 2008 TIME 0658 AM EAD-4491**

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> LS 2396 NC #628	
<b>Name of Driver; (print)</b>  ALLIE HART		<b>Driver's Address:</b> Waters & Waters Construction 108 Williford Rd Ahoskie, NC 27910	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b> <i>DUI- SBT2-019</i>	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b> 62,920 <b>LBS. TARE</b> 26,380 <b>LBS. NET</b> 36,540	
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle Number of Passengers 0	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"			
<b>License Number</b>  33158	<b>Stamp and Signature</b>  <div style="text-align: center;"> <p style="color: red; font-size: small;">             NORTH CAROLINA              PUBLIC WEIGHMASTER              LICENSE EXPIRES JUNE 30, 2008              DAVID ENGELHARD 33158           </p>  <p style="color: red; font-size: small;">INVALID UNLESS SIGNED</p> </div>		<b>Date/Time out</b>  30 July 2008  7:39 AM



OU1-SBT2-019

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST
GENERATOR INFORMATION CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.
Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12
City: Havelock County: Craven City: Gibsonia County:
State: NC Zip: 28533 State: PA Zip: 15044
Site Location (if different): OU1 SBT2
EAD-4421

Table with 5 columns: Republic Services Approval #, Description of Waste, Volume/Weight, Expiration Date, Container Type. Row 1: 80703, OU1 SOILS AND SEDIMENTS, 36540, 7/2/09, 7/2/09 OUMP

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER for MCAS CHERRY POINT
Generator/Authorized Agent Name Signature Date Shipped 7/30/08

TRANSPORTER INFORMATION

Transporter Name: WATERS & WATERS DOT #
Address: Truck Number: 628
Phone Number:

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Alie A. Hart
Name of Authorized Agent Signature Date Delivered 7/30/08

DISPOSAL SITE INFORMATION

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

Lisa James Dennis Tammy
Quantity Received: 18.19
Name (Print or Type) Signature Date Received 7-30-08
White - Disposal Site Copy Yellow - Final Generator Agent Copy Pink - Transporter Copy Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS**  
**AIR STATION CHERRY POINT N.C.**  
**Environmental Affairs Department**  
**OFFICIAL WEIGHT CERTIFICATE**  
**IN DATE 30 July 2008 TIME 0659 AM EAD-4492**

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> LT-1015 NC #715	
<b>Name of Driver; (print)</b>  NALSON STANLEY		<b>Driver's Address:</b> Waters & Waters Construction 108 Williford Rd Ahoskie, NC 27910	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b> <i>DU1-SBT2-020</i>	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b>	60,900
		<b>LBS. TARE</b>	26,580
		<b>LBS. NET</b>	34,320
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle Number of Passengers 0	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"			
<b>License Number</b>	<b>Stamp and Signature</b>	<b>Date/Time out</b>	
33158	<div style="text-align: center;"> <p style="color: red; font-size: small;">               NORTH CAROLINA                PUBLIC WEIGHMASTER                LICENSE EXPIRES JUNE 30, 2008                DAVID ENGELHARD 33158             </p> <p style="color: red; font-size: small;">INVALID UNLESS SIGNED</p> </div>	30 July 2008  7:53 AM	



0U1-SBT2-020

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST

GENERATOR INFORMATION

CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.
Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12
City: Havelock County: Craven City: Gibsonia County:
State: NC Zip: 28533 State: PA Zip: 15044
Site Location (if different): OUI SBT2
EAD-4492

Table with 5 columns: Republic Services Approval #, Description of Waste, Volume/Weight, Expiration Date, Container Type. Row 1: 80703, OUI SOILS AND SEDIMENTS, 39,320, 7/2/08, DUMP

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER for MCAS CHERRY POINT Generator/Authorized Agent Name Signature Date Shipped 7/30/08

TRANSPORTER INFORMATION

Transporter Name: WATERS & WATERS DOT #
Address: Truck Number: 715
Phone Number:

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Nelson S... Nelson S... Date Delivered 7/30/08
Name of Authorized Agent Signature

DISPOSAL SITE INFORMATION

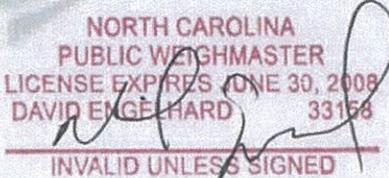
Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

Lisa James Dennis Tammy Quantity Received: 17.00
Signature Date Received 7-30-08

Name (Print or Type) Signature Date Received
White - Disposal Site Copy Yellow - Final Generator/Agent Copy Pink - Transporter Copy Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS**  
**AIR STATION CHERRY POINT N.C.**  
**Environmental Affairs Department**  
**OFFICIAL WEIGHT CERTIFICATE**  
**IN DATE 30 July 2008 TIME 1210 PM EAD-4498**

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> ZB-36005 NC #EEB-6	
<b>Name of Driver; (print)</b>  LEONARD MILLS		<b>Driver's Address:</b> Baysden Trucking 1707 River Dr Greenville, NC 27858	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b>  DUI-SBT2-021	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b>	77,540
	Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. TARE</b>	28,480
	<b>LBS. NET</b>		49,060
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
	Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle		
	Number of Passengers 0		
"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"			
<b>License Number</b>  33158	<b>Stamp and Signature</b>		<b>Date/Time out</b>
			30 July 2008  12:35 PM



OU1-SBT2-021

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST
GENERATOR INFORMATION CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.
Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12
City: Havelock County: Craven City: Gibsonia County:
State: NC Zip: 28533 State: PA Zip: 15044
Site Location (if different): OU1 SBT2
EAD-4498

Table with 5 columns: Republic Services Approval #, Description of Waste, Volume/Weight, Expiration Date, Container Type. Row 1: 80703, OU1 SOILS AND SEDIMENTS, 49,060

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER for MCAS CHERRY POINT
Generator/Authorized Agent Name Signature Date Shipped 7/30/08

TRANSPORTER INFORMATION

Transporter Name: BAYSDEN DOT #
Address: Truck Number: EEB-6
Phone Number:

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Leonard Mills
Name of Authorized Agent Signature Date Delivered 7/30/08

DISPOSAL SITE INFORMATION

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

Lisa James Dennis Tammy
Name (Print or Type) Signature Date Received 7-30-08
White - Disposal Site Copy Yellow - Final Generator/Agent Copy Pink - Transporter Copy Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS**  
**AIR STATION CHERRY POINT N.C.**  
**Environmental Affairs Department**  
**OFFICIAL WEIGHT CERTIFICATE**  
**IN DATE 30 July 2008 TIME 1225 PM EAD-4500**

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> LT-1015 NC #715	
<b>Name of Driver; (print)</b>  NALSON STANLEY		<b>Driver's Address:</b> Waters & Waters Construction 108 Williford Rd Ahoskie, NC 27910	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b>  <i>DU1-SBT2-022</i>	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle  Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b>	67,640
		<b>LBS. TARE</b>	26,360
		<b>LBS. NET</b>	41,280
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle  Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle  Number of Passengers 0	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"			
<b>License Number</b>	<b>Stamp and Signature</b>	<b>Date/Time out</b>	
33158	<div style="text-align: center;"> <p style="margin: 0; font-size: small;">NORTH CAROLINA PUBLIC WEIGHMASTER LICENSE EXPIRES JUNE 30, 2008 DAVID ENGELHARD 33158</p> <p style="margin: 0; font-size: small; border-top: 1px solid black; padding-top: 2px;">INVALID UNLESS SIGNED</p> </div>	30 July 2008  12:59 PM	



041-SBT2-022

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST
GENERATOR INFORMATION CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.
Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12
City: Havelock County: Craven City: Gibsonia County:
State: NC Zip: 28533 State: PA Zip: 15044
Site Location (if different): OU1 SBT2
EAD-4500

Table with 5 columns: Republic Services Approval #, Description of Waste, Volume/Weight, Expiration Date, Container Type. Row 1: 88703, OU1 SOILS AND SEDIMENTS, 41,280, 7/2/09, OUMFP

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER for MCAS CHERRY POINT
Generator/Authorized Agent Name Signature Date Shipped 7/30/08

TRANSPORTER INFORMATION

Transporter Name: WATERS & WATERS DOT #
Address: Truck Number: 715
Phone Number:

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Nelson Stanley Nelson Stanley
Name of Authorized Agent Signature Date Delivered 7/30/08

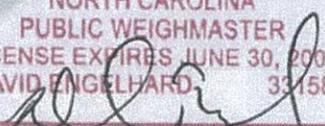
DISPOSAL SITE INFORMATION

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

Lisa James Dennis Tammy
Quantity Received: 20.53
Name (Print or Type) Signature Date Received 7-30-08
White - Disposal Site Copy Yellow - Final Generator/Agent Copy Pink - Transporter Copy Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS**  
**AIR STATION CHERRY POINT N.C.**  
**Environmental Affairs Department**  
**OFFICIAL WEIGHT CERTIFICATE**  
**IN DATE 30 July 2008 TIME 1227 PM EAD-4501**

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> ZB-15653 NC #B-32	
<b>Name of Driver; (print)</b>  CLENNIE LEE		<b>Driver's Address:</b> Baysden Trucking 1707 River Dr Greenville, NC 27858	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b> <i>DU1-SB12-023</i>	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b>	72,780
		<b>LBS. TARE</b>	27,700
		<b>LBS. NET</b>	<b>45,080</b>
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle Number of Passengers 0	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"			
<b>License Number</b>	<b>Stamp and Signature</b>	<b>Date/Time out</b>	
33158	NORTH CAROLINA PUBLIC WEIGHMASTER LICENSE EXPIRES JUNE 30, 2008 DAVID ENGELHARD 33158  INVALID UNLESS SIGNED	30 July 2008  1:11 PM	



061-SBT2-023

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST
GENERATOR INFORMATION CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.
Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12
City: Havelock County: Craven City: Gibsonia County:
State: NC Zip: 28533 State: PA Zip: 15044
Site Location (if different): OUI SBT2
EAD-4501

Table with 5 columns: Republic Services Approval #, Description of Waste, Volume/Weight, Expiration Date, Container Type. Row 1: 88703, OUI SOILS AND SEDIMENTS, 45080, 7/2/89, DUMP

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER for MCAS CHERRY POINT Generator/Authorized Agent Name Signature Date Shipped 7/30/08

TRANSPORTER INFORMATION

Transporter Name: BAYS DEN DOT #
Address: Truck Number: B-32
Phone Number:

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Cleemie Lee Name of Authorized Agent Signature Date Delivered 7/30/08

DISPOSAL SITE INFORMATION

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

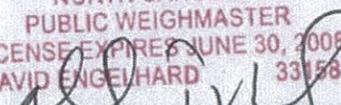
I hereby acknowledge receipt of the above described materials

Lisa James Dennis Tammy

Quantity Received: 2243

Name (Print or Type) Signature Date Received 7-30-08
White - Disposal Site Copy Yellow - Final Generator/Agent Copy Pink - Transporter Copy Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS**  
**AIR STATION CHERRY POINT N.C.**  
**Environmental Affairs Department**  
**OFFICIAL WEIGHT CERTIFICATE**  
**IN DATE 30 July 2008 TIME 1218 PM EAD-4499**

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> ZB-14728 NC #B40	
<b>Name of Driver; (print)</b>  LONNIE GAY		<b>Driver's Address:</b> Baysden Trucking 1707 River Dr Greenville, NC 27858	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b> <i>OUI-SBT2-024</i>	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle  Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b> 69,420  <b>LBS. TARE</b> 28,020  <b>LBS. NET</b> 41,400	
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle  Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle  Number of Passengers 0	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"			
<b>License Number</b>  33158	<b>Stamp and Signature</b>  <div style="text-align: center;"> <p style="color: red; font-weight: bold; font-size: small;">             NORTH CAROLINA              PUBLIC WEIGHMASTER              LICENSE EXPIRES JUNE 30, 2009              DAVID ENGELHARD 33158           </p>  </div>		<b>Date/Time out</b>  30 July 2008  1:23 PM

INVALID UNLESS SIGNED



**REPUBLIC SERVICES, INC.**

061-5BT2-024

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

**NON-HAZARDOUS WASTE MANIFEST**  
GENERATOR INFORMATION CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.  
 Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12  
 City: Havelock County: Craven City: Gibsonia County: \_\_\_\_\_  
 State: NC Zip: 28533 State: PA Zip: 15044  
 Site Location (if different): OU1 SBT2  
EAD - 4499

Republic Services Approval #	Description of Waste	Volume/Weight	Expiration Date	Container Type
80703	OU1 SOILS AND SEDIMENTS	41,400	7/2/09	DUMP

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER for MCAS CHERRY POINT 2/30/08  
 Generator/Authorized Agent Name Signature Date Shipped

**TRANSPORTER INFORMATION**

Transporter Name: BAVSOEN DOT # \_\_\_\_\_  
 Address: \_\_\_\_\_ Truck Number: B-40  
 Phone Number: \_\_\_\_\_

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Lonnie Gay Signature 2/30/08  
 Name of Authorized Agent Signature Date Delivered

**DISPOSAL SITE INFORMATION**

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road  
Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

Lisa James Dennis Tammy Signature Quantity Received: 20.55  
 Name (Print or Type) Signature Date Received  
 White - Disposal Site Copy Yellow - Final Generator/Agent Copy Pink - Transporter Copy Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS**  
**AIR STATION CHERRY POINT N.C.**  
**Environmental Affairs Department**  
**OFFICIAL WEIGHT CERTIFICATE**  
**IN DATE 30 July 2008 TIME 1229 PM EAD-4502**

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> LS 2396 NC #628	
<b>Name of Driver; (print)</b>  ALLIE HART		<b>Driver's Address:</b> Waters & Waters Construction 108 Williford Rd Ahoskie, NC 27910	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b> <i>DU1-SBT2-025</i>	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b> 65,180 <b>LBS. TARE</b> 26,160 <b>LBS. NET</b> 39,020	
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle Number of Passengers 0	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"			
<b>License Number</b>	<b>Stamp and Signature</b>		<b>Date/Time out</b>
33158	<div style="text-align: center;"> <p style="color: red; font-size: small;">               NORTH CAROLINA                PUBLIC WEIGHMASTER                LICENSE EXPIRES JUNE 30, 2008                DAVID ENGELHARD 33158                  INVALID UNLESS SIGNED             </p> </div>		30 July 2008  1:33 PM



OUI-SBT2-025

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST
GENERATOR INFORMATION CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.
Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12
City: Havelock County: Craven City: Gibsonia County:
State: NC Zip: 28533 State: PA Zip: 15044
Site Location (if different): OUI SBT2
EAD-4502

Table with 5 columns: Republic Services Approval #, Description of Waste, Volume/Weight, Expiration Date, Container Type. Row 1: 80203, OUI SOILS AND SEDIMENTS, 39,020, 7/2/09, DUMP

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER for MCAS CHERRY POINT
Generator/Authorized Agent Name Signature Date Shipped 7/30/08

TRANSPORTER INFORMATION

Transporter Name: WATERS & WATERS DOT #
Address: Truck Number: 628
Phone Number:

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Mike A Har Signature Date Delivered 7/30/08
Name of Authorized Agent Signature Date Delivered

DISPOSAL SITE INFORMATION

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

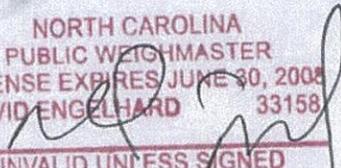
Lisa James Dennis Tammy Quantity Received: 19.44
Signature Date Received 7-30-08
Name (Print or Type) Signature Date Received
White - Disposal Site Copy Yellow - Final Generator/Agent Copy Pink - Transporter Copy Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS  
AIR STATION CHERRY POINT N.C.**

**Environmental Affairs Department**

**OFFICIAL WEIGHT CERTIFICATE**

**IN DATE 6 August 2008 TIME 0615 AM EAD-4521**

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> LS 2396 NC #628	
<b>Name of Driver; (print)</b>  ALLIE HART		<b>Driver's Address:</b> Waters & Waters Construction 108 Williford Rd Ahoskie, NC 27910	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b>  <i>041-5BT2-020</i>	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b>	66,860
	Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. TARE</b>	26,360
		<b>LBS. NET</b>	<b>40,500</b>
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article-5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
	Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle		
	Number of Passengers 0		
<small>"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"</small>			
<b>License Number</b>  33158	<b>Stamp and Signature</b>  <p align="center"> <small>NORTH CAROLINA PUBLIC WEIGHMASTER LICENSE EXPIRES JUNE 30, 2008 DAVID ENGELHARD 33158</small>   <small>INVALID UNLESS SIGNED</small> </p>	<b>Date/Time out</b>  6 August 2008  6:52 AM	



061-SBT2-026

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST
GENERATOR INFORMATION CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.
Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12
City: Havelock County: Craven City: Gibsonia County:
State: NC Zip: 28533 State: PA Zip: 15044
Site Location (if different): OUI SBT2
EAD-4521

Table with 5 columns: Republic Services Approval #, Description of Waste, Volume/Weight, Expiration Date, Container Type. Row 1: 80703, SBT2 SOILS AND SEDIMENTS, 40,500, 7/2/09, DUMP

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER FOR MCASCP Generator/Authorized Agent Name Signature Date Shipped 8/6/08

TRANSPORTER INFORMATION

Transporter Name: WATERS & WATERS DOT #
Address: Truck Number: 628
Phone Number:

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Name of Authorized Agent Signature Date Delivered 8/6/08

DISPOSAL SITE INFORMATION

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

Lisa James Dennis Tammy

Quantity Received: 20.21

Name (Print or Type) Signature Date Received 8-6-08

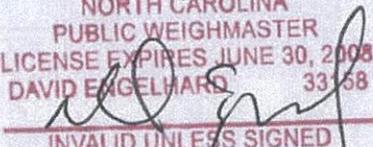
White - Disposal Site Copy Yellow - Final Generator/Agent Copy Pink - Transporter Copy Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS  
AIR STATION CHERRY POINT N.C.**

**Environmental Affairs Department**

**OFFICIAL WEIGHT CERTIFICATE**

**IN DATE 6 August 2008 TIME 0616 AM EAD-4522**

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> LT-1015 NC #715	
<b>Name of Driver; (print)</b>  NALSON STANLEY		<b>Driver's Address:</b> Waters & Waters Construction 108 Williford Rd Ahoskie, NC 27910	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b>  <i>DU - SBT 2 - 027</i>	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b>	69,000
	Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. TARE</b>	26,600
		<b>LBS. NET</b>	<b>42,400</b>
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
	Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle		
	Number of Passengers 0		
<small>"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"</small>			
<b>License Number</b>  33158	<b>Stamp and Signature</b>  <p align="center"> <small>NORTH CAROLINA PUBLIC WEIGHMASTER LICENSE EXPIRES JUNE 30, 2008 DAVID ENGELHARD 33158</small> </p>  <small>INVALID UNLESS SIGNED</small>		<b>Date/Time out</b>  6 August 2008  7:30 AM



OU1-SBT2-027

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST
GENERATOR INFORMATION CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.
Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12
City: Havelock County: Craven City: Gibsonia County:
State: NC Zip: 28533 State: PA Zip: 15044
Site Location (if different): OU1 SBT2
EAD- 4522

Table with 5 columns: Republic Services Approval #, Description of Waste, Volume/Weight, Expiration Date, Container Type. Row 1: 80703, SBT2 SOILS AND SEDIMENTS, 42,400, 7/2/09, DUMP

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER FOR MCASCP Generator/Authorized Agent Name Signature Date Shipped 8/6/08

TRANSPORTER INFORMATION

Transporter Name: WATERS & WATERS DOT #
Address: Truck Number: 715
Phone Number:

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Name of Authorized Agent Signature Date Delivered 8/6/08

DISPOSAL SITE INFORMATION

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

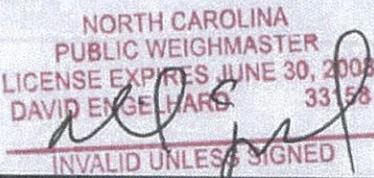
Lisa James Dennis Tammy Quantity Received: 21.03
Signature Date Received 8-6-08

Name (Print or Type) Signature Date Received
White - Disposal Site Copy Yellow - Final Generator/Agent Copy Pink - Transporter Copy Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS  
AIR STATION CHERRY POINT N.C.**

**Environmental Affairs Department  
OFFICIAL WEIGHT CERTIFICATE**

**IN DATE 6 August 2008 TIME 0624 AM EAD-4524**

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> ZB-15653 NC #B-32	
<b>Name of Driver; (print)</b>  CLENNIE LEE		<b>Driver's Address:</b> Baysden Trucking 1707 River Dr Greenville, NC 27858	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b> <i>061-SBT2-028</i>	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b>	70,160
	Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. TARE</b>	27,880
		<b>LBS. NET</b>	42,280
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
	Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle		
	Number of Passengers 0		
<small>"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"</small>			
<b>License Number</b>  33158	<b>Stamp and Signature</b>  <p align="center">    <i>[Signature]</i> </p>		<b>Date/Time out</b>  6 August 2008  7:36 AM



OU1-SBT2-028

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST

GENERATOR INFORMATION

CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.
Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12
City: Havelock County: Craven City: Gibsonia County:
State: NC Zip: 28533 State: PA Zip: 15044
Site Location (if different): OU1 SBT2
EAD-4524

Table with 5 columns: Republic Services Approval #, Description of Waste, Volume/Weight, Expiration Date, Container Type. Row 1: 80703, SBT2 SOILS AND SEDIMENTS, 42,280, 7/2/08, DUMP

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER FOR MCASCP Generator/Authorized Agent Name Signature Date Shipped 8/6/08

TRANSPORTER INFORMATION

Transporter Name: BAYSON DOT #
Address: Truck Number: B-32
Phone Number:

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Clennie Lee Clennie Lee 8/6/08
Name of Authorized Agent Signature Date Delivered

DISPOSAL SITE INFORMATION

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

Lisa James Dennis Tammy

Quantity Received: 21.05

Name (Print or Type) Signature Date Received 8608

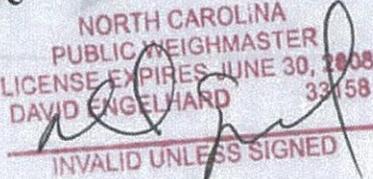
White - Disposal Site Copy Yellow - Final Generator/Agent Copy Pink - Transporter Copy Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS  
AIR STATION CHERRY POINT N.C.**

**Environmental Affairs Department**

**OFFICIAL WEIGHT CERTIFICATE**

**IN DATE 6 August 2008 TIME 0625 AM EAD-4526**

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> ZB-19805 NC #B-33	
<b>Name of Driver; (print)</b>  GREGORY DALE		<b>Driver's Address:</b> Baysden Trucking 1707 River Dr Greenville, NC 27858	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b>  DU1-SBT2-029	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b>	66,400
	Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. TARE</b>	28,380
		<b>LBS. NET</b>	<b>38,020</b>
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
	Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle		
	Number of Passengers 0		
"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"			
<b>License Number</b>  33158	<b>Stamp and Signature</b>  	<b>Date/Time out</b>  6 August 2008  7:54 AM	



061-SBT2-029

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST

GENERATOR INFORMATION

CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.  
 Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12  
 City: Havelock County: Craven City: Gibsonia County: \_\_\_\_\_  
 State: NC Zip: 28533 State: PA Zip: 15044  
 Site Location (if different): OU1 SBT2  
EAD-4526

