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FINAL

UXO REMEDIATION AFTER ACTION REPORT

SHORELINE STABILIZATION/GEOTEXTILE TUBE INSTALLATION AT IR SITE 7 - OLD DUPONT DISPOSAL AREA
NAVAL WEAPONS STATION YORKTOWN
CHEATHAM ANNEX
YORKTOWN, VIRGINIA

Prepared For:

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RESPONSIVENESS · INTEGRITY · TEAMWORK

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ACRONYMS AND ABBREVIATIONS

Bhate	Bhate Environmental Associates, Inc.
CAX	Cheatham Annex
CFR	Code of Federal Regulations
DDESB	Department of Defense Explosive Safety Board
DHHS	Department of Human Health and Services
DMM	Demilitarized Military Munitions
DOD	Department of Defense
EOD	Explosives Ordnance Disposal
EODMUTWO	Explosive Ordnance Disposal Mobile Unit Two
EP	Engineering Pamphlet
EPA	Environmental Protection Agency
ER	Engineer Regulations
ESS	Explosives Safety Submission
FAR	Federal Acquisition Regulation
GECA	Geophysical Equipment Check Area
GPS	Global Positioning System
HERO	Hazards of Electromagnetic Radiation to Ordnance
IAS	Initial Assessment Study
IAW	In accordance with
Lbs	Pounds
MEC	Munitions and Explosives of Concern
MGFD	Munitions with the Greatest Fragmentation Distance
MPPEH	Material Potentially Presenting an Explosive Hazard
MS	Munitions Scrap
MSD	Minimum Separation Distance
NAVEODTECHDIV	Naval Explosive Ordnance Disposal Technical Division
NEESA	Naval Energy and Environmental Support Activity
NIOSH	National Institute of Safety and Health
NOSSA	Naval Ordnance Safety and Security Activity
OE	Ordnance and Explosives
OP	Ordnance Publication
OSHA	Occupational Safety and Health Administration
PHRA	Patton Harris Rust & Associates, Inc.
PM	Project Manager
QC	Quality Control
SOW	Scope of Work
SUXOS	Senior UXO Supervisor
TCRA	Time-Critical Removal Action
USCG	United States Coast Guard
UXO	Unexploded Ordnance
UXOQCS	Unexploded Ordnance Quality Control Specialist
UXOSO	Unexploded Ordnance Safety Officer
UXOTI	Unexploded Ordnance Disposal Technician I
UXOTII	Unexploded Ordnance Disposal Technician II
UXOTIII	Unexploded Ordnance Disposal Technician III

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1 EXECUTIVE SUMMARY

A munitions and explosives of concern (MEC) removal action was performed by Bhate Environmental Associates, Inc. (Bhate) at the Site 7 - Old DuPont Disposal Area (Site 7) located on Cheatham Annex (CAX) in Yorktown, Virginia. All operations were conducted in accordance with the Scope of Work (SOW) (Appendix A) provided by Naval Facilities Engineering Command, Mr. William Wells (PO Drawer 160-NWS, Yorktown, Virginia 23691-5000).

Bhate mobilized a three-man unexploded ordnance (UXO) team, which consisted of one Senior UXO Supervisor (SUXOS), one UXO Technician III (UXOTIII), and one UXO Technician I (UXOTI), on 17 July 2006, for this field effort. The UXO team performed an MEC removal action at the Surface Removal Area (1 acres) which consisted of the upland and shoreline area and the Subsurface Removal Area (1 acres) which also consisted of the upland and shoreline area as well. UXO personnel performed a magnetometer assisted search of the shoreline area and removed all anomalies that were located and detected. The upland area subsurface was cleared using a large excavator which removed the soil down to approximately 2 feet and the UXO Team sifted the soil using a soil sifting machine.

In addition to surface and subsurface clearance operations, Bhate provided construction safety support to EarthTech personnel during the installation of the geotextile tubes and membranes that will stabilize the shoreline.

A total of approximately 86 pounds (lbs) of munitions scrap (MS) was recovered during the course of this project. No live ordnance was found during site operations and all the MS was shipped to Timberline Environmental Services in Cold Springs, California for demilitarization.

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2 INTRODUCTION

This After Action Report summarizes the methods, procedures, and personnel that Bhate utilized to perform the MEC removal action at Site 7. Bhate has prepared this document in accordance with the SOW, which is included in Appendix A. The location of Site 7 is depicted on Figure 2-1.

2.1 Background

The area was used as a landfill by the City of Penniman and the DuPont Penniman facility which manufactured ordnance during the World War I era. Site 7 is approximately one-acre in size and is located adjacent to recreational cabins 169 and 170 along the York River (see Figure 2-2). The areas surrounding Site 7 are sparsely wooded with trees and shrubs except to the east, which is along the York River. The edge of the site along the York River is extremely steep (nearly vertical in areas) and has lost most of its vegetation to erosion due to slope soil characteristics and wave action. The river is located approximately 15-feet below Site 7, at the bottom of the steep slope. According to the 1984 Initial Assessment Study (IAS) for CAX, Site 7 received wastes from the City of Penniman and the DuPont Penniman facility, which dates the waste to the World War I era. The wastes were reported to be non-hazardous and/or inert. Even though specific information documenting the types and quantities of wastes was not available, the IAS did not recommend Site 7 for a Confirmation Study because of the "non-hazardous nature of the wastes disposed there" (Naval Energy and Environmental Support Activity [NEESA], 1984).

On September 18, 2003, Hurricane Isabel impacted the northern Outer Banks of North Carolina and crashed onto the shores of Site 7. Shortly after the hurricane, debris was found that appeared analogous to what was used during the operation of the DuPont Penniman facility, such as glass, metal parts from buildings, and burnt wood. The shoreline of Site 7 is approximately 15 feet lower than the elevation of the two recreational cabins along the York River. The hurricane washed away the shoreline and created a very unstable base for the two cabins, in turn requiring the stabilization of the shoreline. In 2004, Bhate performed a cleanup of the beach, which covered an area of approximately 600 feet along the shore and found no MEC material.

2.2 Previous Investigations

A Trenching and Limited Field Investigation Report of the site was completed by Baker Environmental, Inc. (Baker, 2004), and provided the information necessary to complete the Explosive Safety Submission (ESS). Intrusive investigations were conducted at the site in March 2004 by Baker. Trenching activities on top of the hill, near the cabins, were conducted on February 9 and 10, 2004, and the trenches ranged from 1 to 6 feet in depth and 7 to 14 feet in length and were dug until native soil was encountered. A total of 14 trenches were dug to the East and South of Cabin 169 using a backhoe with a 30-inch wide bucket. Trench locations were field determined and limited by on-site utilities, trees, and Cabin 169. No evidence of MEC material was found during these investigations.

According to an incident report dated 23 June 2004, an Explosive Ordnance Disposal (EOD) team from EOD Mobile Unit Two (EODMUTWO), Detachment Yorktown, responded to the site when Bhate personnel discovered a single MEC item on the beach during a site visit. The EOD team reported the item as being an unfired 3-inch projectile.

Separate discussions with the Yorktown Installation Restoration Manager and officials from the Naval Ordnance Safety and Security Activity (NOSSA) concluded that the MEC should be removed from this site as part of a time critical removal action (TCRA) to install the geotextile tube and geomembrane. The Navy directed Bhate to prepare an Explosives Safety Submission (ESS) in accordance with NOSSA

Instruction 8020.15. An approved ESS was required before conducting ground disturbance or intrusive activities in areas known or suspected to contain MEC. The ESS is a planning document for MEC response actions and provides the safety specifications for execution of the selected response. The ESS was submitted to NOSSA and approved on 20 December 2005.

2.3 Project Authorization

Bhate was tasked to perform an MEC removal action at Site 7 in December 2005. It was determined that MEC could exist on any portion of the site and as MEC constitutes a safety risk to site personnel and the local populace, the MEC remediation project served to mitigate these safety risks at Site 7. Prior to mobilization, the CAX Project Manager concluded that there were not enough funds to complete the entire MEC removal action outlined in the approved ESS and Work Plan, so provisions were made and approved by NOSSA to exclude the areas that were not affected by the installation of the geotextile tubes.

Bhate performed MEC removal action operations in accordance with the requirements of Occupational Safety and Health Administration (OSHA) Standard 29 Code of Federal Regulations (CFR) §1910.120; the Comprehensive Environmental Response, Compensation, and Liability Act; the National Oil and Hazardous Substances Pollution Contingency Plan; and U.S. Naval Sea Systems Command, Ordnance Publication 5, *Ammunition and Explosives Ashore*, dated January 2001.

2.4 Technical Scope of Work

The following is a list of the tasks required by the SOW (dated, 5 December 2005).

- Task 1 – Munitions Response in the Upland Area
- Task 2 – Munitions Response in the Shoreline Area

2.4.1 TASK 1 – MUNITIONS RESPONSE IN THE UPLAND AREA

Bhate mobilized a three-man unexploded ordnance (UXO) team, which consisted of one Senior UXO Supervisor (SUXOS), one UXO Technician III (UXOTIII), and one UXO Technician I (UXOTI), on 17 July 2006, for the field effort. The UXO team performed an MEC removal action at the site, which consisted of the surface and subsurface clearance of the upland area.

1. Upland Surface Removal Area – A surface clearance of approximately 0.75 acres was conducted on the upland surface area.
2. Upland Subsurface Removal Area – A removal of all MEC related material from approximately 0.75 acres using a large backhoe armored with shielding removed soil from this area to a depth of approximately 2 feet. The soil was stockpiled to the south end of the area and sifted using a Powerscreen® Warrior 1400 which sifted the soil, removing all metal and glass debris. The debris was inspected by the UXOTIII and Bhate's UXO Safety Officer (UXOSO) and certified to be free from explosive materials.

2.4.2 TASK 2 – MUNITIONS RESPONSE IN THE SHORELINE AREA

Bhate mobilized a three-man UXO team, which consisted of one SUXOS, one UXOTIII, and one UXOTI on 17 July 2006 for the field effort. The UXO team performed an MEC removal action at the site, which consisted of the surface and subsurface clearance of the shoreline area.

1. Shoreline Surface Removal Area – A surface clearance of approximately 0.25 acres was conducted within the shoreline surface area.
2. Shoreline Subsurface Removal Area – A removal of anomalies to the depth of detection from approximately 0.25 acres using a conventional analog geophysical instrument survey, flagging, and digging of anomalies (mag and dig) method.

A detailed sequence of site operations is presented in Section 3 (Discussion) of this After Action Report.

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3 DISCUSSION

This section summarizes the activities conducted as part of this project and describes the procedures Bhate used to perform the MEC removal action at Site 7 in a systematic manner using proven operating techniques and methods.

3.1 General Site Practices

Bhate performed all operational activities at Site 7 under the supervision and direction of qualified UXO personnel. Bhate prohibits non-essential personnel from performing operations unless they are accompanied and supervised by a UXO Technician. Throughout operations, Bhate strictly adhered to the following general practices.

- All operations were conducted during daylight hours.
- Only qualified UXO personnel handled suspect MEC and material potentially presenting an explosive hazard (MPPEH) when necessary.
- All personnel attended a daily safety briefing prior to beginning work on site.
- The UXOSO escorted all visitors prior to their entering the operations area.

3.2 Mobilization

Bhate mobilized a three-man UXO team consisting of one SUXOS, one UXOTIII, and one UXOTI, to Site 7 on 17 July 2006. In addition to the UXO Team a UXOSO was mobilized to act as both safety officer and quality assurance during the project.

3.3 Site-Specific Training

Bhate performed site-specific training for all personnel assigned to this project prior to mobilization. The purpose of this training was to ensure that all personnel fully understood the procedures and methods to perform operations at Site 7, their individual duties and responsibilities, and any and all safety and environmental practices/procedures associated with operations. Bhate provided the following training to site personnel:

- Prior to deployment, the SUXOS and UXOSO received operational briefings on his duties and responsibilities, and reviewed the work and safety plans.
- At the site and prior to the start of operations, the Bhate team received an initial safety and ordnance recognition briefing which included MEC safety precautions. This training was performed by the SUXOS.
- All personnel received training on the individual equipment they were to operate while on site.
- Prior to mobilization, all Bhate site personnel received OSHA Hazardous Waste Operations and Emergency Response 40-hours (or 8-hour refresher) training, as required.

All personnel on site completed a pre-placement or annual physical examination. The examination complies with the requirements of 29 CFR §1910.120 and all personnel were certified as fit to work by an Occupational Physician certified in Occupational Medicine by the American Board of Preventive Medicine, or who by necessary training and experience is board eligible. All Bhate personnel that were on site are participants in the Bhate medical surveillance program during site operations.

3.4 Site Operations

This section describes the activities conducted as part of the MEC removal action operations at the surface and subsurface. Appendix B provides a detailed photographic log of the events that took place during this project.

3.4.1 LOCATION SURVEY

Prior to Bhate mobilization, Patton Harris Rust & Associates, Inc. (PHRA) were subcontracted to lay out the site boundaries. During the first week of mobilization, Bhate began by laying out transects using survey paths along the shoreline identified by either blue or yellow flagging pins to mark the surface and subsurface area transects (Figure 3-1). PHRA conducted a survey of the area where the geotextile tubes would be installed and where the UXO Team positioned transects along the shoreline. This information was transferred to a map and provided to the UXO Team who transferred all surface and subsurface information and locations to the map (Figure 3-1).

3.4.2 AREA PREPARATION

Area preparation included the reduction and/or removal of vegetation that impeded or limited the effectiveness of subsurface clearance actions. Vegetation reduction/removal was accomplished through manual removal and/or mechanical removal. Area preparation included the felling of trees and brush removal. No stump removal occurred during the area preparation. UXO qualified personnel following procedures described in Army Corps of Engineer Engineering Pamphlet (EP) 75-1-2 accompanied the area preparation teams working in areas not previously surveyed for the presence and avoidance of MEC.

3.4.3 EQUIPMENT

The equipment requirements for this activity included:

- Schonstedt GA-52Cx metal detectors were used to detect subsurface metallic anomalies.
- Pre-marked baselines were used to subdivide transects into individual search lanes.
- Wooden stakes and flagging ribbon were used to mark individual search lanes.
- Miscellaneous common hand tools (e.g., shovels, pry bars, and hammers).
- Forms and logbooks to record site activities and MS encountered.

The Schonstedt GA-52Cx was used during surface clearance operations and subsurface clearance of transects.

3.4.4 SURFACE AND SUBSURFACE REMOVAL

Surface and subsurface clearance operations for both areas were based on the 3-inch high explosive projectile as the munition with greatest fragmentation distance, with a minimum separation distance of 219 feet, utilizing the distance where there would be no more than 1 hazardous fragment per 600 square feet. This distance comes from the Department of Defense Explosive Safety Board (DDESB) Technical Paper 16, *Methodologies for Calculating Primary Fragment Characteristics*, dated 1 December 2004. BHATE personnel began MEC removal action operations at Site 7 site on Monday morning, 17 July 2006. A 55-gallon lockable drum was placed on the site inside of the entrance gate to securely store all

munitions scrap recovered during removal operations.

Surface clearance operations included a magnetometer assisted visual search of an approximately 1 acre area, which included the upland and shoreline areas.