Republic Services Approval #	Description of Waste	Volume/Weight	Expiration Date	Container Type
80703	SBT2 SOILS AND SEDIMENTS	38,020	7/2/09	DUMP

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER FOR MCASCP  
 Generator/Authorized Agent Name \_\_\_\_\_ Signature \_\_\_\_\_ Date Shipped 8/6/08

TRANSPORTER INFORMATION

Transporter Name: RAYSDEN DOT # \_\_\_\_\_  
 Address: \_\_\_\_\_ Truck Number: B-33  
 Phone Number: \_\_\_\_\_

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Gregory L. D. L. \_\_\_\_\_ Signature \_\_\_\_\_ Date Delivered 8/6/08  
 Name of Authorized Agent

DISPOSAL SITE INFORMATION

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

Lisa \_\_\_\_\_ James \_\_\_\_\_ Dennis \_\_\_\_\_ Tammy \_\_\_\_\_  
 \_\_\_\_\_ Signature \_\_\_\_\_ Date Received 8-6-08  
 Name (Print or Type)

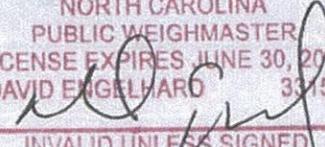
White - Disposal Site Copy Yellow - Final Generator/Agent Copy Pink - Transporter Copy Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS  
AIR STATION CHERRY POINT N.C.**

**Environmental Affairs Department**

**OFFICIAL WEIGHT CERTIFICATE**

**IN DATE 6 August 2008 TIME 0622 AM EAD-4523**

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> ZB-36005 NC #EEB-6	
<b>Name of Driver; (print)</b>  LEONARD MILLS		<b>Driver's Address:</b> Baysden Trucking 1707 River Dr Greenville, NC 27858	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b>  061-SBT2-030	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b>	73,260
	Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. TARE</b>	28,580
		<b>LBS. NET</b>	44,680
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
	Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle		
	Number of Passengers 0		
"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"			
<b>License Number</b>  33158	<b>Stamp and Signature</b>  <p align="center">NORTH CAROLINA PUBLIC WEIGHMASTER LICENSE EXPIRES JUNE 30, 2008 DAVID ENGELHARD 33158</p>  <p align="center">INVALID UNLESS SIGNED</p>		<b>Date/Time out</b>  6 August 2008  8:01 AM



**REPUBLIC SERVICES, INC.**

*OU1-SBT2-030*

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

**NON-HAZARDOUS WASTE MANIFEST**  
GENERATOR INFORMATION CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.  
 Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12  
 City: Havelock County: Craven City: Gibsonia County: \_\_\_\_\_  
 State: NC Zip: 28533 State: PA Zip: 15044  
 Site Location (if different): OU1 SBT2  
EAD-4523

Republic Services Approval #	Description of Waste	Volume/Weight	Expiration Date	Container Type
<i>80703</i>	SBT2 SOILS AND SEDIMENTS	<i>44,680</i>	<i>7/2/09</i>	<i>DUMP</i>

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER FOR MCASCP *8/6/08*  
 Generator/Authorized Agent Name Signature Date Shipped

**TRANSPORTER INFORMATION**

Transporter Name: *BAYS DEN* DOT # \_\_\_\_\_  
 Address: \_\_\_\_\_ Truck Number: *EEB-6*  
 Phone Number: \_\_\_\_\_

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

*Leonard Mills* *Leonard Mills* *8/6/08*  
 Name of Authorized Agent Signature Date Delivered

**DISPOSAL SITE INFORMATION**

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

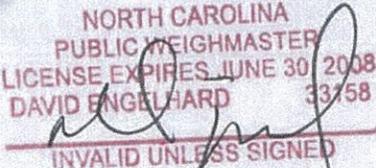
Lisa *James* Dennis Tammy Quantity Received: *22.21*  
 Name (Print or Type) Signature *8-6-08*  
 White - Disposal Site Copy Yellow - Final Generator/Agent Copy Pink - Transporter Copy Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS  
AIR STATION CHERRY POINT N.C.**

**Environmental Affairs Department**

**OFFICIAL WEIGHT CERTIFICATE**

**IN DATE 6 August 2008 TIME 0624 AM EAD-4525**

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> ZB-14728 NC #B40	
<b>Name of Driver; (print)</b>  LONNIE GAY		<b>Driver's Address:</b> Baysden Trucking 1707 River Dr Greenville, NC 27858	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b>  <i>DVI-SBT2-031</i>	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b>	70,520
	Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. TARE</b>	28,140
		<b>LBS. NET</b>	42,380
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
	Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle		
	Number of Passengers 0		
"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"			
<b>License Number</b>  33158	<b>Stamp and Signature</b>  <p align="center">               INVALID UNLESS SIGNED           </p>	<b>Date/Time out</b>  6 August 2008  8:04 AM	



041-SBT2-031

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST

GENERATOR INFORMATION

CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.
Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12
City: Havlock County: Craven City: Gibsonia County:
State: NC Zip: 28533 State: PA Zip: 15044
Site Location (if different): OU1 SBT2
EAD-4525

Table with 5 columns: Republic Services Approval #, Description of Waste, Volume/Weight, Expiration Date, Container Type. Row 1: 80703, SBT2 SOILS AND SEDIMENTS, 42,380, 7/2/08, DUMP

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER FOR MCASCP Generator/Authorized Agent Name Signature Date Shipped 8/6/08

TRANSPORTER INFORMATION

Transporter Name: BAYSDEM DOT #
Address: Truck Number: B-40
Phone Number:

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Lonnie Gay Name of Authorized Agent Signature Date Delivered 8/6/08

DISPOSAL SITE INFORMATION

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

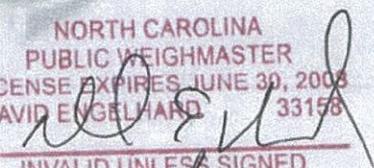
Lisa James Dennis Tammy Name (Print or Type) Signature Date Received 8-6-08
White - Disposal Site Copy Yellow - Final Generator/Agent Copy Pink - Transporter Copy Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS  
AIR STATION CHERRY POINT N.C.**

**Environmental Affairs Department**

**OFFICIAL WEIGHT CERTIFICATE**

**IN DATE 6 August 2008 TIME 1143 AM EAD-4529**

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> LT-1015 NC #715	
<b>Name of Driver; (print)</b>  NALSON STANLEY		<b>Driver's Address:</b> Waters & Waters Construction 108 Williford Rd Ahoskie, NC 27910	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b> <i>DUU - SBT2 - 032</i>	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b>	62,580
	Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. TARE</b>	26,380
		<b>LBS. NET</b>	36,200
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
	Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle		
	<b>Number of Passengers</b> 0		
<small>"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"</small>			
<b>License Number</b>  33158	<b>Stamp and Signature</b>  <p align="center"> <small>NORTH CAROLINA PUBLIC WEIGHMASTER LICENSE EXPIRES JUNE 30, 2008 DAVID ENGELHARD 33158</small>    <small>INVALID UNLESS SIGNED</small> </p>	<b>Date/Time out</b>  6 August 2008  12:19 PM	



061-SBT2-032

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

**NON-HAZARDOUS WASTE MANIFEST**  
**GENERATOR INFORMATION** **CUSTOMER/BILLING INFORMATION**

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.  
 Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12  
 City: Havelock County: Craven City: Gibsonia County: \_\_\_\_\_  
 State: NC Zip: 28533 State: PA Zip: 15044  
 Site Location (if different): OU1 SBT2  
EAD-4529

Republic Services Approval #	Description of Waste	Volume/Weight	Expiration Date	Container Type
80703	SBT2 SOILS AND SEDIMENTS	36,200	7/2/09	DUMP

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER FOR MCASCP  
 Generator/Authorized Agent Name \_\_\_\_\_ Signature \_\_\_\_\_ Date Shipped 8/6/08

**TRANSPORTER INFORMATION**

Transporter Name: WATERS & WATERS DOT # \_\_\_\_\_  
 Address: \_\_\_\_\_ Truck Number: 715  
 Phone Number: \_\_\_\_\_

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Nelson Stanley Nelson Stanley  
 Name of Authorized Agent \_\_\_\_\_ Signature \_\_\_\_\_ Date Delivered 8/6/08

**DISPOSAL SITE INFORMATION**

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

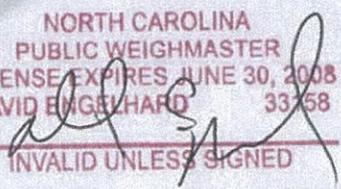
Lisa James Dennis Tammy Quantity Received: 18.04  
 Name (Print or Type) \_\_\_\_\_ Signature \_\_\_\_\_ Date Received 8-6-08  
 White - Disposal Site Copy Yellow - Final Generator/Agent Copy Pink - Transporter Copy Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS  
AIR STATION CHERRY POINT N.C.**

Environmental Affairs Department

**OFFICIAL WEIGHT CERTIFICATE**

IN DATE 6 August 2008 TIME 1142 AM EAD-4528

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> LS 2396 NC #628	
<b>Name of Driver; (print)</b>  ALLIE HART		<b>Driver's Address:</b> Waters & Waters Construction 108 Williford Rd Ahoskie, NC 27910	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b>  DU1-S15T2-033	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b>	69,000
	Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. TARE</b>	26,160
		<b>LBS. NET</b>	42,840
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
	Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle		
	Number of Passengers 0		
<small>"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"</small>			
<b>License Number</b>  33158	<b>Stamp and Signature</b>  <p align="center"> <small>NORTH CAROLINA PUBLIC WEIGHMASTER LICENSE EXPIRES JUNE 30, 2008 DAVID ENGELHARD 33158</small> </p>  <small>INVALID UNLESS SIGNED</small>	<b>Date/Time out</b>  6 August 2008  12:40 PM	



061-SBT2-033

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST

GENERATOR INFORMATION

CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.
Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12
City: Havelock County: Craven City: Gibsonia County:
State: NC Zip: 28533 State: PA Zip: 15044
Site Location (if different): OU1 SBT2
EAD-452Y

Table with 5 columns: Republic Services Approval #, Description of Waste, Volume/Weight, Expiration Date, Container Type. Row 1: 80703, SBT2 SOILS AND SEDIMENTS, 42,840, 7/2/09, DUMP

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER FOR MCASCP Generator/Authorized Agent Name Signature Date Shipped 8/6/08

TRANSPORTER INFORMATION

Transporter Name: WATERS & WATERS DOT #
Address: Truck Number: 628
Phone Number:

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Allie A Hart Name of Authorized Agent Signature Date Delivered 8/6/08

DISPOSAL SITE INFORMATION

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

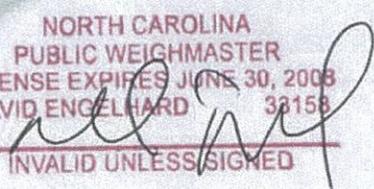
Lisa James Dennis Tammy Name (Print or Type) Signature Date Received 8-6-08
White - Disposal Site Copy Yellow - Final Generator/Agent Copy Pink - Transporter Copy Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS  
AIR STATION CHERRY POINT N.C.**

**Environmental Affairs Department**

**OFFICIAL WEIGHT CERTIFICATE**

**IN DATE 6 August 2008 TIME 1217 PM EAD-4530**

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> ZB-36005 NC #EEB-6	
<b>Name of Driver; (print)</b>  LEONARD MILLS		<b>Driver's Address:</b> Baysden Trucking 1707 River Dr Greenville, NC 27858	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b>  <i>041-SBT2-034</i>	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b>	68,440
	Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. TARE</b>	28,360
		<b>LBS. NET</b>	<b>40,080</b>
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
	Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle		
	Number of Passengers 0		
"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"			
<b>License Number</b>  33158	<b>Stamp and Signature</b>  <p align="center"> <small>NORTH CAROLINA PUBLIC WEIGHMASTER LICENSE EXPIRES JUNE 30, 2008 DAVID ENGELHARD 33158</small>   <small>INVALID UNLESS SIGNED</small> </p>	<b>Date/Time out</b>  6 August 2008  12:45 PM	



041-SBT2 -034

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

**NON-HAZARDOUS WASTE MANIFEST**  
**GENERATOR INFORMATION** **CUSTOMER/BILLING INFORMATION**

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.  
 Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12  
 City: Havelock County: Craven City: Gibsonia County: \_\_\_\_\_  
 State: NC Zip: 28533 State: PA Zip: 15044  
 Site Location (if different): OU1 SBT2  
EAD-4530

Republic Services Approval #	Description of Waste	Volume/Weight	Expiration Date	Container Type
80703	SBT2 SOILS AND SEDIMENTS	40,080	7/2/09	DUMP

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER FOR MCASCP  
 Generator/Authorized Agent Name \_\_\_\_\_ Signature \_\_\_\_\_ Date Shipped 8/6/08

**TRANSPORTER INFORMATION**

Transporter Name: BAYS DENI DOT # \_\_\_\_\_  
 Address: \_\_\_\_\_ Truck Number: EEB-6  
 Phone Number: \_\_\_\_\_

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Leonel Miles \_\_\_\_\_ Leonel Miles \_\_\_\_\_ 8/6/08  
 Name of Authorized Agent Signature Date Delivered

**DISPOSAL SITE INFORMATION**

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

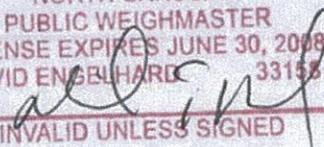
Lisa James Dennis Tammy \_\_\_\_\_ Quantity Received: 24.51  
 Name (Print or Type) Signature \_\_\_\_\_ Date Received 8-6-08  
 White - Disposal Site Copy Yellow - Final Generator/Agent Copy Pink - Transporter Copy Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS  
AIR STATION CHERRY POINT N.C.**

**Environmental Affairs Department**

**OFFICIAL WEIGHT CERTIFICATE**

**IN DATE 6 August 2008 TIME 1218 PM EAD-4531**

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> ZB-15653 NC #B-32	
<b>Name of Driver; (print)</b>  CLENNIE LEE		<b>Driver's Address:</b> Baysden Trucking 1707 River Dr Greenville, NC 27858	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b> <i>DUI-SBT2-035</i>	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b>	74,360
	Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. TARE</b>	27,700
		<b>LBS. NET</b>	<b>46,660</b>
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
	Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle		
	Number of Passengers 0		
"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"			
<b>License Number</b>  33158	<b>Stamp and Signature</b>  <p align="center">NORTH CAROLINA PUBLIC WEIGHMASTER LICENSE EXPIRES JUNE 30, 2008 DAVID ENGELHARDT 33158</p>  <b>INVALID UNLESS SIGNED</b>	<b>Date/Time out</b>  6 August 2008  12:51 PM	



0U1-SBT2-035

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST
GENERATOR INFORMATION CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.
Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12
City: Havelock County: Craven City: Gibsonia County:
State: NC Zip: 28533 State: PA Zip: 15044
Site Location (if different): OU1 SBT2
EAD - 4531

Table with 5 columns: Republic Services Approval #, Description of Waste, Volume/Weight, Expiration Date, Container Type. Row 1: 80703, SBT2 SOILS AND SEDIMENTS, 46,660, 7/2/08, DUMP

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER FOR MCASCP Generator/Authorized Agent Name Signature Date Shipped 8/6/08

TRANSPORTER INFORMATION

Transporter Name: BAYSON DOT #
Address: Truck Number: B-32
Phone Number:

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Cleennie Lee Name of Authorized Agent Signature Date Delivered 8/6/08

DISPOSAL SITE INFORMATION

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

Lisa James Dennis Tammy

Quantity Received: 2321

Name (Print or Type) Signature Date Received 8-6-08

White - Disposal Site Copy Yellow - Final Generator/Agent Copy Pink - Transporter Copy Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS  
AIR STATION CHERRY POINT N.C.**

**Environmental Affairs Department**

**OFFICIAL WEIGHT CERTIFICATE**

**IN DATE 6 August 2008 TIME 1241 PM EAD-4532**

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> ZB-19805 NC #B-33	
<b>Name of Driver; (print)</b>  GREGORY DALE		<b>Driver's Address:</b> Baysden Trucking 1707 River Dr Greenville, NC 27858	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b>  <i>041 - SBT 2 - 036</i>	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b>	72,340
	Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. TARE</b>	28,360
		<b>LBS. NET</b>	43,980
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
	Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle		
	Number of Passengers 0		
<small>"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"</small>			
<b>License Number</b>  33158	<b>Stamp and Signature</b>   INVALID UNLESS SIGNED		<b>Date/Time out</b>  6 August 2008  1:07 PM



041-SBT2-036

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST
GENERATOR INFORMATION CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.
Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12
City: Havelock County: Craven City: Gibsonia County:
State: NC Zip: 28533 State: PA Zip: 15044
Site Location (if different): OUI SBT2
EAD-4532

Table with 5 columns: Republic Services Approval #, Description of Waste, Volume/Weight, Expiration Date, Container Type. Row 1: 80703, SBT2 SOILS AND SEDIMENTS, 43,980, 7/2/09, Dump.

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER FOR MCASCP Signature Date Shipped 8/6/08
Generator/Authorized Agent Name

TRANSPORTER INFORMATION

Transporter Name: BAYSOEN DOT #
Address: Truck Number: B-33
Phone Number:

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Name of Authorized Agent Signature Date Delivered 8/6/08

DISPOSAL SITE INFORMATION

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

Lisa James Dennis Tammy Quantity Received: 21.55
Name (Print or Type) Signature Date Received 8-6-08
White - Disposal Site Copy Yellow - Final Generator/Agent Copy Pink - Transporter Copy Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS  
AIR STATION CHERRY POINT N.C.**

**Environmental Affairs Department**

**OFFICIAL WEIGHT CERTIFICATE**

**IN DATE 6 August 2008 TIME 1244 PM EAD-4533**

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> ZB-14728 NC #B40	
<b>Name of Driver; (print)</b>  LONNIE GAY		<b>Driver's Address:</b> Baysden Trucking 1707 River Dr Greenville, NC 27858	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b> <i>041-SBT2-037</i>	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b>	72,160
	Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. TARE</b>	27,940
		<b>LBS. NET</b>	44,220
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
	Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle		
	Number of Passengers 0		
<small>"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"</small>			
<b>License Number</b>  33158	<b>Stamp and Signature</b>  NORTH CAROLINA PUBLIC WEIGHMASTER LICENSE EXPIRES JUNE 30, 2008 DAVID ENGELHARD 33158		<b>Date/Time out</b>  6 August 2008  1:11 PM

INVALID UNLESS SIGNED



061-SBT2-037

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST
GENERATOR INFORMATION CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.
Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12
City: Havelock County: Craven City: Gibsonia County:
State: NC Zip: 28533 State: PA Zip: 15044
Site Location (if different): OU1 SBT2
EAD -4533

Table with 5 columns: Republic Services Approval #, Description of Waste, Volume/Weight, Expiration Date, Container Type. Row 1: 80703, SBT2 SOILS AND SEDIMENTS, 74,220, 7/2/09, DUMP

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER FOR MCASCP Signature Date Shipped 8/16/08

TRANSPORTER INFORMATION

Transporter Name: BAYS DEN DOT #
Address: Truck Number: B-40
Phone Number:

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

honnie GAY Signature Date Delivered 8/16/08

DISPOSAL SITE INFORMATION

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

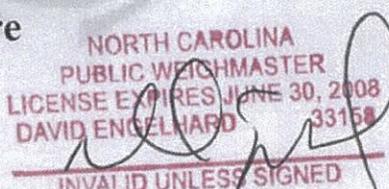
Lisa James Dennis Tammy Quantity Received: 2203
Signature Date Received 8-6-08
White - Disposal Site Copy Yellow - Final Generator/Agent Copy Pink - Transporter Copy Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS  
AIR STATION CHERRY POINT N.C.**

Environmental Affairs Department

**OFFICIAL WEIGHT CERTIFICATE**

IN DATE 11 August 2008 TIME 0805 AM EAD-4536

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> ZB-14728 NC #B40	
<b>Name of Driver; (print)</b>  LONNIE GAY		<b>Driver's Address:</b> Baysden Trucking 1707 River Dr Greenville, NC 27858	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b>  DLI-SBT 2-038	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b>	70,920
	Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. TARE</b>	28,260
		<b>LBS. NET</b>	42,660
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
	Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle		
	Number of Passengers 0		
"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"			
<b>License Number</b>  33158	<b>Stamp and Signature</b>   INVALID UNLESS SIGNED	<b>Date/Time out</b>  11 August 2008  8:33 AM	



OU1-SBT2-038

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST
GENERATOR INFORMATION CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.
Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12
City: Havelock County: Craven City: Gibsonia County:
State: NC Zip: 28533 State: PA Zip: 15044
Site Location (if different): OU1 SBT2
EAD-4539

Table with 5 columns: Republic Services Approval #, Description of Waste, Volume/Weight, Expiration Date, Container Type. Row 1: 86703, SBT2 SOILS AND SEDIMENTS, 42,660, 7/2/09, DUMP

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER FOR MCASCP Generator/Authorized Agent Name Signature Date Shipped 8/11/08

TRANSPORTER INFORMATION

Transporter Name: BAYSDEN DOT #
Address: Truck Number: B-40
Phone Number:

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Lonnice Gay Name of Authorized Agent Signature Date Delivered 8/11/08

DISPOSAL SITE INFORMATION

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

Lisa James Dennis Tammy

Quantity Received: 21.21

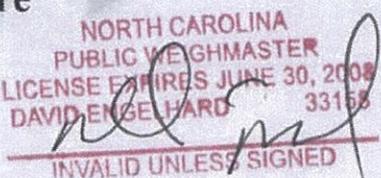
Name (Print or Type) Signature Date Received
White - Disposal Site Copy Yellow - Final Generator/Agent Copy Pink - Transporter Copy Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS  
AIR STATION CHERRY POINT N.C.**

Environmental Affairs Department

**OFFICIAL WEIGHT CERTIFICATE**

IN DATE 11 August 2008 TIME 0809 AM EAD-4537

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> ZB-36005 NC #EEB-6	
<b>Name of Driver; (print)</b>  LEONARD MILLS		<b>Driver's Address:</b> Baysden Trucking 1707 River Dr Greenville, NC 27858	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b> <i>DU1-SBT2-039</i>	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b>	74,460
	Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. TARE</b>	28,620
		<b>LBS. NET</b>	<b>45,840</b>
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
	Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle		
	Number of Passengers 0		
"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"			
<b>License Number</b>  33158	<b>Stamp and Signature</b>   INVALID UNLESS SIGNED	<b>Date/Time out</b>  11 August 2008  8:45 AM	



0U1-SBT2-039

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST
GENERATOR INFORMATION CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.
Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12
City: Havelock County: Craven City: Gibsonia County:
State: NC Zip: 28533 State: PA Zip: 15044
Site Location (if different): OU1 SBT2
EAD-4537

Table with 5 columns: Republic Services Approval #, Description of Waste, Volume/Weight, Expiration Date, Container Type. Row 1: 86703, SBT2 SOILS AND SEDIMENTS, 45,840, 7/2/09, DUMP

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER FOR MCASCP Generator/Authorized Agent Name Signature Date Shipped 8/11/08

TRANSPORTER INFORMATION

Transporter Name: RAYDEN DOT #
Address: Truck Number: EEB-6
Phone Number:

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Leonard Mills Name of Authorized Agent Signature Date Delivered 8/11/08

DISPOSAL SITE INFORMATION

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

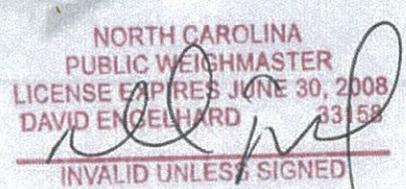
Lisa James Dennis Tammy Name (Print or Type) Signature Date Received 8-11-08
White - Disposal Site Copy Yellow - Final Generator/Agent Copy Pink - Transporter Copy Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS  
AIR STATION CHERRY POINT N.C.**

**Environmental Affairs Department**

**OFFICIAL WEIGHT CERTIFICATE**

**IN DATE 11 August 2008 TIME 0810 AM EAD-4538**

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> ZB-13272 NC #B-24	
<b>Name of Driver; (print)</b>  MICHAEL OLDS		<b>Driver's Address:</b> Baysden Trucking 1707 River Dr Greenville, NC 27858	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b> <i>041-SBT2-040</i>	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b>	59,380
	Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. TARE</b>	26,740
		<b>LBS. NET</b>	32,640
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
	Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle		
	Number of Passengers 0		
<small>"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"</small>			
<b>License Number</b>  33158	<b>Stamp and Signature</b>   INVALID UNLESS SIGNED		<b>Date/Time out</b>  11 August 2008  8:53 AM



061-SBT2-040

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST

GENERATOR INFORMATION

CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.
Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12
City: Havelock County: Craven City: Gibsonia County:
State: NC Zip: 28533 State: PA Zip: 15044
Site Location (if different): OU1 SBT2
EAD-4538

Table with 5 columns: Republic Services Approval #, Description of Waste, Volume/Weight, Expiration Date, Container Type. Row 1: 85703, SBT2 SOILS AND SEDIMENTS, 32,640, 7/2/09, DUMP

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER FOR MCASCP Generator/Authorized Agent Name Signature Date Shipped 8/11/08

TRANSPORTER INFORMATION

Transporter Name: BAYSIDEN DOT #
Address: Truck Number: B-24
Phone Number:

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Michael L. Oids Name of Authorized Agent Signature Date Delivered 8/11/08

DISPOSAL SITE INFORMATION

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

Lisa James Dennis Tammy

Quantity Received: 16.20

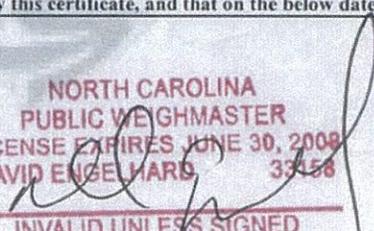
Name (Print or Type) Signature Date Received 8-11-08
White - Disposal Site Copy Yellow - Final Generator/Agent Copy Pink - Transporter Copy Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS  
AIR STATION CHERRY POINT N.C.**

Environmental Affairs Department

**OFFICIAL WEIGHT CERTIFICATE**

IN DATE **11 August 2008** TIME **0812 AM** EAD-4539

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> ZB-19850 NC #B-42	
<b>Name of Driver; (print)</b>  LEAMON SUTTON		<b>Driver's Address:</b> Baysden Trucking 1707 River Dr Greenville, NC 27858	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b> <i>061-SBT2-041</i>	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b>	57,900
	Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. TARE</b>	24,600
		<b>LBS. NET</b>	<b>33,300</b>
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A- Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
	Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle		
	<b>Number of Passengers</b> 0		
"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"			
<b>License Number</b>  33158	<b>Stamp and Signature</b>  <p align="center">NORTH CAROLINA PUBLIC WEIGHMASTER LICENSE EXPIRES JUNE 30, 2008 DAVID ENGELHARD 33158</p>  <p align="center">INVALID UNLESS SIGNED</p>	<b>Date/Time out</b>  11 August 2008  8:56 AM	



061-5BT2-041

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST
GENERATOR INFORMATION CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.
Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12
City: Havelock County: Craven City: Gibsonia County:
State: NC Zip: 28533 State: PA Zip: 15044
Site Location (if different): OU1 SBT2
EAD - 4539

Table with 5 columns: Republic Services Approval #, Description of Waste, Volume/Weight, Expiration Date, Container Type. Row 1: 80703, SBT2 SOILS AND SEDIMENTS, 33,300, 7/2/09, DUMP

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER FOR MCASCP Generator/Authorized Agent Name Signature Date Shipped 8/11/08

TRANSPORTER INFORMATION

Transporter Name: BAYSIDEN DOT #
Address: Truck Number: B-42
Phone Number:

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

LEAMON SOTTON Name of Authorized Agent Signature Date Delivered 8/11/08

DISPOSAL SITE INFORMATION

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

Lisa James Dennis Tammy Name (Print or Type) Signature Date Received 8-11-08
White - Disposal Site Copy Yellow - Final Generator/Agent Copy Pink - Transporter Copy Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS  
AIR STATION CHERRY POINT N.C.**

**Environmental Affairs Department**

**OFFICIAL WEIGHT CERTIFICATE**

**IN DATE 11 August 2008 TIME 0816 AM EAD-4540**

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> ZB-15653 NC #B-32	
<b>Name of Driver; (print)</b>  CLENNIE LEE		<b>Driver's Address:</b> Baysden Trucking 1707 River Dr Greenville, NC 27858	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b> <i>041-SBT2-042</i>	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b>	67,180
	Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. TARE</b>	27,920
		<b>LBS. NET</b>	39,260
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
	Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle		
	Number of Passengers 0		
<small>"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"</small>			
<b>License Number</b>  33158	<b>Stamp and Signature</b>   INVALID UNLESS SIGNED	<b>Date/Time out</b>  11 August 2008  9:05 AM	



061-5BT2-042

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST
GENERATOR INFORMATION CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.
Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12
City: Havelock County: Craven City: Gibsonia County:
State: NC Zip: 28533 State: PA Zip: 15044
Site Location (if different): OIII SBT2
EAD-4540

Table with 5 columns: Republic Services Approval #, Description of Waste, Volume/Weight, Expiration Date, Container Type. Row 1: 80703, SBT2 SOILS AND SEDIMENTS, 39,260, 1/2/09, DUMP

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER FOR MCASCP Generator/Authorized Agent Name Signature Date Shipped 8/11/08

TRANSPORTER INFORMATION

Transporter Name: BAYSDEN DOT #
Address: Truck Number: B-32
Phone Number:

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Clemie Lee Name of Authorized Agent Signature Date Delivered 8/11/08

DISPOSAL SITE INFORMATION

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

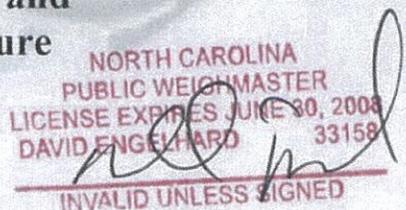
Lisa James Dennis Tammy Name (Print or Type) Signature Date Received 8-11-08
White - Disposal Site Copy Yellow - Final Generator/Agent Copy Pink - Transporter Copy Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS  
AIR STATION CHERRY POINT N.C.**

**Environmental Affairs Department**

**OFFICIAL WEIGHT CERTIFICATE**

**IN DATE 11 August 2008 TIME 0817 AM EAD-4541**

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> ZB-19805 NC #B-33	
<b>Name of Driver; (print)</b>  GREGORY DALE		<b>Driver's Address:</b> Baysden Trucking 1707 River Dr Greenville, NC 27858	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b> <i>DUI- SBT2-043</i>	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b>	73,240
	Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. TARE</b>	29,840
		<b>LBS. NET</b>	<b>43,400</b>
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
	Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle		
	<b>Number of Passengers</b> 0		
<small>"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"</small>			
<b>License Number</b>  33158	<b>Stamp and Signature</b>   <small>INVALID UNLESS SIGNED</small>		<b>Date/Time out</b>  11 August 2008  9:14 AM



061-5BT2-043

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST
GENERATOR INFORMATION CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.
Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12
City: Havclock County: Craven City: Gibsonia County:
State: NC Zip: 28533 State: PA Zip: 15044
Site Location (if different): OUI SBT2
EAD - 4541

Table with 5 columns: Republic Services Approval #, Description of Waste, Volume/Weight, Expiration Date, Container Type. Row 1: 80203, SBT2 SOILS AND SEDIMENTS, 43,450, 7/2/08, DUMP

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER for MCASCP
Generator/Authorized Agent Name Signature Date Shipped 8/11/08

TRANSPORTER INFORMATION

Transporter Name: BAYS DEN DOT #
Address: Truck Number: B-33
Phone Number:

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Anthony Reese
Name of Authorized Agent Signature Date Delivered 8/11/08

DISPOSAL SITE INFORMATION

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

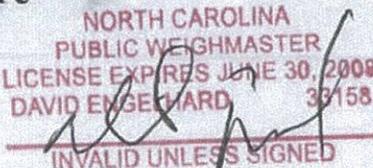
Lisa James Dennis Tammy
Name (Print or Type) Signature Date Received 8-11-08
White - Disposal Site Copy Yellow - Final Generator/Agent Copy Pink - Transporter Copy Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS  
AIR STATION CHERRY POINT N.C.**

Environmental Affairs Department

**OFFICIAL WEIGHT CERTIFICATE**

IN DATE 11 August 2008 TIME 1323 PM EAD-4547

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> ZB-14728 NC #B40	
<b>Name of Driver; (print)</b>  LONNIE GAY		<b>Driver's Address:</b> Baysden Trucking 1707 River Dr Greenville, NC 27858	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b> <i>061-5BT2-044</i>	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b>	70,860
	Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. TARE</b>	28,080
		<b>LBS. NET</b>	42,780
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
	Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle		
	Number of Passengers 0		
"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"			
<b>License Number</b>  33158	<b>Stamp and Signature</b>  <p align="center">NORTH CAROLINA PUBLIC WEIGHMASTER LICENSE EXPIRES JUNE 30, 2009 DAVID ENGBARD 33158</p>  INVALID UNLESS SIGNED	<b>Date/Time out</b>  11 August 2008  2:22 PM	



061-SBT2-044

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST
GENERATOR INFORMATION CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.
Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12
City: Havelock County: Craven City: Gibsonia County:
State: NC Zip: 28533 State: PA Zip: 15044
Site Location (if different): OU1 SBT2
EAD-4547

Table with 5 columns: Republic Services Approval #, Description of Waste, Volume/Weight, Expiration Date, Container Type. Row 1: 80703, SBT2 SOILS AND SEDIMENTS, 7/2/09, DUMP

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER for MCASCP
Generator/Authorized Agent Name

Signature

8/11/08
Date Shipped

TRANSPORTER INFORMATION

Transporter Name: BAYSSEN DOT #
Address: Truck Number: B-40
Phone Number:

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Lonnie Gay
Name of Authorized Agent

Signature

8/11/08
Date Delivered

DISPOSAL SITE INFORMATION

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

Lisa James Dennis Tammy

Quantity Received: 21.25

Name (Print or Type)

Signature

Date Received 8-11-08

White - Disposal Site Copy

Yellow - Final Generator/Agent Copy

Pink - Transporter Copy

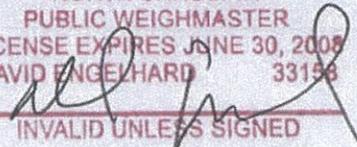
Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS  
AIR STATION CHERRY POINT N.C.**

**Environmental Affairs Department**

**OFFICIAL WEIGHT CERTIFICATE**

**IN DATE 11 August 2008 TIME 1325 PM EAD-4548**

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> ZB-36005 NC #EEB-6	
<b>Name of Driver; (print)</b>  LEONARD MILLS		<b>Driver's Address:</b> Baysden Trucking 1707 River Dr Greenville, NC 27858	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b>  <i>041-SBT2-045</i>	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b>	76,660
	Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. TARE</b>	28,480
		<b>LBS. NET</b>	<b>48,180</b>
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
	Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle		
	<b>Number of Passengers</b> 0		
<small>"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"</small>			
<b>License Number</b>  33158	<b>Stamp and Signature</b>  <p align="center"> <small>NORTH CAROLINA PUBLIC WEIGHMASTER LICENSE EXPIRES JUNE 30, 2008 DAVID ENGELHARD 33158</small>   <small>INVALID UNLESS SIGNED</small> </p>		<b>Date/Time out</b>  11 August 2008  2:25 PM



OU1-SBT2-045

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST
GENERATOR INFORMATION CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.
Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12
City: Havelock County: Craven City: Gibsonia County:
State: NC Zip: 28533 State: PA Zip: 15044
Site Location (if different): OU1 SBT2
EAD-4548

Table with 5 columns: Republic Services Approval #, Description of Waste, Volume/Weight, Expiration Date, Container Type. Row 1: 80203, SBT2 SOILS AND SEDIMENTS, 7/2/09, Dump

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER for MCASCP Generator/Authorized Agent Name Signature Date Shipped 8/11/08

TRANSPORTER INFORMATION

Transporter Name: BAYSDEN DOT #
Address: Truck Number: EEB-6
Phone Number:

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Leonard Mills Name of Authorized Agent Signature Date Delivered 8/11/08

DISPOSAL SITE INFORMATION

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

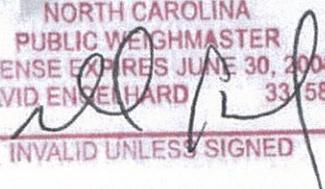
Lisa James Dennis Tammy Name (Print or Type) Signature Date Received 8-11-08
White - Disposal Site Copy Yellow - Final Generator/Agent Copy Pink - Transporter Copy Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS  
AIR STATION CHERRY POINT N.C.**

Environmental Affairs Department

**OFFICIAL WEIGHT CERTIFICATE**

IN DATE 12 August 2008 TIME 0700 AM EAD-4552

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> ZB-36005 NC #EEB-6	
<b>Name of Driver; (print)</b>  LEONARD MILLS		<b>Driver's Address:</b> Baysden Trucking 1707 River Dr Greenville, NC 27858	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b>  <i>DU1-SBT2-046</i>	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b>	70,820
	Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. TARE</b>	28,700
		<b>LBS. NET</b>	42,120
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
	Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle		
	Number of Passengers 0		
"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"			
<b>License Number</b>  33158	<b>Stamp and Signature</b>  <p align="center">NORTH CAROLINA PUBLIC WEIGHMASTER LICENSE EXPIRES JUNE 30, 2008 DAVID ENSEHARD 33158</p>  <p align="center">INVALID UNLESS SIGNED</p>		<b>Date/Time out</b>  12 August 2008  7:36 AM



041-SBT2-046

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST
GENERATOR INFORMATION CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.
Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12
City: Havelock County: Craven City: Gibsonia County:
State: NC Zip: 28533 State: PA Zip: 15044
Site Location (if different): OU1 SBT2
EAD - 4552

Table with 5 columns: Republic Services Approval #, Description of Waste, Volume/Weight, Expiration Date, Container Type. Row 1: 80703, SBT2 SOILS AND SEDIMENTS, 42,120, 7/2/09, DUMP

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER FOR MCASCP Generator/Authorized Agent Name Signature Date Shipped 8/12/08

TRANSPORTER INFORMATION

Transporter Name: BAYDEN DOT #
Address: Truck Number: B2B-6
Phone Number:

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Leonard Mills Name of Authorized Agent Signature Date Delivered 8/12/08

DISPOSAL SITE INFORMATION

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

Lisa James Dennis Tammy

Quantity Received: 21.01

Name (Print or Type) Signature Date Received 8-12-08

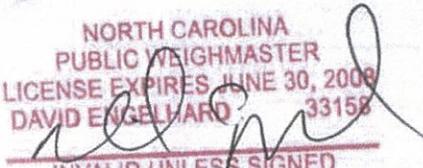
White - Disposal Site Copy Yellow - Final Generator/Agent Copy Pink - Transporter Copy Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS  
AIR STATION CHERRY POINT N.C.**

**Environmental Affairs Department**

**OFFICIAL WEIGHT CERTIFICATE**

**IN DATE 12 August 2008 TIME 0701 AM EAD-4553**

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> ZB-17174 NC #B29	
<b>Name of Driver; (print)</b>  SHERWOOD SOLOMON		<b>Driver's Address:</b> Baysden Trucking 1707 River Dr Greenville, NC 27858	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b> Project Superintendent is Chuck Blanch <i>OUL-SBT2-047</i>	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b>	60,540
	Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. TARE</b>	28,220
		<b>LBS. NET</b>	32,320
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
	Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle		
	Number of Passengers 0		
<small>"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"</small>			
<b>License Number</b>  33158	<b>Stamp and Signature</b>   <b>NORTH CAROLINA PUBLIC WEIGHMASTER LICENSE EXPIRES JUNE 30, 2008 DAVID ENGELHARD 33158</b> <b>INVALID UNLESS SIGNED</b>	<b>Date/Time out</b>  12 August 2008  7:52 AM	



041-SBT2-047

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST

GENERATOR INFORMATION

CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.
Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12
City: Havelock County: Craven City: Gibsonia County:
State: NC Zip: 28533 State: PA Zip: 15044
Site Location (if different): OUI SBT?
EAD-4553

Table with 5 columns: Republic Services Approval #, Description of Waste, Volume/Weight, Expiration Date, Container Type. Row 1: 80703, SBT2 SOILS AND SEDIMENTS, 32,320, 7/2/09, DUMP

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER FOR MCASCP Generator/Authorized Agent Name Signature Date Shipped 8/12/08

TRANSPORTER INFORMATION

Transporter Name: BAYSSEN DOT #
Address: Truck Number: B-29
Phone Number:

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Name of Authorized Agent Signature Date Delivered 8/12/08

DISPOSAL SITE INFORMATION

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

Lisa James Dennis Tammy Signature Date Received 8-12-08 Quantity Received: 16.00

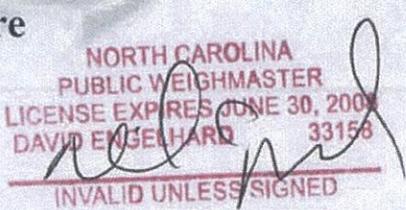
Name (Print or Type) Signature Date Received
White - Disposal Site Copy Yellow - Final Generator/Agent Copy Pink - Transporter Copy Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS  
AIR STATION CHERRY POINT N.C.**

**Environmental Affairs Department**

**OFFICIAL WEIGHT CERTIFICATE**

**IN DATE 12 August 2008 TIME 0703 AM EAD-4554**

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> ZB-15653 NC #B-32	
<b>Name of Driver; (print)</b>  CLENNIE LEE		<b>Driver's Address:</b> Baysden Trucking 1707 River Dr Greenville, NC 27858	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b> <i>DU1-SBT2-048</i>	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b>	68,480
	Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. TARE</b>	27,880
		<b>LBS. NET</b>	<b>40,600</b>
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
	Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle		
	Number of Passengers 0		
<small>"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"</small>			
<b>License Number</b>  33158	<b>Stamp and Signature</b>   NORTH CAROLINA PUBLIC WEIGHMASTER LICENSE EXPIRES JUNE 30, 2009 DAVID ENGELHARD 33158 INVALID UNLESS SIGNED		<b>Date/Time out</b>  12 August 2008  8:00 AM



041-SBT2-048

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST

GENERATOR INFORMATION

CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.  
 Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12  
 City: Havelock County: Craven City: Gibsonia County: \_\_\_\_\_  
 State: NC Zip: 28533 State: PA Zip: 15044  
 Site Location (if different): OU1 SBT2  
EAD-4554

Republic Services Approval #	Description of Waste	Volume/Weight	Expiration Date	Container Type
80703	SBT2 SOILS AND SEDIMENTS	40,600	7/2/09	DUMP

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER FOR MCASCP  
 Generator/Authorized Agent Name \_\_\_\_\_ Signature \_\_\_\_\_ Date Shipped 8/12/08

TRANSPORTER INFORMATION

Transporter Name: BAVSDEN DOT # \_\_\_\_\_  
 Address: \_\_\_\_\_ Truck Number: B-32  
 Phone Number: \_\_\_\_\_

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Clennie Lee \_\_\_\_\_ Clennie Lee \_\_\_\_\_ 8/12/08  
 Name of Authorized Agent Signature Date Delivered

DISPOSAL SITE INFORMATION

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

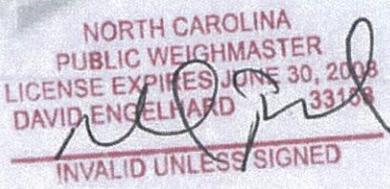
I hereby acknowledge receipt of the above described materials

Lisa \_\_\_\_\_ James \_\_\_\_\_ Dennis \_\_\_\_\_ Tammy \_\_\_\_\_ Quantity Received: 20.22  
 Name (Print or Type) Signature \_\_\_\_\_ Date Received 8-12-08  
 White - Disposal Site Copy Yellow - Final Generator/Agent Copy Pink - Transporter Copy Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS  
AIR STATION CHERRY POINT N.C.**

**Environmental Affairs Department  
OFFICIAL WEIGHT CERTIFICATE**

**IN DATE 12 August 2008 TIME 0739 PM EAD-4556**

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> ZB-19805 NC #B-33	
<b>Name of Driver; (print)</b>  GREGORY DALE		<b>Driver's Address:</b> Baysden Trucking 1707 River Dr Greenville, NC 27858	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b> <i>DLI-SBT2-049</i>	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b>	68,440
	Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. TARE</b>	28,440
		<b>LBS. NET</b>	<b>40,000</b>
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
	Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle		
	Number of Passengers 0		
<small>"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"</small>			
<b>License Number</b>  33158	<b>Stamp and Signature</b>   INVALID UNLESS SIGNED	<b>Date/Time out</b>  12 August 2008  8:22 AM	



061-SBT2-049

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST

GENERATOR INFORMATION

CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.
Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12
City: Havelock County: Craven City: Gibsonia County:
State: NC Zip: 28533 State: PA Zip: 15044
Site Location (if different): OU1 SBT2
EAD - 4556

Table with 5 columns: Republic Services Approval #, Description of Waste, Volume/Weight, Expiration Date, Container Type. Row 1: 80703, SBT2 SOILS AND SEDIMENTS, 40,000, 7/2/09, DUMP

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER FOR MCASCP Generator/Authorized Agent Name Signature Date Shipped 8/12/08

TRANSPORTER INFORMATION

Transporter Name: RAYDEN DOT # Address: Truck Number: B-33 Phone Number:

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Anthony Reese Name of Authorized Agent Signature Date Delivered 8/12/08

DISPOSAL SITE INFORMATION

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

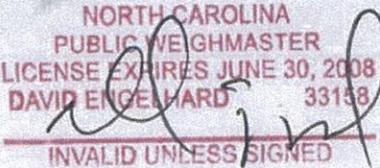
Lisa James Dennis Tammy Name (Print or Type) Signature Date Received 8-12-08
White - Disposal Site Copy Yellow - Final Generator/Agent Copy Pink - Transporter Copy Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS  
AIR STATION CHERRY POINT N.C.**

**Environmental Affairs Department**

**OFFICIAL WEIGHT CERTIFICATE**

**IN DATE 12 August 2008 TIME 0706 AM EAD-4555**

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> ZB-14728 NC #B40	
<b>Name of Driver; (print)</b>  LONNIE GAY		<b>Driver's Address:</b> Baysden Trucking 1707 River Dr Greenville, NC 27858	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b> <i>DU 1-5BT2-050</i>	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b>	69,740
	Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. TARE</b>	28,320
		<b>LBS. NET</b>	<b>41,420</b>
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
	Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle		
	Number of Passengers 0		
"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"			
<b>License Number</b>  33158	<b>Stamp and Signature</b>  <p align="center">               INVALID UNLESS SIGNED           </p>	<b>Date/Time out</b>  12 August 2008  8:25 AM	