3.4.4.1 Shoreline Surface Clearance

The Bhate UXO Team performed a surface clearance of the shoreline and removed all debris, including nonferrous material. All items were inspected by the SUXOS and the UXOTIII to confirm that the items were scrap or MEC debris. All material that was certified as scrap was placed into a 40 foot roll off bin and processed as metal scrap at a local recycling facility. All MEC related material that was verified free from explosives was placed beside the 55-gallon drum until inspected by the UXOSO and the SUXOS at the end of the day. At the end of the day the SUXOS and UXOSO inspected the MEC scrap, certified it as free from explosives, recorded the information into the daily log and a DD Form 1348-1, and than placed the material into the 55-gallon drum where it was secured using locks. No explosively contaminated material was found during the shoreline surface area clearance.

3.4.4.2 Shoreline Subsurface Clearance

The Bhate UXO Team performed a metal detector search of each shoreline transect. Transects were searched in 3-foot lanes and cleared to a depth of 2 feet. The anomalies were excavated, identified, recorded, and secured in at the end of the workday. Scrap material was placed into roll off bins and taken to a landfill and MEC scrap was placed into lockable 55-gallon drums after being certified by the SUXOS and UXOSO. The following sections describe the equipment and procedures the individual UXO Teams used to search and clear the individual areas.

3.4.4.2.1 Shore line Transects

Two lateral-transect strips approximately three feet wide running the length of the shoreline (300 feet) were investigated using the magnetic detection and dig approach. The first 3 foot transect strip along the shoreline was approximately 7 feet above the low tide mark and the second transect will be 7 feet further inland and parallel with the first transect. These two transect strips covered approximately 20% of the area from the low tide up to 25 feet into the shore. No MEC or explosive contaminated scrap was found during the investigation of these transect strips and it was reasonably assumed that this area did not contain any discarded military munitions (DMM) burial pits so no further removal effort was undertaken for the remaining area near the shoreline.

3.4.4.2.2 Detect and Dig Operations

After establishing the individual transects lanes, the UXO Team Leader directed site personnel to begin searching each lane with a Schonstedt GA-52Cx metal detector. UXO personnel started at one end of each lane and moved forward toward the opposing baseline. During the forward movement the individual moved the Schonstedt GA-52Cx from one side of the lane to the other. Both forward movement and the swing of the Schonstedt GA-52Cx were conducted at a pace that ensured the entire lane was searched and the instrument was able to appropriately respond to subsurface anomalies.

Whenever encountering a subsurface anomaly or metallic surface object, the individual halted and investigated the anomaly. The anomalies were excavated by carefully digging along side of where the anomaly was located, or removing the earth overburden using a pry bar or trowel. When the overburden was removed to within 6 inches of the anomaly, the UXO personnel removed the remaining earth using a trowel or other small digging implement. All anomalies were pursued to depth. At the completion of investigations the hole was checked with a metal detector to ensure no metallic contacts remained.

Throughout this operation, the UXO Team Leader closely monitored individual performance to ensure that these procedures were performed with due diligence and attention to detail. Also, during this operation the Unexploded Ordnance Quality Control Specialist (UXOQCS) conducted several quality assurance inspections to assure that procedures were being followed by the UXO Team.

3.4.4.3 Upland Surface Clearance

Prior to any heavy machinery being deployed onto the site a surface clearance of the entire upland work area was conducted by the UXO Team. The SUXOS marked the area with boundary marking tape and indicated where each area had been cleared by the UXO Team. One UXO Team member operated a Schonstedt magnetometer while the other conducted the visual search of the area. The areas to be cleared were marked using blue flagging ribbon as a method of identification of the area boundaries. Once the grid was cleared, the SUXOS marked this in his daily log to report to the Project Manager.

A registered Land Surveyor surveyed each of the clearance areas and was accompanied by a UXOTIII as a minimum. Surveying activities consisted of locating clearance area boundaries, establishing permanent survey monuments, and establishing transects for geophysical investigation activities within the clearance areas. The area to be excavated was approximately 300 feet long by 175 feet wide and was verified by the Land Surveyor and Bhate Project Manager using the final design drawings (Baker, 2004). No MEC was discovered during the upland surface clearance operation.

3.4.4.4 Upland Subsurface Clearance

A large backhoe was armored using Plexiglas and steel plating. The large backhoe's operator compartment was armored in accordance with (IAW) the Department of Defense (DOD) 6055.9-STD, *DOD Ammunition and Explosive Safety Standards*, dated October 5, 2004, and DDESB Technical Paper 16, *Methodologies for Calculating Primary Fragment Characteristics*, dated December 1, 2003, for minimum thickness to prevent injury to the backhoe operator. The backhoe was used to excavate the soil of the upland area to a depth of approximately 2 feet and also load the hopper of the Powerscreen® Warrior 1400 with the excavated soil from the upland area. Appendix B shows a picture of the excavator with armor and the three stage screening machine with the three conveyor belts which assisted in the separation of large, medium, and fine material.

While excavating with the large backhoe, a UXO Technician was stationed in a position that was out of the reach of the large backhoe arm but afforded a view of the excavation site. The UXOTIII ensured that the next lift was visually free of MEC. The excavated material was stockpiled into a mound near the screening machine. The excavated material was screened for munitions debris, small metallic debris, and MEC items. The UXO Technician communicated with the excavator operator via hand signals to stop the excavation if suspected MEC was observed. If this happened, the excavator operator would immediately place the backhoe bucket on the ground and shut down the backhoe.

The UXO Technicians examined the item to determine if it was MEC related material. If both UXO Technicians positively identified the item as inert munitions related scrap, the item was removed and placed into a lockable 55-gallon drum, to be processed as scrap metal by Timberline Environmental in California. If the item was live MEC, or if any doubt existed, the item was assumed to be explosive filled and all work stopped. The item was marked using flags as a method of identification of the MEC type and an exclusion zone was established. If the excavated MEC was larger than the current munition with the greatest fragmentation distance (MGFD), the UXO Team would determine the new minimum separation distance (MSD) using DDESB Technical Paper 16, *Methodologies for Calculating Primary Fragment Characteristics*, dated 1 December 2003.

The screening of the soil was accomplished after all soil was removed from the area where the geotextile tube would be constructed. The UXO Technician operated the screener from behind a 0.56 inch thick

hard steel barrier with a 1 foot wide by 1 foot long hole cut into the steel and covered with 2.87 inch thick Plexiglas and a photograph can be seen in Appendix B. The Plexiglas allowed the UXO Technician to view the screening operation without stopping after every bucket load from the backhoe, thus increasing overall throughput of the sifting operation. Located inside this steel barrier was a remote kill switch for the screening machine to be used in the event of an emergency. The remote operator remained behind the steel barricade which was located at least 54 feet from the screening operation to provide a K40 overpressure protection as well as hazardous fragment protection. Personnel, who were not protected by the barricade, were withdrawn outside of the 219 foot exclusion zone during screening operations.

Once the backhoe operator released the soil into the hopper and was clear of the screening machine, the UXO Technician started the screening machine with the remote operator switch while behind the steel barrier. Once all the soil was sifted through the machine the remote kill switch was used to stop the screening machine and the UXOTIII inspected the conveyor belts and piles of soil for any MEC material. All metal scrap was placed into a roll-off container for disposal at a local landfill. The process was repeated until all the soil which was removed from the upland area was screened.

3.4.4.5 Geotextile Tube Installation

Once the MEC remediation was completed Bhate proceeded to the installation of the geotextile tube. During this phase Bhate provided a UXO Tech III who provided UXO construction support until the tubes were completely installed.

3.4.4.6 Records

The SUXOS prepared and maintained a detailed accounting of all activities performed at each area. The Daily Operations Summary Report, located in Appendix C, included information pertaining to the following:

- The date and time operations began
- The date and time operations were completed
- The location, number, type, and description of MS items encountered
- The location and number of subsurface anomalies flagged for investigation
- An estimated weight, in pounds, of the MS removed from the area

3.4.5 MPPEH PROCESSING AND DISPOSITION

In accordance with *Ordnance Publication 5, Ammunition and Explosive Safety Ashore*, dated January 15, 2001 with Change 5 dated June 1, 2006, and DOD Instruction 4140.62*, Management and Disposition of Material Potentially Presenting an Explosive Hazard (MPPEH)*, December 3, 2004, Bhate certified all MPPEH found on Site 7 as safe and shipped the items to a recycle facility where the material was processed as munitions scrap (MS) and smelted for reuse. The following paragraphs outline the processes which certified the MPPEH as being safe, shipment to a destruction facility, and the proper intact chain of custody.

Bhate located, identified, inspected, certified, and disposed of approximately 86 lbs of MPPEH during the surface and subsurface clearance of Site 7. The certification of all MPPEH removed at Site 7 was conducted by UXO Technicians who met the requirements of DOD Instruction 4140.62*,* paragraph 6.2.4.1 and OP 5, paragraph 13-5.7. All 86 pounds of MPPEH recovered during the clearance operations were certified free from explosive hazards by visual inspection and downgraded from MPPEH to MS.

The inspection of the MPPEH by the UXO Safety Officer and UXO Technician III also met the requirement of DOD Instruction 4140.62, paragraph 6.2, which declares that "any MPPEH inspected by competent authorities and declared safe is safe for unrestricted transfer and release and no longer considered MPPEH as long as the chain of custody remains intact." OP 5, paragraph 13-5.7.2 and DOD Instruction 4140.62, paragraph 6.2 additionally requires that all MPPEH be re-inspected by DOD personnel who are independent of the first inspector. To meet this requirement, the MPPEH were re-inspected by the Naval Explosive Ordnance Disposal Technical Division (NAVEODTECHDIV) Inspector, Indian Head, Maryland on 21 August 2006, as a third and final independent inspection and certified to be safe (free from explosives), no longer requiring treatment as MPPEH. Each of the MPPEH (see Appendix B, Photographs 18 and 113) certified as safe were included on a DD From 1348-1A, Issue Release/Receipt Document by total weight, as a means of documenting the inspection by the UXO Technicians and DOD personnel and provided an intact chain of custody verification to the destruction facility. All MPPEH were identified as projectile lifting lugs and fuze well adapters and downgraded to MS.

To ensure chain of custody remained intact during the disposition process, the MS was placed in a 55-gallon drum after being inspected by the UXO Safety Officer, UXO Technician III, and re-inspected by the NAVEODTECHDIV inspector. The 55-gallon drum was separated from drums which were intended to store items certified as hazardous MPPEH and requiring special treatment and processing. These drums were locked at the end of each day and stored within the secure work site.

A copy of the DD Form 1348-1A (with the serial number of the seal hand written in section 24) with the total weight of MS and two required signatures from the UXO Technicians and NAVEODTECHDIV inspector was placed inside the 55-gallon drum, in a protective sleeve, so the receiving destruction facility could verify the chain of custody was intact. The 55-gallon drum was secured with a lock and numbered seal and shipped to Timberline Environmental Services, a MS recycling plant in California certified to process munitions debris and MS. A Certificate of Destruction from Timberline Environmental Services was issued to Bhate, closing the chain of custody for the MS. Shipping documents, 1348-1A Forms, and destruction certificates are located in Appendix D.

3.4.6 QUALITY CONTROL

Throughout site operations Bhate performed quality control inspections. The inspections consisted of daily observations by the UXOSO of operational activities, site operations, and formal inspections of completed work. Daily inspections included quality control checks of the Schonstedt GA-52Cx, checks of maintenance and calibration procedures, and compliance with the Work Plan including site records and documentation. The Daily Quality Control Report and Safety Inspection Reports are located in Appendix E.

3.5 Demobilization

During the demobilization phase, Bhate removed all operational capabilities from the area and reallocated site personnel and equipment to other projects. The 55-gallon drum containing the MS was removed from the site and transported to Timberline Environmental Services for disposal on 22 August 2006.

4 DOCUMENTATION

This section discusses the documentation generated during the MEC removal action, operating procedures/issues, and lessons learned during conduct of operations at the project site.

4.1 Evacuations

No evacuations were performed as part of this MEC removal project.

4.2 Target Marking and Investigations

No target marking was performed as part of this MEC removal project.

4.3 Site Photographs

Digital color photographs of significant site activities are provided in Appendix B.

4.4 Daily Operation Logs and Tailgate Safety Briefings

Daily Operation Logs of all site operations and Tailgate Safety Briefings at Site 7 are included in Appendix C.

4.5 MPPEH and MS

MPPEH inspection and certification documents and the certificate of destruction are included in Appendix D.

4.6 Site Figures

Site figures depicting the location of the test dig areas, transects, and geotextile tube installation are included in the Figures section of this report.

4.7 Quality Control Documentation

Daily Quality Control reports are provided in Appendix E.

4.8 Miscellaneous Documentation

Miscellaneous documentation, such as changes to the work plan and requests for changes to the operational requirements, are located in Appendix F, Miscellaneous Documentation.

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5 TESTS

The Bhate SUXOS and UXOTIII performed equipment testing and calibration. The Bhate UXOSO conducted quality control (QC) inspections and audits, and monitored performance during site operations.

5.1 Instrument and Equipment Testing, Calibration, and Maintenance

This section describes the methods and procedures used for instrument and equipment testing, calibration, and maintenance. The Schonstedt GA-52Cx was used to detect ferrous material within the shoreline transect areas.

5.1.1 TESTING PROCEDURES AND FREQUENCY

Instruments and equipment (e.g., navigational, data analysis, and transfer systems) used to gather and generate site data were tested with sufficient frequency and in such a manner as to ensure that accuracy and reproducibility of results were consistent with the manufacture's specifications.

The method performed for measuring the instrument response was conducted at the start of each workday, over a test area, and comparing that response and position to a known response and position recorded prior to the instruments initial placement into service. Instruments or equipment failing to meet the standard were repaired, recalibrated, or replaced. Replaced instruments or equipment met the same specifications for accuracy and precision were removed from service. Items such as cellular telephones and cellular walkie-talkies were tested for serviceability at the start of each workday and also verified with the stations safety office to ensure they met all hazards of electromagnetic radiation to ordnance (HERO) specifications.

5.1.2 GEOPHYSICAL EQUIPMENT CHECK AREA

Bhate established a geophysical equipment check area (GECA) of sufficient size and containing an appropriate number of inert target and clutter items for testing of the Schonstedt GA-52Cx metal detectors. These items were of similar size, depth, orientation, and composition of items expected to be found on the project site. The GECA plot included the smallest item expected to be located on site at the maximum depth detectable by the instrument being used.

5.1.3 ROUTINE EQUIPMENT CHECKS

Global positioning system (GPS) equipment was checked each day before being placed into service. Each Schonstedt GA-52Cx and White's XLT was tested each workday prior to being placed into service. This test included a functions check and the locating of selected anomalies within the test strip by the UXOTIII. Moving the on/off/volume/range selector switches through the various positions and determining the serviceability/functionality accomplished the functions check.

5.1.4 CALIBRATION

Instruments and equipment requiring calibration or recalibration was completed in accordance with the manufacture's recommendation or owner's manual.