DU1-SBT2-050

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST

GENERATOR INFORMATION

CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.
Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12
City: Havelock County: Craven City: Gibsonia County:
State: NC Zip: 28533 State: PA Zip: 15044
Site Location (if different): OU1 SBT2
EAD-4555

Table with 5 columns: Republic Services Approval #, Description of Waste, Volume/Weight, Expiration Date, Container Type. Row 1: 80703, SBT2 SOILS AND SEDIMENTS, 41.420, 7/2/09, DUMP

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER FOR MCASCP
Generator/Authorized Agent Name Signature Date Shipped 8/12/08

TRANSPORTER INFORMATION

Transporter Name: BAYS DEN DOT #
Address: Truck Number: B-40
Phone Number:

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Lonnice Gay
Name of Authorized Agent Signature Date Delivered 8/12/08

DISPOSAL SITE INFORMATION

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

Lisa James Dennis Tammy

Quantity Received: 20.67
8-12-08

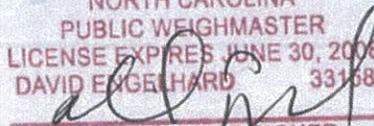
Name (Print or Type) Signature Date Received
White - Disposal Site Copy Yellow - Final Generator/Agent Copy Pink - Transporter Copy Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS  
AIR STATION CHERRY POINT N.C.**

**Environmental Affairs Department**

**OFFICIAL WEIGHT CERTIFICATE**

**IN DATE 12 August 2008 TIME 1221 AM EAD-4558**

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> ZB-36005 NC #EEB-6	
<b>Name of Driver; (print)</b>  LEONARD MILLS		<b>Driver's Address:</b> Baysden Trucking 1707 River Dr Greenville, NC 27858	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b> <i>041-SBT2-051</i>	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b>	71,480
	Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. TARE</b>	28,400
		<b>LBS. NET</b>	<b>43,080</b>
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
	Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle		
	Number of Passengers 0		
<small>"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"</small>			
<b>License Number</b>  33158	<b>Stamp and Signature</b>  <p align="center"> <small>NORTH CAROLINA PUBLIC WEIGHMASTER LICENSE EXPIRES JUNE 30, 2008 DAVID ENGELHARD 33158</small>    <small>INVALID UNLESS SIGNED</small> </p>	<b>Date/Time out</b>  12 August 2008  12:43 PM	



041-SBT2-051

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST

GENERATOR INFORMATION

CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.
Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12
City: Havelock County: Craven City: Gibsonia County:
State: NC Zip: 28533 State: PA Zip: 15044
Site Location (if different): OUI SBT2
EAD-

Table with 5 columns: Republic Services Approval #, Description of Waste, Volume/Weight, Expiration Date, Container Type. Row 1: 90203, SBT2 SOILS AND SEDIMENTS, 43,000, 7/2/09, DUMP

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER FOR MCASCP Signature Date Shipped 8/12/08
Generator/Authorized Agent Name

TRANSPORTER INFORMATION

Transporter Name: BAYSJEN DOT #
Address: Truck Number: EEB-6
Phone Number:

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Leonard Mills Signature Date Delivered 8/12/08
Name of Authorized Agent

DISPOSAL SITE INFORMATION

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

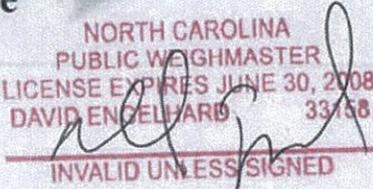
Lisa James Dennis Tammy Quantity Received: 21.37
Name (Print or Type) Signature Date Received 8-12-08
White - Disposal Site Copy Yellow - Final Generator/Agent Copy Pink - Transporter Copy Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS  
AIR STATION CHERRY POINT N.C.**

**Environmental Affairs Department**

**OFFICIAL WEIGHT CERTIFICATE**

**IN DATE 12 August 2008 TIME 1246 PM EAD-4559**

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> ZB-15653 NC #B-32	
<b>Name of Driver; (print)</b>  CLENNIE LEE		<b>Driver's Address:</b> Baysden Trucking 1707 River Dr Greenville, NC 27858	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b>  DU1-SBT2-052	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b>	76,020
	Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. TARE</b>	27,640
		<b>LBS. NET</b>	<b>48,380</b>
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
	Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle		
	Number of Passengers 0		
<small>"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"</small>			
<b>License Number</b>  33158	<b>Stamp and Signature</b>   INVALID UNLESS SIGNED	<b>Date/Time out</b>  12 August 2008  1:38 PM	



DU1-SBT2-052

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST
GENERATOR INFORMATION CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.
Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12
City: Havelock County: Craven City: Gibsonia County:
State: NC Zip: 28533 State: PA Zip: 15044
Site Location (if different): OUI SBT2
EAD-4559

Table with 5 columns: Republic Services Approval #, Description of Waste, Volume/Weight, Expiration Date, Container Type. Row 1: 80703, SBT2 SOILS AND SEDIMENTS, 48,380, 7/2/09, DUMP

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER FOR MCASCP Generator/Authorized Agent Name Signature Date Shipped 8/12/08

TRANSPORTER INFORMATION

Transporter Name: BAYSDEN DOT #
Address: Truck Number: B-32
Phone Number:

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Clennie Lee Name of Authorized Agent Signature Date Delivered 8/12/08

DISPOSAL SITE INFORMATION

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

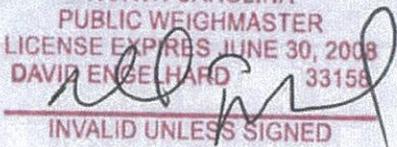
Lisa James Dennis Tammy Name (Print or Type) Signature Date Received 8-12-08
White - Disposal Site Copy Yellow - Final Generator/Agent Copy Pink - Transporter Copy Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS  
AIR STATION CHERRY POINT N.C.**

**Environmental Affairs Department**

**OFFICIAL WEIGHT CERTIFICATE**

**IN DATE 12 August 2008 TIME 1300 PM EAD-4560**

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> ZB-19805 NC #B-33	
<b>Name of Driver; (print)</b>  GREGORY DALE		<b>Driver's Address:</b> Baysden Trucking 1707 River Dr Greenville, NC 27858	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b>  <i>041-SBT2-053</i>	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b>	65,500
	Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. TARE</b>	28,260
		<b>LBS. NET</b>	<b>37,240</b>
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
	Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle		
	Number of Passengers 0		
<small>"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"</small>			
<b>License Number</b>  33158	<b>Stamp and Signature</b>  <p align="center">NORTH CAROLINA PUBLIC WEIGHMASTER LICENSE EXPIRES JUNE 30, 2008 DAVID ENGELHARD 33158</p>  <hr/> INVALID UNLESS SIGNED	<b>Date/Time out</b>  12 August 2008  1:28 PM	



041-SBT2-053

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST

GENERATOR INFORMATION

CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.
Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12
City: Havelock County: Craven City: Gibsonia County:
State: NC Zip: 28533 State: PA Zip: 15044
Site Location (if different): OU1 SBT2
EAD-4560

Table with 5 columns: Republic Services Approval #, Description of Waste, Volume/Weight, Expiration Date, Container Type. Row 1: 80703, SBT2 SOILS AND SEDIMENTS, 37,240, 7/2/08, DUMP

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER FOR MCASCP Generator/Authorized Agent Name Signature Date Shipped 8/12/08

TRANSPORTER INFORMATION

Transporter Name: BAYSDEN DOT #
Address: Truck Number: B-33
Phone Number:

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Anthony Reese Name of Authorized Agent Signature Date Delivered

DISPOSAL SITE INFORMATION

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

Lisa James Dennis Tammy

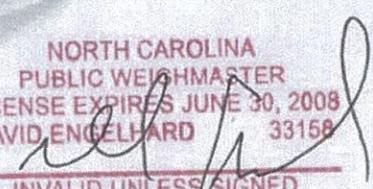
Quantity Received: 18.38

Name (Print or Type) Signature Date Received 8-12-08
White - Disposal Site Copy Yellow - Final Generator/Agent Copy Pink - Transporter Copy Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS  
AIR STATION CHERRY POINT N.C.**

**Environmental Affairs Department  
OFFICIAL WEIGHT CERTIFICATE**

**IN DATE 12 August 2008 TIME 1323 PM EAD-4561**

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> ZB-17174 NC #B29	
<b>Name of Driver; (print)</b>  SHERWOOD SOLOMON		<b>Driver's Address:</b> Baysden Trucking 1707 River Dr Greenville, NC 27858	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b> Project Superintendent is Chuck Blanch <i>DLI-SBT2-054</i>	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b>	43,840
	Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. TARE</b>	28,120
		<b>LBS. NET</b>	15,720
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
	Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle		
	Number of Passengers 0		
<small>"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"</small>			
<b>License Number</b>  33158	<b>Stamp and Signature</b>  <p align="center"> <small>NORTH CAROLINA PUBLIC WEIGHMASTER LICENSE EXPIRES JUNE 30, 2008 DAVID ENGELHARD 33158</small>   <small>INVALID UNLESS SIGNED</small> </p>	<b>Date/Time out</b>  12 August 2008  2:25 PM	



041-SBT2-054

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST
GENERATOR INFORMATION CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.
Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12
City: Havelock County: Craven City: Gibsonia County:
State: NC Zip: 28533 State: PA Zip: 15044
Site Location (if different): OUI SBT2
EAD-4561

Table with 5 columns: Republic Services Approval #, Description of Waste, Volume/Weight, Expiration Date, Container Type. Row 1: 80703, SBT2 SOILS AND SEDIMENTS, 15,720, 7/2/09, DUMP

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER FOR MCASCP Generator/Authorized Agent Name Signature Date Shipped 8/11/08

TRANSPORTER INFORMATION

Transporter Name: BAYS DEN DOT #
Address: Truck Number: B-29
Phone Number:

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Name of Authorized Agent Signature Date Delivered 8/12/08

DISPOSAL SITE INFORMATION

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

Lisa James Dennis Tammy Name (Print or Type) Signature Date Received 8-12-08
White - Disposal Site Copy Yellow - Final Generator/Agent Copy Pink - Transporter Copy Goldenrod - Generator Retain

**UNITED STATES MARINE CORPS  
AIR STATION CHERRY POINT N.C.**

**Environmental Affairs Department**

**OFFICIAL WEIGHT CERTIFICATE**

**IN DATE 12 August 2008 TIME 1324 PM EAD-4562**

<b>Vehicle type:</b> Dump Truck		<b>License No./State or Country:</b> ZB-14728 NC #B40	
<b>Name of Driver; (print)</b>  LONNIE GAY		<b>Driver's Address:</b> Baysden Trucking 1707 River Dr Greenville, NC 27858	
<b>Merchandise:</b> Contaminated Soil		<b>Remarks:</b> <i>DUI-SBT2-055</i>	
<b>Driver</b>	Enter in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. GROSS</b>	36,420
	Exit in <input checked="" type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>LBS. TARE</b>	27,980
		<b>LBS. NET</b>	8,440
<b>Passengers</b>	Enter in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle	<b>WARNING:</b> Any person who shall knowingly falsely make, issue, alter, forge, or counterfeit this certificate, or participate in any such actions, or otherwise violate provisions in the Weights and Measures Law (G.S. 81A Article 5) and the Regulations (2 NCAC38.0500), is subject to criminal, civil, and administrative penalties.	
	Exit in <input type="checkbox"/> Out <input type="checkbox"/> Vehicle		
	Number of Passengers 0		
"I certify that I am licensed or authorized under the North Carolina Department of Agriculture and Consumer Service Standards Division (G.S. 81A Article 5) to weigh the kind material covered by this certificate, and that on the below date the above was weighed with the above results:"			
<b>License Number</b>  33158	<b>Stamp and Signature</b>  <p align="center">NORTH CAROLINA PUBLIC WEIGHMASTER LICENSE EXPIRES JUNE 30, 2008 DAVID ENGELHARD 33158 <i>[Signature]</i> INVALID UNLESS SIGNED</p>	<b>Date/Time out</b>  12 August 2008  2:15 PM	



061-5BT2-055

East Carolina Environmental 1922 Republican Road Aulander, NC 27805 252-348-3322

NON-HAZARDOUS WASTE MANIFEST
GENERATOR INFORMATION CUSTOMER/BILLING INFORMATION

Generator Name: Commanding Officer MCAS CHERRY POINT Billing Name: RHEA Engineers & Consultants, Inc.
Address: PSC Box 8006 Address: 4951 William Flynn Highway, Suite 12
City: Havelock County: Craven City: Gibsonia County:
State: NC Zip: 28533 State: PA Zip: 15044
Site Location (if different): OUI SBT2
EAD-4562

Table with 5 columns: Republic Services Approval #, Description of Waste, Volume/Weight, Expiration Date, Container Type. Row 1: 80703, SBT2 SOILS AND SEDIMENTS, 8440, 7/2/09, DUMP

\*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

JEFF CHRISTOPHER FOR MCASCP Signature Date Shipped 8/12/08
Generator/Authorized Agent Name

TRANSPORTER INFORMATION

Transporter Name: BAYDEN DOT #
Address: Truck Number: B-40
Phone Number:

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Lonnie Gay Signature Date Delivered 8/12/08
Name of Authorized Agent

DISPOSAL SITE INFORMATION

Site Name: East Carolina Environmental Phone No. 252-348-3322 Address: 1922 Republican Road Aulander, NC 27805

I hereby acknowledge receipt of the above described materials

Lisa James Dennis Tammy Quantity Received: 4611
Signature Date Received 8-12-08
Name (Print or Type) Signature Date Received
White - Disposal Site Copy Yellow - Final Generator/Agent Copy Pink - Transporter Copy Goldenrod - Generator Retain

## **APPENDIX E**

# **BACKFILL SOIL SAMPLING ANALYTICAL REPORTS**



Technical Report for

Rhea Engineers & Consultants, Inc

Tank Farm D; MCAS Cherry Point

Accutest Job Number: F57901

Sampling Date: 05/30/08

Report to:

Rhea Engineers & Consultants, Inc

brad@rhea.us  
erica@rhea.us  
ATTN: Erica DeLattre

Total number of pages in report: **15**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

  
Harry Behzadi, Ph.D.  
Laboratory Director

Client Service contact: Jean Dent-Smith 407-425-6700

Certifications: FL (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK  
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Test results relate only to samples analyzed.



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## Sample Summary

Rhea Engineers & Consultants, Inc

Job No: F57901

Tank Farm D; MCAS Cherry Point

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
F57901-1	05/30/08	12:00 ED	05/31/08	SO	Soil	T2-STYRON-S1
F57901-2	05/30/08	12:00 ED	05/31/08	SO	Soil	T2-JS-S1

---

Soil samples reported on a dry weight basis unless otherwise indicated on result page.



## Sample Results

---

## Report of Analysis

---

## Report of Analysis

<b>Client Sample ID:</b> T2-STYRON-S1	
<b>Lab Sample ID:</b> F57901-1	<b>Date Sampled:</b> 05/30/08
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 05/31/08
<b>Method:</b> SW846 8015 SW846 5030A	<b>Percent Solids:</b> 96.3
<b>Project:</b> Tank Farm D; MCAS Cherry Point	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	QR041761.D	1	06/03/08	AH	05/31/08 11:12	n/a	GQR1794
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.80 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	5.6	2.8	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	83%		56-136%		
98-08-8	aaa-Trifluorotoluene	76%		61-121%		

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected      MDL - Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

## Report of Analysis

<b>Client Sample ID:</b> T2-STYRON-S1		<b>Date Sampled:</b> 05/30/08
<b>Lab Sample ID:</b> F57901-1		<b>Date Received:</b> 05/31/08
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 96.3
<b>Method:</b> SW846 8015 M SW846 3550B		
<b>Project:</b> Tank Farm D; MCAS Cherry Point		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF26668.D	1	06/03/08	NY	06/02/08	OP25255	GZF1188
Run #2							

	Initial Weight	Final Volume
Run #1	30.6 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28) <sup>a</sup>	8.96	8.5	5.1	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
84-15-1	o-Terphenyl	78%		49-108%		

(a) Petroleum hydrocarbon pattern extends beyond C28.

ND = Not detected      MDL - Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

## Report of Analysis

<b>Client Sample ID:</b> T2-STYRON-S1	<b>Date Sampled:</b> 05/30/08
<b>Lab Sample ID:</b> F57901-1	<b>Date Received:</b> 05/31/08
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 96.3
<b>Project:</b> Tank Farm D; MCAS Cherry Point	

### Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	0.95	0.41	0.20	mg/kg	1	06/04/08	06/05/08 RS	SW846 6010B <sup>2</sup>	SW846 3050B <sup>4</sup>
Barium	2.5 J	10	0.25	mg/kg	1	06/04/08	06/05/08 RS	SW846 6010B <sup>2</sup>	SW846 3050B <sup>4</sup>
Cadmium	0.051 U	0.20	0.051	mg/kg	1	06/04/08	06/05/08 RS	SW846 6010B <sup>2</sup>	SW846 3050B <sup>4</sup>
Chromium	1.9	0.51	0.071	mg/kg	1	06/04/08	06/05/08 RS	SW846 6010B <sup>2</sup>	SW846 3050B <sup>4</sup>
Lead	1.9 J	5.1	0.12	mg/kg	1	06/04/08	06/05/08 RS	SW846 6010B <sup>2</sup>	SW846 3050B <sup>4</sup>
Mercury	0.010 U	0.084	0.010	mg/kg	1	06/03/08	06/03/08 LM	SW846 7471A <sup>1</sup>	SW846 7471A <sup>3</sup>
Selenium	0.23 U	5.1	0.23	mg/kg	1	06/04/08	06/05/08 RS	SW846 6010B <sup>2</sup>	SW846 3050B <sup>4</sup>
Silver	0.071 U	0.51	0.071	mg/kg	1	06/04/08	06/05/08 RS	SW846 6010B <sup>2</sup>	SW846 3050B <sup>4</sup>

- (1) Instrument QC Batch: MA6507
- (2) Instrument QC Batch: MA6512
- (3) Prep QC Batch: MP14496
- (4) Prep QC Batch: MP14513

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

## Report of Analysis

<b>Client Sample ID:</b> T2-STYRON-S1	<b>Date Sampled:</b> 05/30/08
<b>Lab Sample ID:</b> F57901-1	<b>Date Received:</b> 05/31/08
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 96.3
<b>Project:</b> Tank Farm D; MCAS Cherry Point	

### General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
HEM Oil and Grease	567	100	52	mg/kg	1	06/02/08	CP	SW846 9071B
Solids, Percent	96.3			%	1	06/02/08	CP	SM19 2540B M

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

### Report of Analysis

<b>Client Sample ID:</b> T2-JS-S1		
<b>Lab Sample ID:</b> F57901-2		<b>Date Sampled:</b> 05/30/08
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 05/31/08
<b>Method:</b> SW846 8015 SW846 5030A		<b>Percent Solids:</b> 81.3
<b>Project:</b> Tank Farm D; MCAS Cherry Point		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	QR041758.D	1	06/03/08	AH	05/31/08 11:12	n/a	GQR1794
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.80 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	7.6	3.8	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	101%		56-136%		
98-08-8	aaa-Trifluorotoluene	76%		61-121%		

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected      MDL - Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

## Report of Analysis

<b>Client Sample ID:</b> T2-JS-S1		<b>Date Sampled:</b> 05/30/08
<b>Lab Sample ID:</b> F57901-2		<b>Date Received:</b> 05/31/08
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 81.3
<b>Method:</b> SW846 8015 M SW846 3550B		
<b>Project:</b> Tank Farm D; MCAS Cherry Point		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF26684.D	5	06/04/08	NY	06/02/08	OP25255	GZF1189
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28) <sup>a</sup>	322	51	30	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
84-15-1	o-Terphenyl	90%		49-108%		

(a) Petroleum hydrocarbon pattern extends beyond C28.

ND = Not detected      MDL - Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

## Report of Analysis

<b>Client Sample ID:</b> T2-JS-S1	<b>Date Sampled:</b> 05/30/08
<b>Lab Sample ID:</b> F57901-2	<b>Date Received:</b> 05/31/08
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 81.3
<b>Project:</b> Tank Farm D; MCAS Cherry Point	

### Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	0.71	0.47	0.23	mg/kg	1	06/04/08	06/05/08 RS	SW846 6010B <sup>2</sup>	SW846 3050B <sup>4</sup>
Barium	3.0 J	12	0.30	mg/kg	1	06/04/08	06/05/08 RS	SW846 6010B <sup>2</sup>	SW846 3050B <sup>4</sup>
Cadmium	0.059 U	0.24	0.059	mg/kg	1	06/04/08	06/05/08 RS	SW846 6010B <sup>2</sup>	SW846 3050B <sup>4</sup>
Chromium	2.1	0.59	0.083	mg/kg	1	06/04/08	06/05/08 RS	SW846 6010B <sup>2</sup>	SW846 3050B <sup>4</sup>
Lead	1.0 J	5.9	0.14	mg/kg	1	06/04/08	06/05/08 RS	SW846 6010B <sup>2</sup>	SW846 3050B <sup>4</sup>
Mercury	0.035 J	0.10	0.012	mg/kg	1	06/03/08	06/03/08 LM	SW846 7471A <sup>1</sup>	SW846 7471A <sup>3</sup>
Selenium	0.27 U	5.9	0.27	mg/kg	1	06/04/08	06/05/08 RS	SW846 6010B <sup>2</sup>	SW846 3050B <sup>4</sup>
Silver	0.083 U	0.59	0.083	mg/kg	1	06/04/08	06/05/08 RS	SW846 6010B <sup>2</sup>	SW846 3050B <sup>4</sup>

- (1) Instrument QC Batch: MA6507
- (2) Instrument QC Batch: MA6512
- (3) Prep QC Batch: MP14496
- (4) Prep QC Batch: MP14513

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

## Report of Analysis

<b>Client Sample ID:</b> T2-JS-S1	<b>Date Sampled:</b> 05/30/08
<b>Lab Sample ID:</b> F57901-2	<b>Date Received:</b> 05/31/08
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 81.3
<b>Project:</b> Tank Farm D; MCAS Cherry Point	

### General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
HEM Oil and Grease	294	120	62	mg/kg	1	06/02/08	CP	SW846 9071B
Solids, Percent	81.3			%	1	06/02/08	CP	SM19 2540B M

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL



## Misc. Forms

---

### Custody Documents and Other Forms

---

Includes the following where applicable:

- Certification Exceptions
- Chain of Custody



**ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION**

ACCUTEST'S JOB NUMBER: F57901 CLIENT: Rhea PROJECT: TANK FARM D  
 DATE/TIME RECEIVED: 05-31-08 0930 # OF COOLERS RECEIVED: 1 COOLER TEMPS: 3.2  
 METHOD OF DELIVERY:  FEDEX  UPS  ACCUTEST COURIER  GREYHOUND  DELIVERY  OTHER  
 AIRBILL NUMBERS: 865158 238647

**COOLER INFORMATION**

- CUSTODY SEAL NOT PRESENT OR NOT INTACT
- CHAIN OF CUSTODY NOT RECEIVED (COC)
- ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- TEMPERATURE CRITERIA NOT MET
- WET ICE RECEIVED IN COOLER

**TRIP BLANK INFORMATION**

- TRIP BLANK PROVIDED
- TRIP BLANK NOT PROVIDED
- TRIP BLANK NOT ON COC
- TRIP BLANK INTACT
- TRIP BLANK NOT INTACT
- RECEIVED WATER TRIP BLANK
- RECEIVED SOIL TRIP BLANK

**SAMPLE INFORMATION**

- SAMPLE LABELS NOT PRESENT ON ALL BOTTLES
  - CORRECT NUMBER OF CONTAINERS USED
  - SAMPLE RECEIVED IMPROPERLY PRESERVED
  - INSUFFICIENT VOLUME FOR ANALYSIS
  - TIMES ON COC DOES NOT MATCH LABEL(S)
  - ID'S ON COC DOES NOT MATCH LABEL(S)
  - VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
  - BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
  - NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
  - UNCLEAR FILTERING INSTRUCTIONS
  - UNCLEAR COMPOSITING INSTRUCTIONS
  - SAMPLE CONTAINER(S) RECEIVED BROKEN
  - % SOLIDS JAR NOT RECEIVED
  - 5035 FIELD KIT NOT FROZEN WITHIN 48 HOUR'S
  - RESIDUAL CHLORINE PRESENT
- ( APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)

**MISC. INFORMATION**

NUMBER OF ENCORES ? 0  
 NUMBER OF 5035 FIELD KITS ? 0  
 NUMBER OF LAB FILTERED METALS ? 0

SUMMARY OF COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

TECHNICIAN SIGNATURE/DATE E.M. 05-31-08 TECHNICIAN SIGNATURE/DATE jc 5-31-08 ASBD 12/17/07

\*200

31  
3



Technical Report for

Rhea Engineers & Consultants, Inc

Trib 2

367

Accutest Job Number: F58144

Sampling Date: 06/11/08

Report to:

Rhea Engineers & Consultants, Inc.

erica@rhea.us  
brad@rhea.us  
ATTN: Erica DeLattre

Total number of pages in report: **15**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

  
Harry Behzadi, Ph.D.  
Laboratory Director

Client Service contact: Jean Dent-Smith 407-425-6700

Certifications: FL (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK  
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Test results relate only to samples analyzed.