5.1.5 MAINTENANCE

Scheduled maintenance was performed in accordance with the manufacture's recommendation or owner's manual for equipment requiring regular upkeep. This equipment included:

- Vehicles
- Powered Equipment
- Personal Protective Equipment
- Communications Equipment
- Navigational Equipment
- Handheld Metal detectors
- Emergency Equipment

5.2 Quality Control

This section describes the QC methods and procedures used during site operations.

5.2.1 HANDHELD METAL DETECTOR

A QC survey was performed using a handheld locator of the same technology used for the original survey and covering a minimum of 10% of each shoreline transect after field operations were completed. A QC check of selected investigated anomalies was performed to determine that the excavation removed the anomaly and there were no remaining items of concern. This operation was also conducted by NOSSA, Indian Head, Maryland, by Mr. Douglas Murray. A copy of the report is located in Appendix E.

5.2.2 QC SEED ITEMS AND GRID FAILURE CRITERIA

As the QC grids were surveyed by the dig team, the UXOQCS checked the grid against the list of QC seed items. Grids containing a recovered seed item were recorded as passed, while seed items that were missed resulted in failure of the grid and were re-swept. Grid failure also occurred during the Bhate QC check if a piece of ferrous metal equivalent in size to a 3-inch projectile or larger or any MEC item was found within the grid.

All metal/MS items and QC seed items were located during removal operations. Therefore, no grids were failed by the UXOSO during QC inspections.

5.3 Quality Control Inspections, Audits, and Reports

The UXOQCS was responsible for the accomplishment of operational checks of instruments and equipment by site personnel and for ensuring the appropriate log entries were made. The UXOSO performed inspections and or audits at random (see Appendix E), with unscheduled checks of the site to ensure personnel accomplished all work as specified in the Work Plan. The UXOQCS conducted inspections of both shorelines transects and the operation of the soil sifting.

An inspection by NOSSA was conducted and comments were made by the inspector which were provided to the Cheatham Annex Project Manager (PM) and Bhate's Ordnance and Explosives (OE)/ Unexploded Ordnance (UXO) Director. Each comment and recommendation was addressed by the Bhate OE/UXO Director and a copy of the corrective actions is located in Appendix E.

5.4 Costs for MEC Remediation

Total costs for the MEC remediation of Site 7 are displayed in Table 5-1 below.

Table 5-1. MEC Remediation Action Cost Summary

Task	Description	Quantity	Unit	Cost
1	Project Management	1	LS	$9,485.00
2	Project Plan Development	1	LS	$4,959.49
3	Explosive Safety Submittal	1	LS	$21,070.09
4	UXO Work Plan	1	LS	$15,111.63
5	Site Preparation, Clearing & Grubbing MEC Surface Clearance, and Shoreline MEC	1	LS	$58,673.56
6	Excavate/Screen Soil and Debris	1	LS	$208,870.21
7	Installation of Geotextile Tubes	1	LS	$5,291.00
8	Site Restoration			$9,664.53
9	Report Preparation	1	LS	$8,799.61
			Total	$341,925.12

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6 SUMMARY

Bhate completed all tasks safely and efficiently and in accordance with the SOW and approved Work Plan.

UXO personnel performed surface and subsurface clearance of an approximately 1 acre at Site 7 and provided construction safety support during installation of the geotextile tubes on the shore of the York River. A total of approximately 86 lbs of MEC scrap was located and transported offsite for disposition during this field effort. No live ordnance was found during the course of site operations.

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7 REFERENCES

Baker Environmental, Inc., 2004, *Trenching and Limited Field Investigation Report.*

Bhate, May 2006, UXO WORK PLAN ADDENDUM, Shoreline stabilization/geotextile tube installation at IR Site 7 – Old DuPont Disposal Area, Naval Weapons Station Yorktown, Cheatham Annex, Yorktown, Virginia.

Cheatham Annex Naval Weapons Station Contracting Office, July 2, 2004, *Site 7N – Old DuPont Disposal Area, Shoreline Stabilization Project, Cheatham Annex, Naval Weapons Station Yorktown, Yorktown, Virginia, Scope of Work,*

DOD Instruction 4140.62, 3 December 2004, *Management and Disposition of Material Potentially Presenting an Explosive Hazard (MPPEH).*

DOD 6055.9-STD, 05 October 2004, *DOD Ammunition and Explosives Safety Standards.*

DOD Technical Paper 16, 01 December 2003, *Methodologies for Calculating Primary Fragment Characteristics.*

DOD Technical Paper 18, 20 December 2004, *Minimum Qualifications for Unexploded Ordnance (UXO) Technicians and Personnel.*

Federal Acquisition Regulation (FAR) Clause 52.236.13, *Accident Prevention.*

National Institute of Safety and Health (NIOSH)/Occupational Safety and Health Administration (OSHA)/United States Coast Guard (USCG)/Environmental Protection Agency (EPA) (Department of Human Health and Services [DHHS] NIOSH) Publication #85-115), October 1985, *Occupational Safety and Health Guidance Manual for Hazardous Waste Site Activities.*

Naval Energy and Environmental Support Activity [NEESA], 1984.

Naval Sea Systems Command, Ordnance Publication (OP) 5, Volume 1, January 2001, Change 5 – June 2006, *Ammunition and Explosives Ashore.*

Naval Energy and Environmental Support Activity (NEESA), February 1984, *Initial Assessment Study of Fleet and Industrial Supply Center (Norfolk) Cheatham Annex and Yorktown Fuels Division.*

USACE EP 75-1-2, 1, August 2004, *Unexploded Ordnance (UXO) Support during Hazardous, Toxic, and Radioactive Waste (HTRW) and Construction Activities.*

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FIGURES

0 1 Mi. 2 Mi.

1" = 1 MILE

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ENGINEERING, SCIENCE AND CONSTRUCTION