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## Sample Summary

Rhea Engineers & Consultants, Inc

Job No: F58144

Trib 2  
Project No: 367

Sample Number	Collected		Matrix Code	Type	Client Sample ID	
	Date	Time By				
F58144-1	06/11/08	00:00 TLG	06/12/08	SO	Soil	T2-SAND-S1
F58144-2	06/11/08	00:00 TLG	06/12/08	SO	Soil	T2-TOPSOIL-S1

---

Soil samples reported on a dry weight basis unless otherwise indicated on result page.



## Sample Results

---

## Report of Analysis

---

## Report of Analysis

<b>Client Sample ID:</b> T2-SAND-S1	
<b>Lab Sample ID:</b> F58144-1	<b>Date Sampled:</b> 06/11/08
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 06/12/08
<b>Method:</b> SW846 8015	<b>Percent Solids:</b> 90.2
<b>Project:</b> Trib 2	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QR041904.D	1	06/13/08	AH	n/a	n/a	GQR1804
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	6.95 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	4.5	2.3	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	80%		56-136%		
98-08-8	aaa-Trifluorotoluene	71%		61-121%		

ND = Not detected      MDL - Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

## Report of Analysis

<b>Client Sample ID:</b> T2-SAND-S1		
<b>Lab Sample ID:</b> F58144-1		<b>Date Sampled:</b> 06/11/08
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 06/12/08
<b>Method:</b> SW846 8015 M SW846 3550B		<b>Percent Solids:</b> 90.2
<b>Project:</b> Trib 2		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF26729.D	1	06/13/08	NY	06/13/08	OP25380	GZF1192
Run #2							

Run #	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	ND	9.2	5.5	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
84-15-1	o-Terphenyl	74%		49-108%		

ND = Not detected      MDL - Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

## Report of Analysis

<b>Client Sample ID:</b> T2-SAND-S1	<b>Date Sampled:</b> 06/11/08
<b>Lab Sample ID:</b> F58144-1	<b>Date Received:</b> 06/12/08
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 90.2
<b>Project:</b> Trib 2	

### Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic <sup>a</sup>	3.2 J	4.4	2.0	mg/kg	10	06/13/08	06/16/08 RS	SW846 6010B <sup>3</sup>	SW846 3050B <sup>5</sup>
Barium	3.9 J	11	0.55	mg/kg	1	06/13/08	06/13/08 RS	SW846 6010B <sup>2</sup>	SW846 3050B <sup>5</sup>
Cadmium	0.10 J	0.22	0.055	mg/kg	1	06/13/08	06/13/08 RS	SW846 6010B <sup>2</sup>	SW846 3050B <sup>5</sup>
Chromium	6.5	0.55	0.089	mg/kg	1	06/13/08	06/13/08 RS	SW846 6010B <sup>2</sup>	SW846 3050B <sup>5</sup>
Lead <sup>a</sup>	2.7 J	55	2.5	mg/kg	10	06/13/08	06/16/08 RS	SW846 6010B <sup>3</sup>	SW846 3050B <sup>5</sup>
Mercury	0.012 U	0.080	0.012	mg/kg	1	06/13/08	06/13/08 LM	SW846 7471A <sup>1</sup>	SW846 7471A <sup>4</sup>
Selenium <sup>a</sup>	4.6 J	55	1.7	mg/kg	10	06/13/08	06/16/08 RS	SW846 6010B <sup>3</sup>	SW846 3050B <sup>5</sup>
Silver	0.067 U	0.55	0.067	mg/kg	1	06/13/08	06/13/08 RS	SW846 6010B <sup>2</sup>	SW846 3050B <sup>5</sup>

- (1) Instrument QC Batch: MA6536
- (2) Instrument QC Batch: MA6540
- (3) Instrument QC Batch: MA6542
- (4) Prep QC Batch: MP14568
- (5) Prep QC Batch: MP14571

(a) Elevated reporting limit(s) due to matrix interference.

RL = Reporting Limit  
MDL = Method Detection Limit

U = Indicates a result < MDL  
J = Indicates a result > = MDL but < RL

## Report of Analysis

<b>Client Sample ID:</b> T2-SAND-S1	<b>Date Sampled:</b> 06/11/08
<b>Lab Sample ID:</b> F58144-1	<b>Date Received:</b> 06/12/08
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 90.2
<b>Project:</b> Trib 2	

### General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
HEM Oil and Grease	56 U	110	56	mg/kg	1	06/13/08	CP	SW846 9071B
Solids, Percent	90.2			%	1	06/12/08	AL	SM19 2540B M

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

## Report of Analysis

<b>Client Sample ID:</b> T2-TOPSOIL-S1	
<b>Lab Sample ID:</b> F58144-2	<b>Date Sampled:</b> 06/11/08
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 06/12/08
<b>Method:</b> SW846 8015	<b>Percent Solids:</b> 86.9
<b>Project:</b> Trib 2	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QR041905.D	1	06/13/08	AH	n/a	n/a	GQR1804
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	8.98 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	4.0	2.0	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	86%		56-136%		
98-08-8	aaa-Trifluorotoluene	71%		61-121%		

ND = Not detected      MDL - Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

## Report of Analysis

<b>Client Sample ID:</b> T2-TOPSOIL-S1	
<b>Lab Sample ID:</b> F58144-2	<b>Date Sampled:</b> 06/11/08
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 06/12/08
<b>Method:</b> SW846 8015 M SW846 3550B	<b>Percent Solids:</b> 86.9
<b>Project:</b> Trib 2	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YY09063.D	2	06/19/08	NY	06/17/08	OP25427	GY315
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28) <sup>a</sup>	51.4	19	11	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
84-15-1	o-Terphenyl	73%		49-108%		

(a) Petroleum hydrocarbon pattern extends beyond C28.

ND = Not detected      MDL - Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

## Report of Analysis

<b>Client Sample ID:</b> T2-TOPSOIL-S1	<b>Date Sampled:</b> 06/11/08
<b>Lab Sample ID:</b> F58144-2	<b>Date Received:</b> 06/12/08
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 86.9
<b>Project:</b> Trib 2	

### Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	1.9	0.44	0.20	mg/kg	1	06/18/08	06/18/08 RS	SW846 6010B <sup>2</sup>	SW846 3050B <sup>3</sup>
Barium	26.1	11	0.55	mg/kg	1	06/18/08	06/18/08 RS	SW846 6010B <sup>2</sup>	SW846 3050B <sup>3</sup>
Cadmium	0.14 J	0.22	0.055	mg/kg	1	06/18/08	06/18/08 RS	SW846 6010B <sup>2</sup>	SW846 3050B <sup>3</sup>
Chromium	11.9	0.55	0.088	mg/kg	1	06/18/08	06/18/08 RS	SW846 6010B <sup>2</sup>	SW846 3050B <sup>3</sup>
Lead	32.2	5.5	0.25	mg/kg	1	06/18/08	06/18/08 RS	SW846 6010B <sup>2</sup>	SW846 3050B <sup>3</sup>
Mercury	0.036 J	0.086	0.012	mg/kg	1	06/18/08	06/18/08 LM	SW846 7471A <sup>1</sup>	SW846 7471A <sup>4</sup>
Selenium	0.47 J	5.5	0.17	mg/kg	1	06/18/08	06/18/08 RS	SW846 6010B <sup>2</sup>	SW846 3050B <sup>3</sup>
Silver	0.066 U	0.55	0.066	mg/kg	1	06/18/08	06/18/08 RS	SW846 6010B <sup>2</sup>	SW846 3050B <sup>3</sup>

- (1) Instrument QC Batch: MA6548
- (2) Instrument QC Batch: MA6549
- (3) Prep QC Batch: MP14599
- (4) Prep QC Batch: MP14602

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

## Report of Analysis

<b>Client Sample ID:</b> T2-TOPSOIL-S1	<b>Date Sampled:</b> 06/11/08
<b>Lab Sample ID:</b> F58144-2	<b>Date Received:</b> 06/12/08
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 86.9
<b>Project:</b> Trib 2	

### General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
HEM Oil and Grease	713	120	58	mg/kg	1	06/13/08	CP	SW846 9071B
Solids, Percent	86.9			%	1	06/18/08	LE	SM19 2540B M

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL



## Misc. Forms

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### Custody Documents and Other Forms

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Includes the following where applicable:

- Certification Exceptions
- Chain of Custody



**ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION**

ACCUTEST'S JOB NUMBER: F58144 CLIENT: Rhea engineering PROJECT: Trib  
 DATE/TIME RECEIVED: 6-12-08 10:30 # OF COOLERS RECEIVED: 1 COOLER TEMPS: 1.8  
 METHOD OF DELIVERY: FEDEX UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER  
 AIRBILL NUMBERS: 8656 2056 9942

**COOLER INFORMATION**

- CUSTODY SEAL NOT PRESENT OR NOT INTACT
- CHAIN OF CUSTODY NOT RECEIVED (COC)
- ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- TEMPERATURE CRITERIA NOT MET
- WET ICE RECEIVED IN COOLER

**TRIP BLANK INFORMATION**

- TRIP BLANK PROVIDED
- TRIP BLANK NOT PROVIDED
- TRIP BLANK NOT ON COC
- TRIP BLANK INTACT
- TRIP BLANK NOT INTACT
- RECEIVED WATER TRIP BLANK
- RECEIVED SOIL TRIP BLANK

**MISC. INFORMATION**

NUMBER OF ENCORES ? 0  
 NUMBER OF 5035 FIELD KITS ? 2 + TB  
 NUMBER OF LAB FILTERED METALS ? 8

SUMMARY OF COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**SAMPLE INFORMATION**

- SAMPLE LABELS NOT PRESENT ON ALL BOTTLES
  - CORRECT NUMBER OF CONTAINERS USED
  - SAMPLE RECEIVED IMPROPERLY PRESERVED
  - INSUFFICIENT VOLUME FOR ANALYSIS
  - TIMES ON COC DOES NOT MATCH LABEL(S)
  - ID'S ON COC DOES NOT MATCH LABEL(S)
  - VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
  - BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
  - NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
  - UNCLEAR FILTERING INSTRUCTIONS
  - UNCLEAR COMPOSITING INSTRUCTIONS //
  - SAMPLE CONTAINER(S) RECEIVED BROKEN //
  - % SOLIDS JAR NOT RECEIVED
  - 5035 FIELD KIT NOT FROZEN WITHIN 48 HOUR'S
  - RESIDUAL CHLORINE PRESENT
- ( APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)

TECHNICIAN SIGNATURE/DATE Jmc 6-12-08 TECHNICIAN SIGNATURE/DATE JC 6-12-08 ASBD 12/17/07

\* 2 Du

31  
3



Technical Report for

Rhea Engineers & Consultants, Inc

Trib 2

367

Accutest Job Number: F58434

Sampling Date: 06/26/08

Report to:

Rhea Engineers & Consultants, Inc.

brad@rhea.us

ATTN: Brad McCalla

Total number of pages in report: **13**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

  
Harry Behzadi, Ph.D.  
Laboratory Director

Client Service contact: Jean Dent-Smith 407-425-6700

Certifications: FL (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK  
This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.  
Test results relate only to samples analyzed.



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## Sample Summary

Rhea Engineers & Consultants, Inc

**Job No:** F58434

Trib 2

Project No: 367

Sample Number	Collected		Matrix		Client Sample ID
	Date	Time By	Received	Code Type	
F58434-1	06/26/08	13:00 BAM	06/27/08	SO Soil	T2-TOPSOIL-S-2

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Soil samples reported on a dry weight basis unless otherwise indicated on result page.

## SAMPLE DELIVERY GROUP CASE NARRATIVE

**Client:** Rhea Engineers & Consultants, Inc

**Job No:** F58434

**Site:** Trib 2

**Report Date:** 7/10/2008 12:55:45

1 Sample was collected on 06/26/2008 and was received at Accutest on 06/27/2008 properly preserved, at 3 Deg. C and intact. The Sample received an Accutest job number of F58434. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

### Volatiles by GC by Method SW846 8015

**Matrix:** SO

**Batch ID:** GQR1817

All samples were analyzed within the recommended method holding time.

Samples F58426-2MS, F58426-2MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

### Extractables by GC by Method SW846 8015 M

**Matrix:** SO

**Batch ID:** OP25604

All samples were extracted within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

F58434-1 for TPH (C10-C28): Petroleum hydrocarbon pattern extends beyond C28.

### Metals by Method SW846 6010B

**Matrix:** SO

**Batch ID:** MP14667

All samples were digested within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Samples F58466-1DUP, F58466-1MS, F58466-1MSD, F58466-1SDL were used as the QC samples for metals.

Matrix Spike and Matrix Spike Duplicate Recoverys for Arsenic, Barium, Cadmium, Chromium, Lead, Selenium, Silver are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

RPDs for Serial Dilution for Arsenic, Cadmium, Selenium, Lead are outside control limits for sample MP14667-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

MP14667-SD1 for Lead: Serial dilution indicates possible matrix interference.

### Metals by Method SW846 7471A

**Matrix:** SO

**Batch ID:** MP14672

All samples were digested within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Samples F58466-1DUP, F58466-1MS, F58466-1MSD, F58466-1SDL were used as the QC samples for metals.

RPD for Serial Dilution for Mercury is outside control limits for sample MP14672-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Thursday, July 10, 2008

### Wet Chemistry by Method SM19 2540B M

**Matrix:** SO

**Batch ID:** GN31033

Sample F58434-1DUP was used as the QC sample for Solids, Percent.

### Wet Chemistry by Method SW846 9071B

**Matrix:** SO

**Batch ID:** GP11322

All samples were prepped within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Accutest Laboratories Southeast (ALSE) certifies that this report meets the project requirements for analytical data produced for the samples as received at ALSE and as stated on the COC. ALSE certifies that the data meets the Data Quality Objectives for precision, accuracy and completeness as specified in the ALSE Quality Manual except as noted above. This report is to be used in its entirety. ALSE is not responsible for any assumptions of data quality if partial data packages are used.

Narrative prepared by:

\_\_\_\_\_  
Ellen Pampel, Inorganic QA (signature on file)

Date: July 10, 2008

**Thursday, July 10, 2008**



Sample Results

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Report of Analysis

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## Report of Analysis

3.1  
3

<b>Client Sample ID:</b> T2-TOPSOIL-S-2	
<b>Lab Sample ID:</b> F58434-1	<b>Date Sampled:</b> 06/26/08
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 06/27/08
<b>Method:</b> SW846 8015	<b>Percent Solids:</b> 82.5
<b>Project:</b> Trib 2	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QR042186.D	1	06/27/08	AH	n/a	n/a	GQR1817
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.46 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	7.9	3.9	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	81%		56-136%		
98-08-8	aaa-Trifluorotoluene	75%		61-121%		

ND = Not detected      MDL - Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

## Report of Analysis

3.1  
3

<b>Client Sample ID:</b> T2-TOPSOIL-S-2	
<b>Lab Sample ID:</b> F58434-1	<b>Date Sampled:</b> 06/26/08
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 06/27/08
<b>Method:</b> SW846 8015 M SW846 3550B	<b>Percent Solids:</b> 82.5
<b>Project:</b> Trib 2	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LL22431.D	1	07/03/08	NY	07/03/08	OP25604	GLL835
Run #2							

	Initial Weight	Final Volume
Run #1	29.9 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28) <sup>a</sup>	28.8	10	6.1	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
84-15-1	o-Terphenyl	88%		49-108%		

(a) Petroleum hydrocarbon pattern extends beyond C28.

ND = Not detected      MDL - Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

# Report of Analysis

<b>Client Sample ID:</b> T2-TOPSOIL-S-2	<b>Date Sampled:</b> 06/26/08
<b>Lab Sample ID:</b> F58434-1	<b>Date Received:</b> 06/27/08
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 82.5
<b>Project:</b> Trib 2	

## Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	1.1	0.48	0.22	mg/kg	1	06/30/08	06/30/08 RS	SW846 6010B <sup>1</sup>	SW846 3050B <sup>3</sup>
Barium	16.8	12	0.61	mg/kg	1	06/30/08	06/30/08 RS	SW846 6010B <sup>1</sup>	SW846 3050B <sup>3</sup>
Cadmium	0.28	0.24	0.061	mg/kg	1	06/30/08	06/30/08 RS	SW846 6010B <sup>1</sup>	SW846 3050B <sup>3</sup>
Chromium	8.5	0.61	0.097	mg/kg	1	06/30/08	06/30/08 RS	SW846 6010B <sup>1</sup>	SW846 3050B <sup>3</sup>
Lead	34.5	6.1	0.27	mg/kg	1	06/30/08	06/30/08 RS	SW846 6010B <sup>1</sup>	SW846 3050B <sup>3</sup>
Mercury	0.033 J	0.093	0.013	mg/kg	1	07/01/08	07/01/08 LM	SW846 7471A <sup>2</sup>	SW846 7471A <sup>4</sup>
Selenium	0.30 J	6.1	0.19	mg/kg	1	06/30/08	06/30/08 RS	SW846 6010B <sup>1</sup>	SW846 3050B <sup>3</sup>
Silver	0.073 U	0.61	0.073	mg/kg	1	06/30/08	06/30/08 RS	SW846 6010B <sup>1</sup>	SW846 3050B <sup>3</sup>

- (1) Instrument QC Batch: MA6580
- (2) Instrument QC Batch: MA6583
- (3) Prep QC Batch: MP14667
- (4) Prep QC Batch: MP14672

RL = Reporting Limit  
MDL = Method Detection Limit

U = Indicates a result < MDL  
J = Indicates a result > = MDL but < RL

## Report of Analysis

<b>Client Sample ID:</b> T2-TOPSOIL-S-2	<b>Date Sampled:</b> 06/26/08
<b>Lab Sample ID:</b> F58434-1	<b>Date Received:</b> 06/27/08
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 82.5
<b>Project:</b> Trib 2	

### General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
HEM Oil and Grease	192	120	60	mg/kg	1	06/28/08	CP	SW846 9071B
Solids, Percent	82.5			%	1	07/01/08	LR	SM19 2540B M

RL = Reporting Limit  
MDL = Method Detection Limit

U = Indicates a result < MDL  
J = Indicates a result > = MDL but < RL



## Misc. Forms

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### Custody Documents and Other Forms

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Includes the following where applicable:

- Certification Exceptions
- Chain of Custody



**ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION**

ACCUTEST'S JOB NUMBER: F58434 CLIENT: Rhwa PROJECT: TRIG-2 - Cherry Point  
 DATE/TIME RECEIVED: 06-27-08 0900 # OF COOLERS RECEIVED: 1 COOLER TEMPS: 3.0  
 METHOD OF DELIVERY: FEDEX UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER  
 AIRBILL NUMBERS: 865158572261

**COOLER INFORMATION**

- CUSTODY SEAL NOT PRESENT OR NOT INTACT
- CHAIN OF CUSTODY NOT RECEIVED (COC)
- ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- TEMPERATURE CRITERIA NOT MET
- WET ICE RECEIVED IN COOLER

**TRIP BLANK INFORMATION**

- TRIP BLANK PROVIDED
- TRIP BLANK NOT PROVIDED
- TRIP BLANK NOT ON COC
- TRIP BLANK INTACT
- TRIP BLANK NOT INTACT
- RECEIVED WATER TRIP BLANK
- RECEIVED SOIL TRIP BLANK

**SAMPLE INFORMATION**

- SAMPLE LABELS NOT PRESENT ON ALL BOTTLES
- CORRECT NUMBER OF CONTAINERS USED
- SAMPLE RECEIVED IMPROPERLY PRESERVED
- INSUFFICIENT VOLUME FOR ANALYSIS
- TIMES ON COC DOES NOT MATCH LABEL(S)
- ID'S ON COC DOES NOT MATCH LABEL(S)
- VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- UNCLEAR FILTERING INSTRUCTIONS
- UNCLEAR COMPOSITING INSTRUCTIONS
- SAMPLE CONTAINER(S) RECEIVED BROKEN
- % SOLIDS JAR NOT RECEIVED
- 5035 FIELD KIT NOT FROZEN WITHIN 48 HOUR'S
- RESIDUAL CHLORINE PRESENT

( APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)

**MISC. INFORMATION**

NUMBER OF ENCORES ? 0  
 NUMBER OF 5035 FIELD KITS ? 1  
 NUMBER OF LAB FILTERED METALS ? 0

SUMMARY OF COMMENTS: Received 2 (MeOH) vials for 5035 field kit.

TECHNICIAN SIGNATURE/DATE F.M. 06-27-08 TECHNICIAN SIGNATURE/DATE [Signature] ASBD 12/17/07

4  
4

**APPENDIX F**  
**BACKFILL RECEIPTS**

# Martin Marietta Materials



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!	WARNING See important health information on reverse.
	PRECAUCIÓN Ver información importante para la salud en el reverso.

Sold To: 250428 Job# 888802 012  
 SUNLAND DEVELOPMENT &  
 CONSTRUCTION INC  
 SWANSBORO NC 28584

Ticket#: 8695336  
 Sold From: 4420B Clarks

Date: 07/31/08 Time: 10:55 PO No:  
 Hauler: 85 SUNLAND

Job / Dest: Information  
 MISC JOB TAX EXEMPT TRK  
 MISCELLANEOUS JOB EXEMPT TRUCK  
 REHA JOB CHERRY POINT

			Lot#				Cash Sale
Job:	Lds	Today Quantity	To Date Quantity	Gross: Lbs	Tons		Matl \$
2		35.89	30,621.85	(1)	30.59		Tax \$
Dest:		35.89	488.21	Tare: 25,760	12.88		Haul \$
Product Number:		0500		Net: (1)			Total \$
Description:	5			35,420	17.71		Payment Recvd By:
Sec. Prod		0.00	QTY:	17.71	Ton		Max GVW: 70,000.00

Additional Information: Weighperson: LYNDON HUMPHREY  
 NC DOT CA189 & FA214  
 252-633-5308

Driver: SUNLAND Customer: 23838753  
 Martin Marietta Materials Standard Terms and Conditions apply (copy available at Site Office). CONTROL NUMBER

# Martin Marietta Materials



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!	WARNING See important health information on reverse.
	PRECAUCIÓN Ver información importante para la salud en el reverso.

Sold To: 250428 Job# 888802 012  
 SUNLAND DEVELOPMENT &  
 CONSTRUCTION INC  
 SWANSBORO NC 28584

Ticket#: 8695432  
 Sold From: 4420B Clarks

Date: 07/31/08 Time: 12:47 PO No:  
 Hauler: 85 SUNLAND

Job / Dest: Information  
 MISC JOB TAX EXEMPT TRK  
 MISCELLANEOUS JOB EXEMPT TRUCK  
 REHA JOB CHERRY POINT

			Lot#				Cash Sale
Job:	Lds	Today Quantity	To Date Quantity	Gross: Lbs	Tons		Matl \$
3		54.41	30,640.37	(1)	31.40		Tax \$
Dest:		54.41	506.73	Tare: 25,760	12.88		Haul \$
Product Number:		0500		Net: (1)			Total \$
Description:	5			37,040	18.52		Payment Recvd By:
Sec. Prod		0.00	QTY:	18.52	Ton		Max GVW: 70,000.00

Additional Information: Weighperson: LYNDON HUMPHREY  
 NC DOT CA189 & FA214  
 252-633-5308

# Martin Marietta Materials



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**PRECAUCIÓN**  
Ver información importante para la salud en el reverso.

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Ticket#: **8691540**

Sold To: **250428** Job# **888802** 012  
**SUNLAND DEVELOPMENT & CONSTRUCTION INC**  
**SWANSBORO NC 28584**

Sold From: **44208** **Clarks**

Date: **07/17/08** Time: **08:07** PO No:  
 Hauler: **S-14** **SUNLAND DEL. TRUC**

Job/Dest: Information  
**MISC JOB TAX EXEMPT TRK**  
**MISCELLANEOUS JOB EXEMPT TRUCK**  
**RHEA JOB CHERRY POINT**

Lot#

Job:	Today Lds	Today Quantity	To Date Quantity	Gross Lbs	Tons	Cash Sale
Job:	2	32.48	30,372.85	62,000	31.00	
Dest:	2	32.48	319.95	Tare: 26,900	13.45	
Product Number:	0500			Net: (1)		
Description:	5			33,100	17.55	
Sec. Prod			0.00	QTY: 17.55	Ton	
						Mat \$ Tax \$ Haul \$ Totals Max GVW: 69,000.00

Additional Information: Weighperson: **LYNDON HUMPHREY**  
**NC DOT CA189 & FA214**  
**252-633-5308**

Driver: **SUNLAND** Customer: **23834957**  
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Ticket#: **8691696**

Sold To: **250428** Job# **888802** 012  
**SUNLAND DEVELOPMENT & CONSTRUCTION INC**  
**SWANSBORO NC 28584**

Sold From: **44208** **Clarks**

Date: **07/17/08** Time: **11:38** PO No:  
 Hauler: **S-14** **SUNLAND DEL. TRUC**

Job/Dest: Information  
**MISC JOB TAX EXEMPT TRK**  
**MISCELLANEOUS JOB EXEMPT TRUCK**  
**RHEA JOB CHERRY POINT**

Lot#

Job:	Today Lds	Today Quantity	To Date Quantity	Gross Lbs	Tons	Cash Sale
Job:	7	114.12	30,454.49	63,380	31.69	
Dest:	6	99.06	386.53	Tare: 26,900	13.45	
Product Number:	0500			Net: (1)		
Description:	5			36,480	18.24	
Sec. Prod			0.00	QTY: 18.24	Ton	
						Mat \$ Tax \$ Haul \$ Totals Max GVW: 69,000.00

Additional Information: Weighperson: **LYNDON HUMPHREY**  
**NC DOT CA189 & FA214**  
**252-633-5308**

Driver: **SUNLAND** Customer: **23835093**

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Ticket#: **8691781**

Sold To: **250428** Job# **888802** 012  
**SUNLAND DEVELOPMENT & CONSTRUCTION INC**  
**SWANSBORO NC 28584**

Sold From: **4420B** **Clarks**

Date: **07/17/08** Time: **13:49** PO No:  
 Hauler: **5-14** **SUNLAND DEL. TRUC**

Job / Dest Information  
**MISC JOB TAX EXEMPT TRK**  
**MISCELLANEDUS JOB EXEMPT TRUCK**  
**RHEA JOB CHERRY POINT**

Lot#

Job:	Lds	Today Quantity	To Date Quantity	Gross:	Lbs	Tons	Cash Sale
9		147.35	30,487.72		61,460	30.73	Mail \$
8		132.29	419.76	Tare:	26,900	13.45	Tax \$
Product Number: <b>0500</b>				Net:	(1)		Haul \$
Description: <b>5</b>					34,560	17.28	Totals
Sec. Prod				QTY:	17.28	Ton	Max GVW: 69,000.00

Additional Information: Weighperson: **LYNDON HUMPHREY**  
**NC DOT CA189 & FA214**  
**252-633-5308**

Driver: **SUNLAND** Customer: **23835178**  
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Ticket#: **8691858**

Sold To: **250428** Job# **888802** 012  
**SUNLAND DEVELOPMENT & CONSTRUCTION INC**  
**SWANSBORO NC 28584**

Sold From: **4420B** **Clarks**

Date: **07/17/08** Time: **15:24** PO No:  
 Hauler: **5-14** **SUNLAND DEL. TRUC**

Job / Dest Information  
**MISC JOB TAX EXEMPT TRK**  
**MISCELLANEDUS JOB EXEMPT TRUCK**  
**RHEA JOB CHERRY POINT**

Lot#

Job:	Lds	Today Quantity	To Date Quantity	Gross:	Lbs	Tons	Cash Sale
11		179.91	30,520.28		61,800	30.90	Mat \$
10		164.85	452.32	Tare:	26,900	13.45	Tax \$
Product Number: <b>0500</b>				Net:	(1)		Haul \$
Description: <b>5</b>					34,900	17.45	Totals
Sec. Prod				QTY:	17.45	Ton	Max GVW: 69,000.00

Additional Information: Weighperson: **LYNDON HUMPHREY**  
**NC DOT CA189 & FA214**  
**252-633-5308**



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Ticket#: 8691624

Sold To: 250428 Job# 888802 012  
SUNLAND DEVELOPMENT &  
CONSTRUCTION INC  
SWANSBORO NC 28584

Sold From: 4420B Clarks  
Job / Dest: Information  
MISC JOB TAX EXEMPT TRK  
MISCELLANEDUS JOB EXEMPT TRUCK  
RHEA JOB CHERRY POINT

Date: 07/17/08 Time: 09:42 PO No:  
Truck: 09:42  
Hauler: S-14 SUNLAND DEL. TRUC

Lot#

Job:	Lds	Today Quantity	To Date Quantity	Gross: Lbs	Tons	Cash Sale
5		80.16	30,420.53	62,420	31.21	Mat \$
Dest: 4		65.10	352.57	Tare: 26,900	13.45	Tax \$
Product Number: 0500				Net: (1)		Haul \$
Description: 5				35,520	17.76	Total \$
Sec. Prod		0.00	QTY: 17.76	Ton		Payment Recvd By:
						Max GVW: 69,000.00

Additional Information: Weighperson: LYNDON HUMPHREY  
NC DOT CA189 & FA214  
252-633-5308

Driver: SUNLAND

Customer: 23835021

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Ticket#: 8691623

Sold To: 250428 Job# 888802 012  
SUNLAND DEVELOPMENT &  
CONSTRUCTION INC  
SWANSBORO NC 28584

Sold From: 4420B Clarks  
Job / Dest: Information  
MISC JOB TAX EXEMPT TRK  
MISCELLANEDUS JOB EXEMPT TRUCK  
RHEA JOB CHERRY POINT

Date: 07/17/08 Time: 09:41 PO No:  
Truck: 09:41  
Hauler: 511 SUNLAND DEL.

Lot#

Job:	Lds	Today Quantity	To Date Quantity	Gross: Lbs	Tons	Cash Sale
4		62.40	30,402.77	53,760	26.88	Mat \$
Dest: 3		47.34	334.81	Tare: 24,040	12.02	Tax \$
Product Number: 0500				Net: (1)		Haul \$
Description: 5				29,720	14.86	Total \$
Sec. Prod		0.00	QTY: 14.86	Ton		Payment Recvd By:
						Max GVW: 56,000.00

Additional Information: Weighperson: LYNDON HUMPHREY  
NC DOT CA189 & FA214  
252-633-5308

Driver: SUNLAND

Customer: 23835020

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Ticket#: 8691559

Sold To: 250428 Job# 888802 012 SUNLAND DEVELOPMENT & CONSTRUCTION INC SWANSBORO NC 28584

Sold From: 44208 Clarks

Date: 07/17/08 Time: 08:06 PO No: Job / Dest. Information Hauler: S11 SUNLAND DEL.

MISC JOB TAX EXEMPT TRK MISCCELLANEOUS JOB EXEMPT TRUCK RHEA JOB CHERRY POINT

Lot#

Table with columns: Job, Lds, Today Quantity, To Date Quantity, Lbs, Tons, Cash Sale, Description, Sec. Prod, QTY, Total\$, Max GVW: 56,000.00

Additional Information:

Weighperson: LYNDON HUMPHREY NC DOT CA189 & FA214 252-633-5308

Driver: SUNLAND

Customer: 23834956

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Ticket#: 8691495

Sold To: 250428 Job# 888802 012 SUNLAND DEVELOPMENT & CONSTRUCTION INC SWANSBORO NC 28584

Sold From: 44208 Clarks

Date: 07/17/08 Time: 11:38 PO No: Hauler: S11 SUNLAND DEL.

MISC JOB TAX EXEMPT TRK MISCCELLANEOUS JOB EXEMPT TRUCK RHEA JOB CHERRY POINT

Lot#

Table with columns: Job, Lds, Today Quantity, To Date Quantity, Lbs, Tons, Cash Sale, Description, Sec. Prod, QTY, Total\$, Max GVW: 56,000.00

Additional Information:

Weighperson: LYNDON HUMPHREY NC DOT CA189 & FA214 252-633-5308

Driver: SUNLAND

Customer: 23835092

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**Ticket#:** 8691857

**Sold To:** 250428 Job# 888802 012  
SUNLAND DEVELOPMENT &  
CONSTRUCTION INC  
SWANSBORO NC 28584

**Sold From:** 4420B Clarks

**Date:** 07/17/08 **Time:** 15:24 **PO No:**  
**Hauler:** 511 SUNLAND DEL.

**Job / Dest. Information:**  
MISC JOB TAX EXEMPT TRK  
MISCELLANEOUS JOB EXEMPT TRUCK  
RHEA JOB CHERRY POINT

Lot#

		Today	To Date			Cash Sale	
		Lds	Quantity	Lbs	Tons		
<b>Job:</b>	10	162.46	30,502.83	Gross: 54,260	27.13	<b>Mail \$</b>	
<b>Dest:</b>	9	147.40	434.87	(1)		<b>Tax \$</b>	
<b>Product Number:</b>	0500			Tare: 24,040	12.02	<b>Hauls</b>	
<b>Description:</b>	5			Net: (1)		<b>Totals</b>	
<b>Sec. Prod</b>		0.00		<b>QTY:</b> 30,220	15.11	<b>Max GVW:</b> 56,000.00	
					15.11 Ton		

**Additional Information:**

**Weighperson:** LYNDON HUMPHREY  
NC DOT CA189 & FA214  
252-633-5308

**Driver:** SUNLAND

**Customer:** 23835254

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**Ticket#:** 8691780

**Sold To:** 250428 Job# 888802 012  
SUNLAND DEVELOPMENT &  
CONSTRUCTION INC  
SWANSBORO NC 28584

**Sold From:** 4420B Clarks

**Date:** 07/17/08 **Time:** 13:48 **PO No:**  
**Hauler:** 511 SUNLAND DEL.

**Job / Dest. Information:**  
MISC JOB TAX EXEMPT TRK  
MISCELLANEOUS JOB EXEMPT TRUCK  
RHEA JOB CHERRY POINT

Lot#

		Today	To Date			Cash Sale	
		Lds	Quantity	Lbs	Tons		
<b>Job:</b>	8	130.07	30,470.44	Gross: 53,940	27.97	<b>Mail \$</b>	
<b>Dest:</b>	7	115.01	402.48	(1)		<b>Tax \$</b>	
<b>Product Number:</b>	0500			Tare: 24,040	12.02	<b>Hauls</b>	
<b>Description:</b>	5			Net: (1)		<b>Totals</b>	
<b>Sec. Prod</b>		0.00		<b>QTY:</b> 31,900	15.95	<b>Max GVW:</b> 56,000.00	
					15.95 Ton		

**Additional Information:**

**Weighperson:** LYNDON HUMPHREY  
NC DOT CA189 & FA214  
252-633-5308

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Ticket#: **8691121**

Sold To: **250428** Job# **888802** 012  
**SUNLAND DEVELOPMENT & CONSTRUCTION INC**  
**SWANSBORO NC 28584**

Sold From: **4420B Clarks**

Date: **07/15/08** Time: **16:06** PO No:  
Hauler: **S-15 STYRON CONST**

Job / Dest. Information  
**MISC JOB TAX EXEMPT TRK**  
**MISCELLANEOUS JOB EXEMPT TRUCK**  
**RHEA JOB CHERRY POINT**

Lot#			Lbs		Tons		Cash Sale	
Job:	Today Lds	Quantity	To Date Quantity	Gross:			Mail \$	
15	15	235.13	30,287.67	54,220	27.11	(1)		
Dest:	12	179.98	287.47	Tare:	24,000	12.00	Tax \$	
Product Number:	0500			Net:	(1)		Haul \$	
Description:	5				30,220	15.11	Totals	Payment Recvd By:
Sec. Prod		0.00	QTY:	15.11	Ton		Max GVW: 62,000.00	

Additional Information:

Weighperson: **LYNDON HUMPHREY**  
**NC DOT CA189 & FA214**  
**252-633-5308**

Driver: **STYRON CONST**

Customer: **23834518**

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Ticket#: **8691073**

Sold To: **250428** Job# **888802** 012  
**SUNLAND DEVELOPMENT & CONSTRUCTION INC**  
**SWANSBORO NC 28584**

Sold From: **4420B Clarks**

Date: **07/15/08** Time: **14:40** PO No:  
Hauler: **S-15 STYRON CONST**

Job / Dest. Information  
**MISC JOB TAX EXEMPT TRK**  
**MISCELLANEOUS JOB EXEMPT TRUCK**  
**RHEA JOB CHERRY POINT**

Lot#			Lbs		Tons		Cash Sale	
Job:	Today Lds	Quantity	To Date Quantity	Gross:			Mail \$	
13	13	204.99	30,257.53	53,140	26.57	(1)		
Dest:	10	149.84	257.33	Tare:	24,000	12.00	Tax \$	
Product Number:	0500			Net:	(1)		Haul \$	
Description:	5				29,140	14.57	Totals	Payment Recvd By:
Sec. Prod		0.00	QTY:	14.57	Ton		Max GVW: 62,000.00	

Additional Information:

Weighperson: **LYNDON HUMPHREY**  
**NC DOT CA189 & FA214**  
**252-633-5308**

Driver: **STYRON CONST**

Customer: **23834470**

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Ticket#: **8691007**

Sold To: **250428 Job# 888B02 012**  
**SUNLAND DEVELOPMENT & CONSTRUCTION INC**  
**SWANSBORO NC 28584**

Sold From: **44208 Clarks**

Date: **07/15/08** Time: **12:57** PO No:  
Hauler: **S17 STYRON CONST TRU**

Job/ Dest. Information  
**MISC JOB TAX EXEMPT TRK**  
**MISCELLANEOUS JOB EXEMPT TRUCK**  
**RHEA JOB CHERRY POINT**

Lot#

Job:	Lds	Today Quantity	To Date Quantity	Gross:	Lbs	Tons	Cash Sale
9		141.73	30,194.27		55,940	27.97	Matl \$
7		104.77	212.26		(1)		Tax \$
Product Number: <b>0500</b>				Tare:	24,860	12.43	Haul \$
Description: <b>5</b>				Net:	(1)		Total \$
Sec. Prod				QTY:	15.54	Ton	Payment Recvd By:
							Max GVW: <b>57,000.00</b>

Additional Information:

Weighperson: **LYNDON HUMPHREY**  
**NC DOT CA189 & FA214**  
**252-633-5308**

Driver: **STYRON\TERRY**

Customer: **23834404**

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Ticket#: **8690926**

Sold To: **250428 Job# 888B02 012**  
**SUNLAND DEVELOPMENT & CONSTRUCTION INC**  
**SWANSBORO NC 28584**

Sold From: **44208 Clarks**

Date: **07/15/08** Time: **09:25** PO No:  
Hauler: **S17 STYRON CONST TRU**

Job/ Dest. Information  
**MISC JOB TAX EXEMPT TRK**  
**MISCELLANEOUS JOB EXEMPT TRUCK**  
**RHEA JOB CHERRY POINT**

Lot#

Job:	Lds	Today Quantity	To Date Quantity	Gross:	Lbs	Tons	Cash Sale
4		63.43	30,115.97		55,080	27.54	Matl \$
3		44.96	152.45		(1)		Tax \$
Product Number: <b>0500</b>				Tare:	24,860	12.43	Haul \$
Description: <b>5</b>				Net:	(1)		Total \$
Sec. Prod				QTY:	15.11	Ton	Payment Recvd By:
							Max GVW: <b>57,000.00</b>

Additional Information:

Weighperson: **LYNDON HUMPHREY**  
**NC DOT CA189 & FA214**  
**252-633-5308**

Driver: **STYRON\TERRY**

Customer: **23834323**

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Ticket#: 8690899

Sold To: 250428 Job# 888802 012  
SUNLAND DEVELOPMENT &  
CONSTRUCTION INC  
SWANSBORD NC 28584

Sold From: 44208 Clarks  
MISC JOB TAX EXEMPT TRK  
MISCELLANEOUS JOB EXEMPT TRUCK  
RHEA JOB CHERRY POINT

Date: 07/15/08 Time: 07:55 PO No:  
Hauler: 517 STYRON CONST TRU

Job/Dest. Information  
MISC JOB TAX EXEMPT TRK  
MISCELLANEOUS JOB EXEMPT TRUCK  
RHEA JOB CHERRY POINT

Lot#

Job:	Lds	Today Quantity	To Date Quantity	Lbs Tons		Cash Sale
				Gross:	Net:	
Dest: 2		33.84	30,086.38	55,600	27.80	
1		15.37	122.86	(1)		
Product Number:		0500		24,860	12.43	
Description: 5				Net: (1)		
Sec. Prod			0.00	30,740	15.37	
				QTY: 15.37	Ton	
						Max GVW: 57,000.00

Additional Information:

Weighperson: LYNDON HUMPHREY  
NC DOT CA189 & FA214  
252-633-5308

Driver: STYRON TERRY

Customer: 23834296

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Ticket#: 8690966

Sold To: 250428 Job# 888802 012  
SUNLAND DEVELOPMENT &  
CONSTRUCTION INC  
SWANSBORD NC 28584

Sold From: 44208 Clarks  
MISC JOB TAX EXEMPT TRK  
MISCELLANEOUS JOB EXEMPT TRUCK  
RHEA JOB CHERRY POINT

Date: 07/15/08 Time: 10:57 PO No:  
Hauler: 517 STYRON CONST TRU

Job/Dest. Information  
MISC JOB TAX EXEMPT TRK  
MISCELLANEOUS JOB EXEMPT TRUCK  
RHEA JOB CHERRY POINT

Lot#

Job:	Lds	Today Quantity	To Date Quantity	Lbs Tons		Cash Sale
				Gross:	Net:	
Dest: 7		111.03	30,163.57	53,960	26.98	
5		74.07	181.56	(1)		
Product Number:		0500		24,860	12.43	
Description: 5				Net: (1)		
Sec. Prod			0.00	29,100	14.55	
				QTY: 14.55	Ton	
						Max GVW: 57,000.00

Additional Information:

Weighperson: LYNDON HUMPHREY  
NC DOT CA189 & FA214  
252-633-5308

Driver: STYRON TERRY

Customer: 23834363

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Ticket#: 8691119

Sold To: 250428 Job# 888802 012  
SUNLAND DEVELOPMENT &  
CONSTRUCTION INC  
SWANSBORO NC 28584

Sold From: 4420B Clarks

Date: 07/15/08 Time: 16:02 PO No:  
Hauler: 517 STYRON CONST TRU

Job / Dest. Information  
MISC JOB TAX EXEMPT TRK  
MISCELLANEOUS JOB EXEMPT TRUCK  
RHEA JOB CHERRY POINT

Lot#					Cash Sale	
Job:	Today Lds	Quantity	To Date Quantity	Lbs	Tons	
Dest: 14		220.02	30,272.56	Gross: 54,920	27.46	Mail \$
Dest: 11		164.87	272.36	(1)		Tax \$
Product Number: 0500				Tare: 24,860	12.43	Haul \$
Description: 5				Net: (1)		Total \$
Sec. Prod		0.00	QTY: 15.03	30,060	15.03	Payment Recvd By:
						Max GVW: 57,000.00

Additional Information: Weighperson: LYNDON HUMPHREY  
NC DOT CA189 & FA214  
252-633-5308

Driver: STYRON TERRY Customer: 23834516  
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Ticket#: 8691071

Sold To: 250428 Job# 888802 012  
SUNLAND DEVELOPMENT &  
CONSTRUCTION INC  
SWANSBORO NC 28584

Sold From: 4420B Clarks

Date: 07/15/08 Time: 14:39 PO No:  
Hauler: 517 STYRON CONST TRU

Job / Dest. Information  
MISC JOB TAX EXEMPT TRK  
MISCELLANEOUS JOB EXEMPT TRUCK  
RHEA JOB CHERRY POINT

Lot#					Cash Sale	
Job:	Today Lds	Quantity	To Date Quantity	Lbs	Tons	
Dest: 12		190.42	30,242.96	Gross: 55,700	27.85	Mail \$
Dest: 9		135.27	242.76	(1)		Tax \$
Product Number: 0500				Tare: 24,860	12.43	Haul \$
Description: 5				Net: (1)		Total \$
Sec. Prod		0.00	QTY: 15.42	30,840	15.42	Payment Recvd By:
						Max GVW: 57,000.00

Additional Information: Weighperson: LYNDON HUMPHREY  
NC DOT CA189 & FA214  
252-633-5308

Driver: STYRON TERRY Customer: 23834468

BBF  
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# Martin Marietta Materials

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Sold To: **250428** Job# **888802** **012**  
**SUNLAND DEVELOPMENT &**  
**CONSTRUCTION INC**  
**SWANSBORO NC 28584**

Date: **07/15/08** Time: **13:07** PO No:  
 Hauler: **5-15** **STYRON CONST**

COPY



**WARNING**  
See important health information on reverse.  
**PRECAUCIÓN**  
Ver información importante para la salud en el reverso.