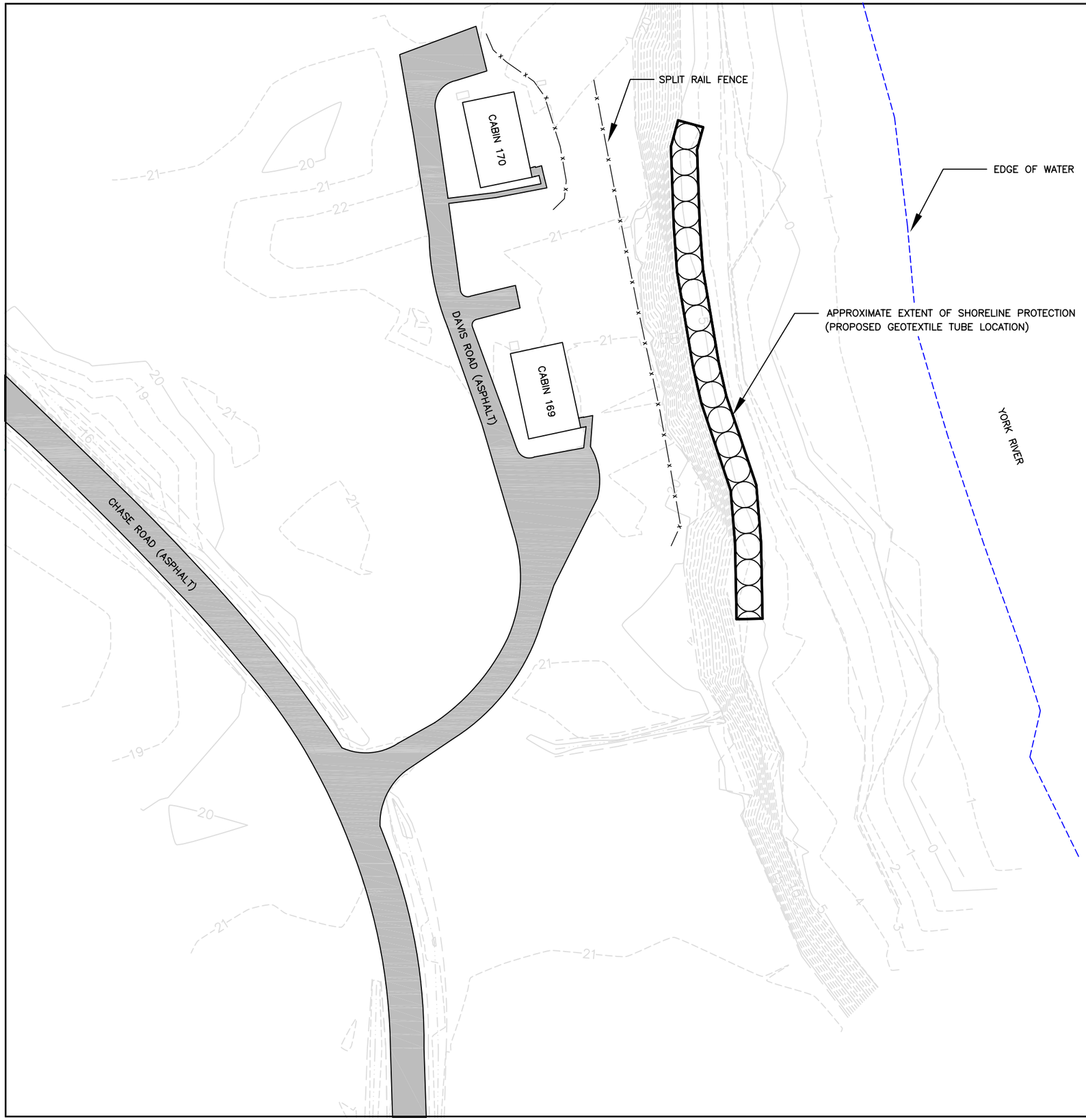
SITE LOCATION MAP

Source: Topozone.com

PROJECT NO.	SCALE	DATE	DRAWN BY: MRM/CM
9030080	SHOWN	10/20/06	DRAWING NO: FIGURE 2-1

CHEATHAM ANNEX
SITE 7-OLD DUPONT DISPOSAL AREA
NAVAL WEAPONS STATION
YORKTOWN, VIRGINIA
CONTRACT NO. N62470-03-D-4198 CTO-001
BHATE PROJECT NO. 9030080

FIGURE 2-1



NOTES:

1. HORIZONTAL DATUM–BASED ON VIRGINIA STATE PLANE COORDINATE SYSTEM–SOUTH ZONE (NAD 83)(CORS 96)
2. VERTICAL DATUM–ELEVATIONS SHOWN ARE IN FEET (NAVD 88)
3. THIS PLAN IS BASED ON A FIELD SURVEY PREPARED BY PATTON HARRIS RUST AND ASSOC. (PHRA) ON APRIL 27, 2004.
4. EDGE OF WATER ON APRIL 29, 2004 AT 12:00 PM.
5. THIS INFORMATION IS DEPICTED TO PROVIDE VISUAL AID WITHIN THE CONTEXT OF THIS REPORT AND SHOULD NOT BE USED AS A SOLE REFERENCE IN PRECISE DIMENSIONING OF FEATURES INDICATED. PLEASE VERIFY THE LOCATION OF ALL FEATURES, INCLUDING UNDERGROUND AND ABOVEGROUND UTILITIES, PRIOR TO ANY SUBSURFACE EXPLORATION.

GRAPHICAL SCALE

50' 0 50'

1"=50'

SOURCE: TOPOGRAPHIC SURVEY MAP OF CAX SITE 7
PREPARED BY PHRA (5/18/04) REF. FILE 10491–3–1

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SITE 7 MAP

CHEATHAM ANNEX
SITE 7–OLD DUPONT DISPOSAL AREA
NAVAL WEAPONS STATION
YORKTOWN, VIRGINIA
CONTRACT NO. N62470–03–D–4198 CTO–001
BHATE PROJECT NO. 9030080

SCALE	DRAWING NO.	DRAWN BY:	DATE:	
1"=50'	2 OF 3	MRM/CM	1/19/06	FIGURE 2–2

FLAG #	NORTHING	EASTING	COLOR
1	3636715.29	12033230.31	YELLOW
2	3636715.71	12033232.97	YELLOW
3	3636715.80	12033240.31	BLUE
4	3636716.58	12033242.92	BLUE
5	3636767.28	12033210.46	YELLOW
6	3636768.64	12033213.43	YELLOW
7	3636771.32	12033219.93	BLUE
8	3636772.18	12033222.93	BLUE
9	3636813.06	12033198.57	YELLOW
10	3636813.81	12033201.25	YELLOW
11	3636815.42	12033207.78	BLUE
12	3636815.86	12033210.59	BLUE
13	3636859.24	12033172.69	YELLOW
14	3636860.11	12033175.69	YELLOW
15	3636862.19	12033182.07	BLUE
16	3636863.18	12033185.07	BLUE
17	3636907.19	12033153.16	YELLOW
18	3636908.27	12033155.81	YELLOW
19	3636909.13	12033163.56	BLUE
20	3636910.17	12033166.65	BLUE
21	3636957.35	12033149.95	YELLOW
22	3636957.65	12033153.11	YELLOW
23	3636959.41	12033160.25	BLUE
24	3636960.01	12033163.63	BLUE
25	3637006.78	12033153.52	YELLOW
26	3637007.76	12033156.60	YELLOW
27	3637009.62	12033163.43	BLUE
28	3637010.02	12033166.44	BLUE

NOTES:
1. VERTICAL DATUM–ELEVATIONS SHOWN ARE IN FEET (NAVD 88)
2. THE PIN LOCATION IS BASED ON A FIELD SURVEY PREPARED BY PATTON HARRIS RUST AND ASSOC. ON JULY 27, 2006.

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MEC Clearance Map

PROJECT NO.	SCALE	DATE	DRAWN BY: cm
9030080	Shown	10/20/06	DRAWING NO: Figure 3–1

CHEATHAM ANNEX
SITE 7–OLD DUPONT DISPOSAL AREA
NAVAL WEAPONS STATION
YORKTOWN, VIRGINIA
CONTRACT NO. N62470–03–D–4198 CTO–001
BHATE PROJECT NO. 9030080

FIGURE 3–1

APPENDIX A

SCOPE OF WORK

SCOPE OF WORK
MUNITIONS RESPONSE ACTIONS TO SUPPORT GEOTEXTILE INSTALLATION AT THE OLD DUPONT DISPOSAL AREA, CHEATHAM ANNEX, WPNSTA YORKTOWN, YORKTOWN, VIRGINIA

December 5, 2005

PERFORMANCE REQUIREMENTS

A. OBJECTIVE: The goal of this modification to Contract Task Order (CTO)0001 is to allow for munitions response actions to support geotextile tube and geomembrane installation at Naval Environmental Restoration Program (NERP) Site 7, the Old DuPont Disposal Area, at Cheatham Annex (CAX), WPNSTA Yorktown, at described in the final Explosives Safety Submission (ESS) and Site Approval Request (SAR). Approximately 250 feet of geotextile tube will be installed on the shoreline below an eroding embankment to prevent further loss of the embankment and landfill due to wave action from the York River. In addition, a geomembrane will be laid over the embankment to prevent further erosion of the embankment from overland flow during storm events.

B. SPECIFIC REQUIREMENTS: In order to accommodate installation of the geotextile tube and geomembrane, all debris must be removed from the upland area of Site 7 to an approximate depth of one foot. For safety reasons, all munitions of explosive concern (MEC) must be removed from the site to the same depth. A geophysical survey of this site for ferrous materials is impractical because of its history as an old landfill. This project is divided into two major tasks.