Ticket#: **8691009**

Sold From: **44208** **Clarks**

Job / Dest. Information  
**MISC JOB TAX EXEMPT TRK**  
**MISCELLANEOUS JOB EXEMPT TRUCK**  
**RHEA JOB CHERRY POINT**

Lot#

Job:	Today Lds	Today Quantity	To Date Quantity	Gross Lbs	Tons	Cash Sale
Job:	10	156.81	30,209.35	54,160	27.08	Matt \$
Dest:	8	119.85	227.34	(1)		Tax \$
Product Number:	0500			24,000	12.00	Haul \$
Description:	5			(1)		Total \$
Sec. Prod		0.00		30,160	15.08	Payment Recvd By:
				QTY: 15.08	Ton	Max GVW: 62,000.00

Additional Information:

Weighperson: **LYNDON HUMPHREY**  
**NC DOT CA189 & FA214**  
**252-633-5308**

Driver: **STYRON CONST**

Customer: **23834406**

Martin Marietta Materials Standard Terms and Conditions apply (copy available at Site Office).

**CONTROL NUMBER**

# Martin Marietta Materials

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Sold To: **250428** Job# **888802** **012**  
**SUNLAND DEVELOPMENT &**  
**CONSTRUCTION INC**  
**SWANSBORO NC 28584**

Date: **07/15/08** Time: **09:43** PO No:  
 Hauler: **5-15** **STYRON CONST**

COPY



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Ticket#: **8690935**

Sold From: **44208** **Clarks**

Job / Dest. Information  
**MISC JOB TAX EXEMPT TRK**  
**MISCELLANEOUS JOB EXEMPT TRUCK**  
**RHEA JOB CHERRY POINT**

Lot#

Job:	Today Lds	Today Quantity	To Date Quantity	Gross Lbs	Tons	Cash Sale
Job:	5	77.99	30,130.53	53,120	26.56	Matt \$
Dest:	4	59.52	167.01	(1)		Tax \$
Product Number:	0500			24,000	12.00	Haul \$
Description:	5			(1)		Total \$
Sec. Prod		0.00		29,120	14.56	Payment Recvd By:
				QTY: 14.56	Ton	Max GVW: 62,000.00

Additional Information:

Weighperson: **LYNDON HUMPHREY**  
**NC DOT CA189 & FA214**  
**252-633-5308**

STYRON CONST

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Ticket#: **8690905**

Sold To: **250428 Job# 888802 012**  
**SUNLAND DEVELOPMENT & CONSTRUCTION INC**  
**SWANSBORO NC 28584**

Sold From: **44208 Clarks**  
Job / Dest. Information  
**MISC JOB TAX EXEMPT TRK**  
**MISCELLANEOUS JOB EXEMPT TRUCK**  
**RHEA JOB CHERRY POINT**

Date: **07/15/08** Time: **08:19** PO No:  
Truck: **5-15** Hauler: **STYRON CONST**

Lot#

Job:	Lds	Today Quantity	To Date Quantity	Gross:	Lbs	Tons	Cash Sale
3		48.32	30,100.86		52,960	26.48	Mat \$
Dest: 2		29.85	137.34	Tare:	24,000	12.00	Tax \$
Product Number:		0500		Net:	(1)		Haul \$
Description: 5					28,960	14.48	Total \$
Sec. Prod			0.00	QTY:	14.48	Ton	Payment Recvd By:
							Max GVW: 62,000.00

Additional Information:

Weighperson: **LYNDON HUMPHREY**  
**NC DOT CA189 & FA214**  
**252-633-5308**

Driver: **STYRON CONST**

Customer:

**23834302**

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Ticket#: **8690970**

Sold To: **250428 Job# 888802 012**  
**SUNLAND DEVELOPMENT & CONSTRUCTION INC**  
**SWANSBORO NC 28584**

Sold From: **44208 Clarks**  
Job / Dest. Information  
**MISC JOB TAX EXEMPT TRK**  
**MISCELLANEOUS JOB EXEMPT TRUCK**  
**RHEA JOB CHERRY POINT**

Date: **07/15/08** Time: **11:11** PO No:  
Truck: **5-15** Hauler: **STYRON CONST**

Lot#

Job:	Lds	Today Quantity	To Date Quantity	Gross:	Lbs	Tons	Cash Sale
8		126.19	30,178.73		54,320	27.16	Mat \$
Dest: 6		89.23	196.72	Tare:	24,000	12.00	Tax \$
Product Number:		0500		Net:	(1)		Haul \$
Description: 5					30,320	15.16	Total \$
Sec. Prod			0.00	QTY:	15.16	Ton	Payment Recvd By:
							Max GVW: 62,000.00

Additional Information:

Weighperson: **LYNDON HUMPHREY**  
**NC DOT CA189 & FA214**  
**252-633-5308**

Driver: **STYRON CONST**

Customer:

**23834367**

Martin Marietta Materials

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Ticket#: 8690823

Sold To: 250428 Job# 888802 012 SUNLAND DEVELOPMENT & CONSTRUCTION INC SWANSBORO NC 28584

Sold From: 4420B Clarks

Date: 07/14/08 Time: 14:14 PO No: Hauler: S17 STYRON CONST TRU

Job / Dest. Information MISC JOB TAX EXEMPT TRK MISCELLANEOUS JOB EXEMPT TRUCK RHEA JOB CHERRY POINT

Lot#

Table with columns: Job, Lds, Today Quantity, To Date Quantity, Gross Lbs/Tons, Tare, Net, Description, Cash Sale, Mat \$, Tax \$, Haul \$, Total \$, Max GVW: 57,000.00

Additional Information: Weighperson: LYNDON HUMPHREY NC DOT CA189 & FA214 252-633-5308

Driver: STYRON TERRY

Customer: 23834220 CONTROL NUMBER

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Ticket#: 8690758

Sold To: 250428 Job# 888802 012 SUNLAND DEVELOPMENT & CONSTRUCTION INC SWANSBORO NC 28584

Sold From: 4420B Clarks

Date: 07/14/08 Time: 10:31 PO No: Hauler: S17 STYRON CONST TRU

Job / Dest. Information MISC JOB TAX EXEMPT TRK MISCELLANEOUS JOB EXEMPT TRUCK RHEA JOB CHERRY POINT

Lot#

Table with columns: Job, Lds, Today Quantity, To Date Quantity, Gross Lbs/Tons, Tare, Net, Description, Cash Sale, Mat \$, Tax \$, Haul \$, Total \$, Max GVW: 57,000.00

Additional Information: Weighperson: LYNDON HUMPHREY NC DOT CA189 & FA214 252-633-5308

Driver: STYRON TERRY

Customer: 23834155

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Ticket#: **8690784**

Sold To: **25042B Job# 888802 012**  
**SUNLAND DEVELOPMENT & CONSTRUCTION INC**  
**SWANSBORO NC 28584**

Sold From: **44208 Clarks**

Date: **07/14/08** Time: **12:07** PO No:  
Hauler: **S17 STYRON CONST TRU**

Job/Dest: Information  
**MISC JOB TAX EXEMPT TRK**  
**MISCELLANEOUS JOB EXEMPT TRUCK**  
**RHEA JOB CHERRY POINT**

Lot#

Job:	Lds	Today Quantity	To Date Quantity	Gross: Lbs	Tons	Cash Sale
3		44.44	30,008.67	54,080	27.04	Matl \$
Dest: 3		44.44	63.62	Tare: 24,860	12.43	Tax \$
Product Number: 0500				Net: (1)		Haul \$
Description: 5				29,220	14.61	Totals
Sec. Prod		0.00	QTY: 14.61	Ton		Payment Recvd By:
						Max GVW: 57,000.00

Additional Information: Weighperson: **LYNDON HUMPHREY**  
**NC DOT CA189 & FA214**  
**252-633-5308**

Driver: **STYRON TERRY** Customer: **23834181**  
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Ticket#: **8690713**

Sold To: **25042B Job# 888802 012**  
**SUNLAND DEVELOPMENT & CONSTRUCTION INC**  
**SWANSBORO NC 28584**

Sold From: **44208 Clarks**

Date: **07/14/08** Time: **08:13** PO No:  
Hauler: **S17 STYRON CONST TRU**

Job/Dest: Information  
**MISC JOB TAX EXEMPT TRK**  
**MISCELLANEOUS JOB EXEMPT TRUCK**  
**RHEA JOB CHERRY POINT**

Lot#

Job:	Lds	Today Quantity	To Date Quantity	Gross: Lbs	Tons	Cash Sale
1		15.13	29,979.36	53,120	27.56	Matl \$
Dest: 1		15.13	34.31	Tare: 24,860	12.43	Tax \$
Product Number: 0500				Net: (1)		Haul \$
Description: 5				30,260	15.13	Totals
Sec. Prod		0.00	QTY: 15.13	Ton		Payment Recvd By:
						Max GVW: 57,000.00

Additional Information: Weighperson: **LYNDON HUMPHREY**  
**NC DOT CA189 & FA214**  
**252-633-5308**

STYRON TERRY

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Ticket#: **8690854**

Sold To: **250428** Job# **888802** **012**  
**SUNLAND DEVELOPMENT &**  
**CONSTRUCTION INC**  
**SWANSBORO NC 28584**

Sold From: **44208** **Clarks**

Date: **07/14/08** Time: **15:37** PO No:  
Truck: **S17** Hauler: **STYRON CONST TRU**

Job / Dest Information  
**MISC JOB TAX EXEMPT TRK**  
**MISCELLANEOUS JOB EXEMPT TRUCK**  
**RHEA JOB CHERRY POINT**

		Today		To Date		Lbs		Tons		Cash Sale	
Job:	Lds	Quantity	Quantity	Gross:						Matl \$	
6		88.31	30,052.54	52,640	(1)	26.32					
Dest:	6	88.31	107.49	Tare:	24,860	12.43				Tax \$	
Product Number:		0500		Net:	(1)					Haul \$	
Description:	5				27,780	13.89				Total \$	
Sec. Prod		0.00		QTY:	13.89	Ton				Payment Recvd By:	
										Max GVW: 57,000.00	

Additional Information:

Weighperson: **LYNDON HUMPHREY**  
**NC DOT CA189 & FA214**  
**252-633-5308**

Driver: **STYRON TERRY**

Customer:

**23834251**

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Ticket#: **8690852**

Sold To: **250428** Job# **888802** **012**  
**SUNLAND DEVELOPMENT &**  
**CONSTRUCTION INC**  
**SWANSBORO NC 28584**

Sold From: **44208** **Clarks**

Date: **07/14/08** Time: **15:26** PO No:  
Truck: **S14** Hauler: **STYRON CONSTRUCT**

Job / Dest Information  
**MISC JOB TAX EXEMPT TRK**  
**MISCELLANEOUS JOB EXEMPT TRUCK**  
**RHEA JOB CHERRY POINT**

		Today		To Date		Lbs		Tons		Cash Sale	
Job:	Lds	Quantity	Quantity	Gross:						Matl \$	
5		74.42	30,038.65	53,080	(1)	26.54					
Dest:	5	74.42	93.60	Tare:	23,920	11.96				Tax \$	
Product Number:		0500		Net:	(1)					Haul \$	
Description:	5				29,160	14.58				Total \$	
Sec. Prod		0.00		QTY:	14.58	Ton				Payment Recvd By:	
										Max GVW: 69,000.00	

Additional Information:

Weighperson: **LYNDON HUMPHREY**  
**NC DOT CA189 & FA214**  
**252-633-5308**

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Ticket#: 8687746

Sold To: 250428 Job# 888802 009  
SUNLAND DEVELOPMENT &  
CONSTRUCTION INC  
SWANSBORO NC 28584

Sold From: 44208 Clarks

Date: 06/25/08 Time: 08:12 PO No:  
Hauler: 9-15 STYRON CONST

Job / Dest. Information

MISC JOB TAX EXEMPT TRK  
MISCELLANEOUS JOB EXEMPT TRUCK  
FRED JOB  
CHERRY POINT

Lot#

Job:	Lds	Today Quantity	To Date Quantity	Gross:	Lbs	Tons	Cash Sale
Dest: 1		14.33	29,828.94		52,660	26.33	Matl \$
Product Number: 0500		14.33	83.43	Tare:	(1)		Tax \$
Description: 5				Net:	24,000	12.00	Haul \$
Sec. Prod					(1)		Total \$
			0.00	QTY:	28,660	14.33	Max GVW: 62,000.00
					14.33	Ton	

Additional Information:

Weighperson: ROSSIE JONES  
NC DOT CA189 & FA214  
252-633-5308

Driver: STYRON CONST

Customer: 23832943

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Ticket#: 8687748

Sold To: 250428 Job# 888802 006  
SUNLAND DEVELOPMENT &  
CONSTRUCTION INC  
SWANSBORO NC 28584

Sold From: 44208 Clarks

Date: 06/25/08 Time: 08:14 PO No:  
Hauler: 824 STYRON TRUCKING

Job / Dest. Information

MISC JOB TAX EXEMPT TRK  
MISCELLANEOUS JOB EXEMPT TRUCK  
CHERRY POINT RHEA

Lot#

Job:	Lds	Today Quantity	To Date Quantity	Gross:	Lbs	Tons	Cash Sale
Dest: 2		29.86	29,844.47		55,880	27.94	Matl \$
Product Number: 0500		15.53	159.89	Tare:	(1)		Tax \$
Description: 5				Net:	24,820	12.41	Haul \$
Sec. Prod					(1)		Total \$
			0.00	QTY:	31,060	15.53	Max GVW: 71,000.00
					15.53	Ton	

Additional Information:

Weighperson: ROSSIE JONES  
NC DOT CA189 & FA214  
252-633-5308

Driver: STYRON\BUCK

Customer:

23832945

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Sold To: 250428 Job# 888802 006  
 SUNLAND DEVELOPMENT &  
 CONSTRUCTION INC  
 SWANSBORO NC 28584

Date: 06/19/08 Time: 09:47 PO No:  
 Hauler: 524 STYRON TRUCKING

COPY



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Ticket#: 8686707

Sold From: 44208 Clarks

Job / Dest. Information

MISC JOB TAX EXEMPT TRK  
 MISCELLANEOUS JOB EXEMPT TRUCK  
 CHERRY POINT RHEA

Lot#

Job:	Lds	Today Quantity	To Date Quantity	Gross:	Lbs	Tons	Cash Sale
Dest: 3		45.67	29,709.59		54,880	27.44	Matl \$
Dest: 3		45.67	144.36	Tare:	(1)		Tax \$
Product Number:		0500		Net:	(1)		Haul \$
Description: 5					30,060	15.03	Total \$
Sec. Prod			0.00	QTY:	15.03	Ton	Payment Recvd By
							Max GVW: 71,000.00

Additional Information:

Weighperson: LYNDON HUMPHREY  
 NC DOT CA189 & FA214  
 252-633-5308

Driver: STYRON\BUCK

Customer: 23831904  
 CONTROL NUMBER

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Sold To: 250428 Job# 888802 006  
 SUNLAND DEVELOPMENT &  
 CONSTRUCTION INC  
 SWANSBORO NC 28584

Date: 06/19/08 Time: 08:04 PO No:  
 Hauler: 3025 STYRON CONST TRU

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Ticket#: 8686643

Sold From: 44208 Clarks

Job / Dest. Information

MISC JOB TAX EXEMPT TRK  
 MISCELLANEOUS JOB EXEMPT TRUCK  
 CHERRY POINT RHEA

Lot#

Job:	Lds	Today Quantity	To Date Quantity	Gross:	Lbs	Tons	Cash Sale
Dest: 2		30.64	29,694.56		55,080	27.54	Matl \$
Dest: 2		30.64	129.33	Tare:	(1)		Tax \$
Product Number:		0500		Net:	(1)		Haul \$
Description: 5					30,200	15.10	Total \$
Sec. Prod			0.00	QTY:	15.10	Ton	Payment Recvd By
							Max GVW: 56,000.00

Additional Information:

Weighperson: LYNDON HUMPHREY  
 NC DOT CA189 & FA214  
 252-633-5308

Driver: STYRON

Customer: 23840840

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 SWANSBORO NC 28584

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Ticket#: 888642

Sold From: 44208 Clarks

Date: 06/19/08 Time: 08:03 PO No:  
 Truck: 524  
 Hauler: 524 STYRON TRUCKING

Job / Dest. Information

MISC JOB TAX EXEMPT TRK  
 MISCELLANEOUS JOB EXEMPT TRUCK  
 CHERRY POINT RHEA

Lot#

Job:	Lds	Today Quantity	To Date Quantity	Gross:	Lbs	Tons	Cash Sale
1	1	15.54	29,679.46	55,900	55,900	27.95	Mail \$
Dest: 1	1	15.54	114.23	Tare:	24,820	12.41	Tax \$
Product Number: 0500				Net:	(1)		Haul \$
Description: 5					31,080	15.54	Total \$
Sec. Prod		0.00	QTY:	15.54	Ton		Max GVW: 71,000.00

Additional Information:

Weighperson: LYNDON HUMPHREY  
 NC DOT CA189 & FA214  
 252-633-5308

Driver: STYRON\BUCK

Customer:

23840839

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 CONSTRUCTION INC  
 SWANSBORO NC 28584

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Ticket#: 8685231

Sold From: 44208 Clarks

Date: 06/11/08 Time: 07:56 PO No:  
 Truck: 524  
 Hauler: 524 STYRON TRUCKING

Job / Dest. Information

MISC JOB TAX EXEMPT TRK  
 MISCELLANEOUS JOB EXEMPT TRUCK  
 CHERRY POINT

Lot#

Job:	Lds	Today Quantity	To Date Quantity	Gross:	Lbs	Tons	Cash Sale
1	1	15.34	29,663.92	55,500	55,500	27.75	Mail \$
Dest: 1	1	15.34	98.69	Tare:	24,820	12.41	Tax \$
Product Number: 0500				Net:	(1)		Haul \$
Description: 5					30,680	15.34	Total \$
Sec. Prod		0.00	QTY:	15.34	Ton		Max GVW: 71,000.00

Additional Information:

Weighperson: ROSSIE JONES  
 NC DOT CA189 & FA214  
 252-633-5308

Driver: STYRON\BUCK

Customer:

23839428

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Ticket#: 8485290

Sold To: 250428 Job# B88802 006  
SUNLAND DEVELOPMENT &  
CONSTRUCTION INC  
SWANSBORO NC 28584

Sold From: 44208 Clarks

Date: 06/11/08 Time: 10:20 PO No:  
Hauler: 524 STYRON TRUCKING

Job / Dest. Information  
MISC JOB TAX EXEMPT TRK  
MISCELLANEOUS JOB EXEMPT TRUCK  
CHERRY POINT

Lot#

Job:	Lds	Today Quantity	To Date Quantity	Gross:	Lbs	Tons	Cash Sale
1		16.12	39.77		57,060	28.53	Matl \$
Dest: 1		16.12	16.12	Tare:	(1)		Tax \$
Product Number: 0955				Net:	24,820	12.41	Haul \$
Description: CONC SAND					32,240	16.12	Total \$
Sec. Prod			0.00	QTY:	16.12	Ton	Max GVW: 71,000.00

Additional Information:

Weighperson: ROSSIE JONES  
NC DOT CA189 & FA214  
252-633-5308

Driver: STYRON BUCK

Customer: *PHEA*

23839487

Martin Marietta Materials Standard Terms and Conditions apply (copy available at Site Office).

CONTROL NUMBER

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Visit eRocks™ at www.martinmarietta.com

Ticket#: 8165927

Sold To: 250428 Job# 888802 005  
SUNLAND DEVELOPMENT &  
CONSTRUCTION INC  
SWANSBORO NC 28584

Sold From: 44204 Belgrade  
2978 BELGRADE SWANSBORO RD  
910-743-6471  
NCCDT #CA038 / FA104

Date: 08/06/08 Time: 07:41 PO No:  
Hauler: 55 SUNLAND

Job / Dest. Information  
MISC JOB TAX EXEMPT TRK  
MISCELLANEOUS JOB EXEMPT TRUCK  
REHA CHERRY POINT

Lot#

Job:	Lds	Today Quantity	To Date Quantity	Gross:	Lbs	Tons	Cash Sale
1		18.61	473.89	63,020	31.51		Matl \$
Dest: 1		18.61	37.17	Tare:	25,800	12.90	Tax \$
Product Number:		0955		Net:	(1)		Haul \$
Description: CONC SAND					37,220	18.61	Total \$
Sec. Prod		0.00		QTY:	18.61	Ton	Max GVW: 70,000.00

Additional Information:

Weighperson: LYNDON HUMPHREY

Driver: SUNLAND

Customer: 22000723

Martin Marietta Materials Standard Terms and Conditions apply (copy available at Site Office) CONTROL NUMBER

### Martin Marietta Materials

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Ticket#: 8145584

Sold To: 250428 Job# 888802 005  
SUNLAND DEVELOPMENT &  
CONSTRUCTION INC  
SWANSBORO NC 28584

Sold From: 44204 Belgrade  
2978 BELGRADE SWANSBORO RD  
910-743-6471  
NCCDT #CA038 / FA104

Date: 08/01/08 Time: 07:10 PO No:  
Hauler: 55 SUNLAND

Job / Dest. Information  
MISC JOB TAX EXEMPT TRK  
MISCELLANEOUS JOB EXEMPT TRUCK  
REHA CHERRY POINT

Lot#

Job:	Lds	Today Quantity	To Date Quantity	Gross:	Lbs	Tons	Cash Sale
1		18.56	455.28	62,920	31.46		Matl \$
Dest: 1		18.56	18.56	Tare:	25,800	12.90	Tax \$
Product Number:		0955		Net:	(1)		Haul \$
Description: CONC SAND					37,120	18.56	Total \$
Sec. Prod		0.00		QTY:	18.56	Ton	Max GVW: 70,000.00

Additional Information:

Weighperson: LYNDON HUMPHREY

Driver: SUNLAND

Customer: 22000380

# Martin Marietta Materials



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Ticket#: 8495590

Sold To: 250428 Job# 888802 012  
SUNLAND DEVELOPMENT &  
CONSTRUCTION INC  
SWANSBORO NC 28584

Sold From: 44208 Clarks

Date: 07/31/08 Time: 15:43 PO No:  
Truck: 85  
Hauler: SUNLAND

**Job / Dest. Information**

MISC JOB TAX EXEMPT TRK  
MISCELLANEOUS JOB EXEMPT TRUCK  
REHA JOB CHERRY POINT

Lot#

			Lbs		Tons	Cash Sale	
Job:	Today Lds	Quantity	To Date Quantity	Gross:	61,160	30.58	Matl \$
Dest:	2	35.55	230.50	Tare:	(1)		Tax \$
Product Number:	2	35.55	143.32	Net:	25,760	12.88	Haul \$
Description:	0955				(1)		Total \$
	CONC SAND				35,400	17.70	Payment Recvd By:
	Sec. Prod		0.00	QTY:	17.70	Ton	Max GVW: 70,000.00

**Additional Information:**

Weighperson: LYNDON HUMPHREY  
NC DOT CA189 & FA214  
252-633-5308

Driver: SUNLAND

Customer:

23838987

Martin Marietta Materials Standard Terms and Conditions apply (copy available at Site Office).

CONTROL NUMBER

# Martin Marietta Materials



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Ticket#: 8495520

Sold To: 250428 Job# 888802 012  
SUNLAND DEVELOPMENT &  
CONSTRUCTION INC  
SWANSBORO NC 28584

Sold From: 44208 Clarks

Date: 07/31/08 Time: 14:18 PO No:  
Truck: 85  
Hauler: SUNLAND

**Job / Dest. Information**

MISC JOB TAX EXEMPT TRK  
MISCELLANEOUS JOB EXEMPT TRUCK  
REHA JOB CHERRY POINT

Lot#

			Lbs		Tons	Cash Sale	
Job:	Today Lds	Quantity	To Date Quantity	Gross:	61,460	30.73	Matl \$
Dest:	1	17.85	212.80	Tare:	(1)		Tax \$
Product Number:	1	17.85	125.62	Net:	25,760	12.88	Haul \$
Description:	0955				(1)		Total \$
	CONC SAND				35,700	17.85	Payment Recvd By:
	Sec. Prod		0.00	QTY:	17.85	Ton	Max GVW: 70,000.00

**Additional Information:**

Weighperson: LYNDON HUMPHREY  
NC DOT CA189 & FA214  
252-633-5308

Driver: SUNLAND

Customer:

23838917

COPY



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Visit eRocks™ at www.martinmarietta.com

Ticket#: 8690712

Sold To: 250428 Job# 888802 012  
SUNLAND DEVELOPMENT &  
CONSTRUCTION INC  
SWANSBORO NC 28584

Sold From: 4420E Clarks

Date: 07/14/08 Time: 08:12 PO No:  
Truck: 514  
Hauler: STYRON CONSTRUCT

Job / Dest. Information  
MISC JOB TAX EXEMPT TRK  
MISCELLANEOUS JOB EXEMPT TRUCK  
RHEA JOB CHERRY POINT

Lot#

Job:	Lds	Today Quantity	To Date Quantity	Gross:	Lbs	Tons	Cash Sale
1		14.76	149.02		53,440	26.72	Matl \$
Dest: 1		14.76	61.84	Tare:	(1)		Tax \$
Product Number:		0955		Net:	23,920	11.96	Haul \$
Description: CONC SAND					(1)		Total \$
Sec. Prod			0.00	QTY:	29,520	14.76	Payment Recvd By:
					14.76	Ton	Max GVW: 69,000.00

Additional Information:

Weighperson: LYNDON HUMPHREY  
NC DOT CA189 & FA214  
252-633-5308

Driver: STYRON \DAVID

Customer: 23834109

Martin Marietta Materials Standard Terms and Conditions apply (copy available at Site Office).

CONTROL NUMBER

### Martin Marietta Materials

COPY



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Visit eRocks™ at www.martinmarietta.com

Ticket#: 8690782

Sold To: 250428 Job# 888802 012  
SUNLAND DEVELOPMENT &  
CONSTRUCTION INC  
SWANSBORO NC 28584

Sold From: 4420E Clarks

Date: 07/14/08 Time: 12:06 PO No:  
Truck: 514  
Hauler: STYRON CONSTRUCT

Job / Dest. Information  
MISC JOB TAX EXEMPT TRK  
MISCELLANEOUS JOB EXEMPT TRUCK  
RHEA JOB CHERRY POINT

Lot#

Job:	Lds	Today Quantity	To Date Quantity	Gross:	Lbs	Tons	Cash Sale
3		44.81	179.07		53,400	26.70	Matl \$
Dest: 3		44.81	91.69	Tare:	(1)		Tax \$
Product Number:		0955		Net:	23,920	11.96	Haul \$
Description: CONC SAND					(1)		Total \$
Sec. Prod			0.00	QTY:	29,480	14.74	Payment Recvd By:
					14.74	Ton	Max GVW: 69,000.00

Additional Information:

Weighperson: LYNDON HUMPHREY  
NC DOT CA189 & FA214  
252-633-5308

Driver: STYRON \DAVID

Customer: 23834179

# Martin Marietta Materials



Visit eRocks™ at [www.martinmarietta.com](http://www.martinmarietta.com)

Sold To: 250428 Job# 888802 012  
 SUNLAND DEVELOPMENT &  
 CONSTRUCTION INC  
 SWANSBORO NC 28584

Date: 07/14/08 Time: 10:28 PO No:  
 Truck: S14  
 Hauler: STYRON CONSTRUCT

COPY



WARNING  
 See important health information on reverse.  
 PRECAUCIÓN  
 Ver información importante para la salud en el reverso.

Ticket#: 8690756

Sold From: 44208 Clarke

Job / Dest. Information

MISC JOB TAX EXEMPT TRK  
 MISCELLANEOUS JOB EXEMPT TRUCK  
 RHEA JOB CHERRY POINT

Lot#

			Lot#				Cash Sale	
Job:	Lds	Today Quantity	To Date Quantity	Gross:	Lbs	Tons	Matl \$	
2		30.07	164.33		54,540	27.27		
Dest:	2	30.07	77.18	Tare:	(1)		Tax \$	
Product Number:		0955		Net:	23,920	11.96	Haul \$	
Description:		CONC SAND			(1)		Total \$	Payment Recvd By:
Sec. Prod			0.00	QTY:	30,620	15.31	Max GVW: 69,000.00	
					15.31	Ton		

Additional Information:

Weighperson: LYNDON HUMPHREY  
 NC DOT CA189 & FA214  
 252-633-5308

Driver: STYRON DAVID

Customer: 23834153

Martin Marietta Materials Standard Terms and Conditions apply (copy available at Site Office).

CONTROL NUMBER

# Martin Marietta Materials



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Sold To: 250428 Job# 888802 012  
 SUNLAND DEVELOPMENT &  
 CONSTRUCTION INC  
 SWANSBORO NC 28584

Date: 07/14/08 Time: 13:44 PO No:  
 Truck: S14  
 Hauler: STYRON CONSTRUCT

COPY



WARNING  
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Ticket#: 8690808

Sold From: 44208 Clarke

Job / Dest. Information

MISC JOB TAX EXEMPT TRK  
 MISCELLANEOUS JOB EXEMPT TRUCK  
 RHEA JOB CHERRY POINT

Lot#

			Lot#				Cash Sale	
Job:	Lds	Today Quantity	To Date Quantity	Gross:	Lbs	Tons	Matl \$	
4		60.69	194.95		55,680	27.84		
Dest:	4	60.69	107.77	Tare:	(1)		Tax \$	
Product Number:		0955		Net:	23,920	11.96	Haul \$	
Description:		CONC SAND			(1)		Total \$	Payment Recvd By:
Sec. Prod			0.00	QTY:	31,760	15.88	Max GVW: 69,000.00	
					15.88	Ton		

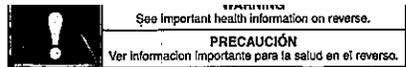
Additional Information:

Weighperson: LYNDON HUMPHREY  
 NC DOT CA189 & FA214  
 252-633-5308

Driver: STYRON DAVID

Customer: 23834205

COPY



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Ticket#: 8690527

Sold To: 250428 Job# 888802 012  
SUNLAND DEVELOPMENT &  
CONSTRUCTION INC  
SWANSBORO NC 28584

Sold From: 44208 Clarks

Date: 07/10/08 Time: 13:50 PO No:  
Hauler: 924 STYRON TRUCKING

Job / Dest. Information  
MISC JOB TAX EXEMPT TRK  
MISCELLANEDUS JOB EXEMPT TRUCK  
RHEA JOB CHERRY POINT

Lot#

Today			To Date		Lbs		Tons		Cash Sale	
Job:	Lds	Quantity	Quantity	Gross:	Net:					
1	1	15.63	134.26	56,120	(1)	28.06				
Dest:	1	15.63	47.08	Tare:	24,860	12.43				
Product Number:	0955			Net:	(1)					
Description:	CONC SAND				31,260	15.63				
Sec. Prod			0.00	QTY:	15.63	Ton				
									Matl \$	
									Tax \$	
									Haul \$	
									Total \$	
									Max GVW: 71,000.00	

Additional Information:

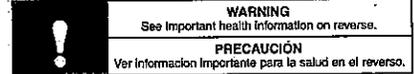
Weighperson: LYNDON HUMPHREY  
NC DOT CA189 & FA214  
252-633-5308

STYRON\BUCK

Driver: \_\_\_\_\_ Customer: 23833924  
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### Martin Marietta Materials

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Ticket#: 8690918

Sold To: 250428 Job# 888802 012  
SUNLAND DEVELOPMENT &  
CONSTRUCTION INC  
SWANSBORO NC 28584

Sold From: 44208 Clarks

Date: 07/08/08 Time: 07:39 PO No:  
Hauler: 5-15 STYRON CONST

Job / Dest. Information  
MISC JOB TAX EXEMPT TRK  
MISCELLANEDUS JOB EXEMPT TRUCK  
RHEA JOB CHERRY POINT

Lot#

Today			To Date		Lbs		Tons		Cash Sale	
Job:	Lds	Quantity	Quantity	Gross:	Net:					
1	1	15.66	102.84	55,320	(1)	27.66				
Dest:	1	15.66	15.66	Tare:	24,000	12.00				
Product Number:	0955			Net:	(1)					
Description:	CONC SAND				31,320	15.66				
Sec. Prod			0.00	QTY:	15.66	Ton				
									Matl \$	
									Tax \$	
									Haul \$	
									Total \$	
									Max GVW: 62,000.00	

Additional Information:

Weighperson: LYNDON HUMPHREY  
NC DOT CA189 & FA214  
252-633-5308

Driver: STYRON CONST

Customer: 23179915

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Ticket#: 8489255

Sold To: 250428 Job# 888802 012  
SUNLAND DEVELOPMENT &  
CONSTRUCTION INC  
SWANSBORO NC 28584

Sold From: 44208 Clarks

Date: 07/08/08 Time: 09:15 PO No:  
Truck: 9-15 STYRON CONST  
Hauler:

Job / Dest. Information  
MISC JOB TAX EXEMPT TRK  
MISCELLANEOUS JOB EXEMPT TRUCK  
RHEA JOB CHERRY POINT

Lot#

Job:	Lds	Today Quantity	To Date Quantity	Gross:	Lbs	Tons	Cash Sale	
							Matl \$	Tax \$
2	31.45	118.63		Tare:	55,580	27.79		
2	31.45	31.45		Net:	(1)			
Product Number: 0955					24,000	12.00		
Description: CONC SAND					(1)			
Sec. Prod					31,580	15.79		
0.00				QTY:	15.79	Ton		
							Total\$	Payment Recvd By:
							Max GVW: 62,000.00	

Additional Information:

Weighperson: LYNDON HUMPHREY  
NC DOT CA189 & FA214  
252-633-5308

Driver: STYRON CONST

Customer: 23179952

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### Martin Marietta Materials

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Ticket#: 8160849

Sold To: 250428 Job# 888802 011  
SUNLAND DEVELOPMENT &  
CONSTRUCTION INC  
SWANSBORO NC 28584

Sold From: 44204 Belgrade  
2998 BELGRADE SWANSBORO RD  
910-743-6471  
NCDOT #CA038 / FA104

Date: 06/25/08 Time: 07:17 PO No: ROY  
Truck: C30 COASTAL CONTRACT  
Hauler:

Job / Dest. Information  
MISC JOB TAX EXEMPT TRK  
MISCELLANEOUS JOB EXEMPT TRUCK  
CHERRY POINT PER ROY

Lot#

Job:	Lds	Today Quantity	To Date Quantity	Gross:	Lbs	Tons	Cash Sale	
							Matl \$	Tax \$
2	36.53	406.38		Tare:	59,060	29.53		
2	36.53	36.53		Net:	(1)			
Product Number: 0955					22,740	11.37		
Description: CONC SAND					(1)			
Sec. Prod					36,320	18.16		
0.00				QTY:	18.16	Ton		
							Total\$	Payment Recvd By:
							Max GVW: 70,000.00	

Additional Information:

Weighperson: LYNDON HUMPHREY

Driver: CCI / RICKY

Customer: 21995645

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CONTROL NUMBER

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Ticket#: 8160847

Sold To: 250428 Job# 888802 011  
SUNLAND DEVELOPMENT &  
CONSTRUCTION INC  
SWANSBORO NC 28584

Sold From: 44204 Belgrade  
2998 BELGRADE SWANSBORO RD  
910-743-8471  
NCDOT #CA038 / FA104

Date: 06/25/08 Time: 07:15 PO No: ROY  
Hauler: C32 COASTAL CONTRACT

Job / Dest. Information  
MISC JOB TAX EXEMPT TRK  
MISCELLANEOUS JOB EXEMPT TRUCK  
CHERRY POINT PER ROY

Lot#

Job:	Today Lds	Quantity	To Date Quantity	Gross: Lbs	Tons	Cash Sale
1	18.37		388.22	59,680	29.84	Matl \$
Dest: 1	18.37		18.37	(1)		Tax \$
Product Number: 0955				Tare: 22,940	11.47	Haul \$
Description: CONC SAND				Net: (1)		Total \$
Sec. Prod			0.00	36,740	18.37	Max GVW: 70,000.00
				BTY: 18.37	Ton	Payment Recvd By:

Additional Information:

Weighperson: LYNDON HUMPHREY

Driver: COASTAL CONST/ESTHER

Customer:

21995643

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### Martin Marietta Materials

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Ticket#: 8684212

Sold To: 250428 Job# 888802 006  
SUNLAND DEVELOPMENT &  
CONSTRUCTION INC  
SWANSBORO NC 28584

Sold From: 44205 Clarks

Date: 06/17/08 Time: 09:34 PO No:  
Hauler: 624 STYRON TRUCKING

Job / Dest. Information  
MISC JOB TAX EXEMPT TRK  
MISCELLANEOUS JOB EXEMPT TRUCK  
CHERRY POINT RHEA

Lot#

Job:	Today Lds	Quantity	To Date Quantity	Gross: Lbs	Tons	Cash Sale
1	15.72		71.70	56,260	25.10	Matl \$
Dest: 1	15.72		15.72	(1)		Tax \$
Product Number: 0955				Tare: 24,820	12.41	Haul \$
Description: CONC SAND				Net: (1)		Total \$
Sec. Prod			0.00	31,440	15.72	Max GVW: 71,000.00
				BTY: 15.72	Ton	Payment Recvd By:

Additional Information:

Weighperson: LYNDON HUMPHREY  
NC DOT CA189 & FA214  
252-533-5308

Driver: STYRON/BUCK

Customer:

23840409

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Sold To: 250428 Job# 888802 005  
SUNLAND DEVELOPMENT &  
CONSTRUCTION INC  
SWANSBORO NC 28584

Date: 06/17/08 Time: 09:48 PO No:  
Hauler: 8025 STYRON CONST TRK

COPY



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Ticket#: 2384018

Sold From: 44205 Clarks

Job / Dest. Information

MISC JOB TAX EXEMPT TRK  
MISCELLANEOUS JOB EXEMPT TRUCK  
CHERRY POINT RHEA

Lot#

Job:	Lds	Today Quantity	To Date Quantity	Gross:	Lbs	Tons	Cash Sale
Dest: 2		31.20	87.18		55,840	27.92	Matl \$
Dest: 2		31.20	83.33	Tare:	(1)		Tax \$
Product Number:		0955		Net:	24,880	12.44	Haul \$
Description:		COND SAND			(1)		Total \$
Sec. Prod			0.00	QTY:	50,960	15.48	Payment Recvd By:
					15.48	Ton	Max GVW: 58,000.00

Additional Information:

Weighperson: LYNDON HUMPHREY  
NC DOT CA189 & FA214  
252-633-5308

Driver: STYRON

Customer: 23840412

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CONTROL NUMBER

Martin Marietta Materials

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Sold To: 250428 Job# 888802 006  
SUNLAND DEVELOPMENT &  
CONSTRUCTION INC  
SWANSBORO NC 28584

Date: 06/16/08 Time: 10:12 PO No:  
Hauler: 524 STYRON TRUCKING

COPY



WARNING  
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Ticket#: 8685987

Sold From: 44205 Clarks

Job / Dest. Information

MISC JOB TAX EXEMPT TRK  
MISCELLANEOUS JOB EXEMPT TRUCK  
CHERRY POINT

Lot#

Job:	Lds	Today Quantity	To Date Quantity	Gross:	Lbs	Tons	Cash Sale
Dest: 1		16.21	55.98		37,240	28.62	Matl \$
Dest: 1		16.21	32.33	Tare:	(1)		Tax \$
Product Number:		0955		Net:	24,820	12.41	Haul \$
Description:		COND SAND			(1)		Total \$
Sec. Prod			0.00	QTY:	32,820	16.21	Payment Recvd By:
					16.21	Ton	Max GVW: 71,000.00

Additional Information:

Weighperson: LYNDON HUMPHREY  
NC DOT CA189 & FA214  
252-633-5308

Driver: STYRON/BUCI

Customer: 23840184

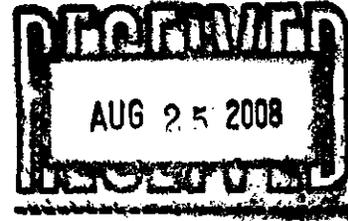
Martin Marietta Materials Standard Terms and Conditions apply (copy available at Site Office).

CONTROL NUMBER



**CIESZKO CONSTRUCTION COMPANY, INC.**  
 P.O. Box 690 – (252) 447-2096 – Fax (252) 447-0687  
 HAVELOCK, NORTH CAROLINA 28532-0690

August 20, 2008



Rhea Engineers & Consultants, Inc  
 4951 William Flynn Hwy, Suite 12  
 Gibsonia, PA 15044

**I N V O I C E #9008-38-2-Revised**

Contract No. N40085-07-D-1905  
 Subcontractor Agreement D-1905-S-09

Topsoil

17 June, Aug 6-8 2008	
36 loads topsoil X 12cy @ \$10/cy .....	\$4,320.00
13 Aug 08-(lowboy) move concrete barriers	
7.5 hours @\$80/hr.....	\$ 600.00
14 Aug 08- (lowboy) move timber mats	
3.0 hours @\$80/hr.....	\$ 240.00
	<u>\$5,160.00</u>

PP

~~PAID~~ 8/3/08

**Total Amount Due This Invoice.....\$5,160.00**

CR  
2684

*PAYMENT DUE UPON RECEIPT !*

BAM ok

NC License No. 2775      Unlimited – Unclassified  
 Member Carolinas Branch AGC

367.061 Backfill  
 for Topsoil  
 327 11<sup>2</sup> moving



# CIESZKO CONSTRUCTION COMPANY, INC.

P.O. Box 690 - (252) 447-2096 - Fax (252) 447-0687  
HAVELOCK, NORTH CAROLINA 28532-0690

June 30, 2008

Rhea Engineers & Consultants, Inc  
4951 William Flynn Hwy, Suite 12  
Gibsonia, PA 15044

POSTED

## I N V O I C E #9008-38-1

Contract No. N40085-07-D-1905  
Subcontractor Agreement D-1905-S-09

*pay when we  
get paid for June*

### Topsoil Mixing

11 June 2008		
4 hours F E L @ \$75/hr.....	\$300.00	}
4 hours Fxcavator @\$100/hr.....	\$400.00	
12 June 2008		
14.5 hours F E L @\$75/hr.....	\$1,087.50	}
8.0 Excavator @\$100/hr.....	\$800.00	

### Sale

25 pulpwood truck mats @ \$250.00/mat.....	\$6,250.00
6 truck loads topsoil @ 17.5 cy/truckload x \$10/cy.....	<u>\$1,050.00</u>
	\$9,887.50

**Total Amount Due This Invoice.....\$9,887.50**

**PAID**

PAYMENT DUE UPON RECEIPT !

*Topsoil = \$3,637.50 - 367.05  
mats = \$6,250.00 - 367.01  
Gsub  
CK 2577*

NC License No. 2775      Unlimited - Unclassified  
Member Carolinas Branch AGC

**PAID**  
*8/11/08*

**APPENDIX G**

**SEED MIXTURE TICKETS**

## Wetland Seed Mix 11# PLS

Item	Botanical Name	Purity	Germ	Hard	Dorm	Production Origin	Genetic Origin
Fox Sedge	<i>Carex vulpinoidea</i>	21.90%	70.5%		20.5%	PA	
Lurid (Shallow) Sedge	<i>Carex lurida</i>	16.94%	80.0%			PA	
Virginia Wild Rye	<i>Elymus virginicus</i>	14.57%	90.5%		2.5%	PA	
Soft Rush	<i>Juncus effusus</i>	6.89%	81.0%			PA	
Eastern Bur Reed	<i>Sparganium americanum</i>	6.29%	1.0%		75.0%	PA	
Cosmos (Bristly) Sedge	<i>Carex comosa</i>	3.99%	1.0%		79.0%	PA	
Square Stemmed Monkey Flower	<i>Mimulus ringens</i>	3.89%	4.0%		78.0%	PA	
Joe Pye Weed	<i>Eupatorium fistulosum</i>	3.74%	46.0%		18.0%	PA	
Fringed (Nodding) Sedge	<i>Carex crinita</i>	3.39%	6.0%		88.0%	PA	
Awl Sedge	<i>Carex stipata</i>	3.28%	4.0%		69.0%	PA	
Hop Sedge	<i>Carex lupulina</i>	2.81%	85.0%			PA	
Woolgrass, NC Ecotype	<i>Scirpus cyperinus, NC ecotype</i>	2.60%	92.0%			NC	
Sensitive Fern	<i>Onoclea sensibilis</i>	1.00%	80.0%			PA	
Ditch Stonecrop	<i>Penthorum sedoides</i>	0.91%	88.0%			PA	
Soft Stem Bulrush, WI Ecotype	<i>Scirpus validus, WI Ecotype</i>	0.91%	88.0%			WI	
Seedbox	<i>Ludwigia alternifolia</i>	0.89%	90.0%			PA	

Other Crop: 0.04%  
 Inert Matter: 5.94%  
 Weed Seed: 0.02%

Net Weight: 13.8 LB  
 Lot Number: RHEA00101  
 Date Tested: February 2008

AMS 1039

## Upland Seed Mix 9# PLS

Item	Botanical Name	Purity	Germ	Hard	Dorm	Production Origin	Genetic Origin
Switchgrass, 'Carthage', NC Ecotype	<i>Panicum virgatum, 'Carthage'</i>	26.23%	18.0%		53.0%	PA	
Purple Top	<i>Tridens flavus</i>	19.40%	2.0%		94.0%	MO	
Little Bluestem, Fort Indiantown Gap, PA Ecotype	<i>Schizachyrium scoparium (Andro)</i>	19.20%	97.0%			PA	
Indiangrass, PA Ecotype	<i>Sorghastrum nutans, PA Ecotype</i>	12.02%	93.0%			PA	
Black Eyed Susan, NC Ecotype	<i>Rudbeckia hirta, NC Ecotype</i>	4.23%	88.0%			NC	
Broom Sedge	<i>Andropogon virginicus</i>	3.88%	71.0%		25.0%	MO	

Other Crop: 0.03%  
 Inert Matter: 14.99%  
 Weed Seed: 0.02%

Net Weight: 12.08 LB  
 Lot Number: RHEA00102  
 Date Tested: March 2008

AMS 1039