The A&E shall perform a MEC removal action in accordance with the approved ESS in the area where the geotextile tube and geomembrane will be installed. The area where the geomembrane will be installed is approximately 25 feet east of the existing cabins extending down the slope of the embankment to about 10 feet from the high tide line and approximately 250 feet long +/- 40 feet. This area will be referred to as the UPLAND AREA. The second area where the geotextile tube will be installed extends 10 feet from the high tide line to about 25 feet east towards the York River and also approximately 250 feet long +/- 40 feet. This area will be referred to as the SHORELINE AREA.

Task 1 – Munitions Response in the Upland Area

The A&E shall prepare the upland area for installation of a geomembrane in accordance with the munitions response detailed in Section 6.4 of the approved ESS.

Task 2 –Munitions Response in the Shoreline Area

The A&E shall prepare the shoreline area for installation of the geotextile tube in accordance with the munitions response detailed in Section 6.5 of the approved ESS.

OPTIONS

There are no options associated with this RFP.

DELIVERABLES

The contractor shall forward all submissions (for example, draft, draft final, and final documents in accordance with the distribution schedule established in this RFP and modification no. 2 of this CTO. Copies of submittal distribution letters shall be forwarded to the NAVFAC Mid-Atlantic contract specialist and to the NAVFAC Atlantic administrative records manager.

Copies of final documents will be provided in designated electronic format and paper format to the NAVFAC Atlantic administrative records manager:

- One hard copy (three-hole-punched but unbound)
- One electronic copy (in portable document file optical character recognition (OCR) version on CD-ROM)

All documents shall be submitted in electronic format and in hard copy format (unless otherwise specified). Electronic formats shall contain a portable document file (pdf) OCR version of the complete document and native file versions. All pdf documents shall be book marked for ease of use.

Upon completion of the project, an electronic submission (CD-ROM) of the draft, all comments, response to comments, draft final version, response to comments, final version, final regulatory acceptance, and other related information that should be included in the administrative record files shall be submitted to the NTR in CD-ROM format.

Draft Reports - The drafts shall include all items described under the Section B above. All draft submittals in hard-copy format shall be GBC-bound. All electronic submittals shall be in CD-ROM format.

Draft Final Reports: - The draft finals shall include all items described under the Section B above. All draft final submittals in hard-copy format shall be GBC-bound. All electronic submittals shall be in CD-ROM format.

Final Reports - The finals shall include all the recommendations of the drafts as modified by accepted comments and agreements reached during any meetings. The finals shall be bound in durable, hard cover, water and grease resistant binders, circular loose leaf binders, holding 8.5" X 11" sheets. Binders shall have clear pockets located on the front and on the spine that hold printed sheets identifying the project title, project number, location, construction contract number, prepared for, prepared by, volume number and sections included in that binder in accordance with the Environmental Management Procedure (EMP) for document control. Each binder will be considered as a single volume. Pages shall be of high quality paper. The dividers shall be heavy-duty paper with plastic reinforced holes and integrated tabs. Tabs shall identify the chapter number and title, sections title, and the different appendices under each section, as required. All electronic submittals shall be in CD-ROM format.

GOVERNMENT FURNISHED INFORMATION

There is no government furnished information to be provided to the contractor.

SPECIAL INSTRUCTIONS

A. The contractor is responsible for obtaining permission and clearance from the appropriate security personnel to enter and perform the required fieldwork.
B. The contractor shall forward all informal documents (for example, field notes) directly to the NTR upon request.
C. All drawings, manuals, photos, computer software, laboratory analyses, calculations, reports, electronic submittals, and/or tapes generated for the execution of this contract are considered the property of the Navy and shall be turned over to the project NTR upon completion of the CTO.
D. All electronic copies shall be in Microsoft® Office 2000 product format or compatible and delivered on CD-ROM media.
E. The contract number and CTO shown in the heading on the first page of this RFP shall be used on all correspondence relative to this contract.

APPENDIX B

SITE PHOTOGRAPHIC LOG

Appendix B Photographic Log

Photo #1
Trash pit in the side of hill.

Photo #2
South end side of the hill.

Photo #3
Erosion on the side of hill.

Photo #4
Excavator removing concrete.

Photo #5
Rails from the beach.

Photo #6
Fuse adaptors found on site.

Photographs Taken July 19-24, 2006
Cheatham Annex
Bhate Project No. 9030080

Appendix B Photographic Log

Photo #7
Fuse adaptors found on the site.

Photo #8
Items found on the site.

Photo #9
Staging area, top of hill south end of the site.

Photo #10
Staging area, top side southeast end.

Photo #11
Metal junk from the site to be removed.

Photo #12
Beach with some of the brush removed. Looking north to south.

Photographs Taken July 19-24, 2006
Cheatham Annex
Bhate Project No. 9030080

Appendix B Photographic Log

Photo #13
Beach coming up on low tide. Flag is low tide marker.

Photo #14
Concrete to be removed from the hill.

Photo #15
Tide moving in on the beach.

Photo #16
Excavator removing brush.

Photo #17
40 yard roll off of trash to be removed from the site.

Photo #18
Items found on the site in a drum.

Photographs Taken July 19-24, 2006
Cheatham Annex
Bhate Project No. 9030080

Appendix B Photographic Log

Photo #19
Excavator removing brush.

Photo #20
Beach with brush removed. Looking south to north.

Photo #21
UXO Team searching for items.

Photo #22
UXO Team searching beach transect.

Appendix B Photographic Log

Photo #23
Powerscreen® rep moving screen.

Photo #24
Powerscreen® rep moving screen.

Photo #25
Powerscreen® rep moving screen.

Photo #26
Eric Stout Equipment operator.

Photo #27
Powerscreen® rep moving screen.

Photo #28
Powerscreen® rep moving and setting up screen.

Photographs Taken July 25. 2006
Cheatham Annex
Bhate Project No. 9030080

Appendix B Photographic Log

Photo #29
Powerscreen® being moved and set up screen.

Photo #30 The team right to left: Tim King: Bhate, From Earth Tech: Earl Dennis, Carl Duffy, Eric Stout, Shannon Totten

Photo #31
Powerscreen® rep moving and setting up screen.

Photo #32
Powerscreen® rep moving screen down hill.

Photo #33
Powerscreen® rep moving and setting up screen down hill.

Photo #43
Powerscreen® rep moving down hill.

Photographs Taken July 25, 2006
Cheatham Annex

Appendix B Photographic Log

Photo #35
Powerscreen® being moved to pad.

Photo #36
Full roll off ready for pick up.

Photo #37
Powerscreen® rep moving service truck in, to work on screen.

Photo #38
Powerscreen® rep moving service truck in to set up screen.

Photo #39
Staging area with full roll off to be removed from site.

Photo #40
Earl, Eric, Carl on the pad for screening in the southeast of the site.

Photographs Taken July 25, 2006
Cheatham Annex

Appendix B Photographic Log

Photo #41
Powerscreen® rep repairing track.

Photo #42
Power screen rep repairing track.

Photo #45
North end of beach at high tide.

Photo #46
North end of beach and transect at high tide.

Photo #47
Powerscreen® rep repairing track.

Photo #48
Beach at high tide.

Photographs Taken July 25, 2006
Cheatham Annex
Bhate Project No. 9030080

Appendix B Photographic Log

Photo #49
High tide.

Photo #50
Southeast end of pad with silt fence and concrete.
Stake to mark east side of screen for safety zone.

Photo #51
Powerscreen® rep moving screen down hill.

Photo #52
Kill switch where a 100' cord will be hook in.

Photo #53
Powerscreen® rep setting up screen.

Photo #54
Powerscreen® rep setting up screen.

Photographs Taken July 25, 2006
Cheatham Annex
Bhate Project No. 9030080

Appendix B Photographic Log

Photo #55
Powerscreen® rep setting up screen.

Photo #56
Tree stump to be removed from beach.

Photo #57
Powerscreen® rep moving and setting up screen.

Photo #58
Control for moving the screen.

Photo #59
Powerscreen® rep ready for test of screen.

Photo #60
Controls for the screen.

Photographs Taken July 25, 2006
Cheatham Annex
Bhate Project No. 9030080

Appendix B Photographic Log

Photo #61
Powerscreen® rep doing test run.

Photo #62
Powerscreen® rep putting safety shields on.

Photo #63
Powerscreen® rep giving a class on the use and safety of the screen.

Appendix B Photographic Log

Photo 64
Track excavator with 3 inch Plexiglas on the door and front cab compartment.

Photo #65
Track excavator with Hard steel .56" on right side of cab compartment.

Photo #66
Track excavator with 3 inch Plexiglas on the left side of cab compartment.

Photo #67
Track excavator with 3 inch Plexiglas on the door and side cab compartment.

Photo #68
Track excavator guide wheel on the track in need of repair day 1 of use.

Photo #69
Track excavator digging stumps.

Photographs Taken August 1-3, 2006
Cheatham Annex
Bhate Project No. 9030080

Appendix B Photographic Log

Photo #70
Track excavator digging tube line.

Photo #71
Track excavator with 3 inch Plexiglas digging.

Photo #72
Track excavator with 3 inch Plexiglas digging along the shoreline.

Photo #73
Track excavator digging and moving dirt along the shoreline

Photo #74
Box for watching sifting of soil (dog house).

Photo #75 Box for watching sifting of soil (dog house). Front

Photographs Taken August 1-3, 2006
Cheatham Annex
Bhate Project No. 9030080

Appendix B Photographic Log

Photo #76
2 August 06 Box for watching sifting of soil (dog house). Chain for moving.

Photo #77
2 August 06 Box for watching sifting of soil (dog house). Inside

Photo #78
2 August 06 Box for watching sifting of soil (dog house). Looking inside from back

Photo #79
2 August 06 Box for watching sifting of soil (dog house). Chain for moving.

Photo #80
2 August 06 Beach looking north.

Photo #81
2 August 06 Hill on west side of beach.

Photographs Taken August 1-3, 2006
Cheatham Annex
Bhate Project No. 9030080

Appendix B Photographic Log

Photo #82
Stake marking center of tube west side of beach.

Photo #83
North side beach.

Photo #84
Track excavator on top of soil to be screened.

Photo #85
Trash in side of hill from trash pit.

Photo #86
Trash in side of hill. Stock Pile on left.

Photo #87
Trash in hill.

Photographs Taken August 1-3, 2006
Cheatham Annex
Bhate Project No. 9030080

Appendix B Photographic Log

Photo #88
Track excavator on top of stock pile.

Photo #89
Stock pile.

Photo #90
Tree marked at south end of tube.

Photo #91
Road coming down to site.

Photo #92
Laser Level use on site .

Photo #93
Track excavator moving soil.

Photographs Taken August 1-3, 2006
Cheatham Annex
Bhate Project No. 9030080

Appendix B Photographic Log

Photo #94
Track excavator moving soil.

Photo #95
Beach south to north

Photo #96
Beach east to west

Photo #97
Beach west side trash on hill.

Photo #98
Beach trash to be removed.

Photo #99
Trash in side of hill.

Photographs Taken August 1-3, 2006
Cheatham Annex
Bhate Project No. 9030080

Appendix B Photographic Log

Photo #100
Trash on the beach from dump pit at south end of the hill.

Photo #101
Beach center marker stake for tube.

Photo #102
Jeff Dickson checking silt fence at end of day around soil stock pile.

Appendix B Photographic Log

Photo #103
Site set up of for sifting.

Photo #104
Team checking set P before starting.

Photo #105
Road block on chase road.

Photo #108
View of site from dog house.

Photo #107
Site set up of sifting.

Photographs Taken August 4, 2006
Cheatham Annex
Bhate Project No. 9030080

Appendix B Photographic Log

Photo #109
Excavator moving scrap in roll off.

Photo #110
Medium pile.

Photo #111
Full roll off being moved up the hill.

Photo #112
Scrap from large roll off to be checked for UXO.

Photo #113
Items found in the scrap.

Photo #114
Excavator loading sifter.

Photographs Taken August 7, 2006
Cheatham Annex
Bhate Project No. 9030080

Appendix B Photographic Log

Photo #115
Items from under 2”-over 1” screen. Medium Pile.

Photo #116
Scrape from above 2” screen.

Photo #117
Large scrap and some scrap from the middle pile.

Photo #118
Medium pile.

Photo #119
Sifting operation.

Photo #120
Sifting operation.

Photographs Taken August 7, 2006
Cheatham Annex
Bhate Project No. 9030080

Appendix B Photographic Log

Photo #121
Medium pile.

Photo #122
Large scrap.

Photo #125
Medium pile.

Photo #129
Excavator loading sifter.

Photo #131
Large scrap being dumped on the ground.

Photo #132
Track loader.

Photographs Taken August 7, 2006
Cheatham Annex
Bhate Project No. 9030080

Appendix B Photographic Log

Photo #136
Dog house with UXO tech.

Photo #137
Moving of fine pile.

Photo #138
Large pile.

APPENDIX C

DAILY LOGS AND REPORTS

DAILY OPERATIONS SUMMARY

DATE: 7 / 17 / 06

SITE / LOCATION: CAX IR SITE 7-N
SUXSO: Earl DENNIS

1. WORK SUMMARY

a. Work Accomplished:

	Number Completed	Total Remaining
(1) Survey (Surface sweep)	2 (Upland & shoreline)	
(2) Preparation		
(3) Mag & Flag		
(4) Geophysical		
(5) Intrusive		
(6) Quality Control		
(7) Quality Assurance		

b. Discrepancies: _____

c. Inspection Results:

	Pass	Fail
(1) Quality Control		
(2) Quality Assurance		
(3) Safety		

2. INSTRUCTIONS RECEIVED FROM CUSTOMER REPRESENTATIVE: _____

3. UXO SUMMARY

a. UXO Located: None

Type:	Quantity:	Live/Prac.:	Remarks:

b. **Demolition Supplies Expended:** None

Type:	Quantity:	Remarks:

c. **Scrap Generation / Deposition:** None

Type:	Quantity:	Weight:	Remarks:

4. **Utilization**

   a. **Daily Man-hours:**

Labor Category:	Task #:	M/H Used Today:	M/H Remaining:	% M/H Remaining:	Remarks:
Project Manager					
SUXOS		8			
UXO Tech. III		8			
UXO Tech. II					
UXO Tech. I		8			
Laborer (2)		16			
UXOSO					
UXOQCS					
Admin Personnel					
Visitor					
Supv		8			
Equip operator		8			
Sub-Contractor Personnel (List by Category)					
Work Stoppage: (List by time and Reason)					

b. Daily Equipment:

Description:	Task:	Hours Used:	Hours Remaining:	% Hours Remaining:	Remarks:
Schonstedt					
Geophysical					
Truck (Heavy)					
Truck (Light) (2)		16			
Radio, Base					
Radio, Handheld					
Backhoe					Needs repairs (track, boom)
Front-end Loader					
Rental Car					
GPS					
Weedeater					
Chainsaw		4			broken/replaced
Chipper					
Excavator		8			

5. Weather: Hot (90°+), humid, sunny.

Wind:

Rain:

Lightning:

Cloud Cover: <5%, distant.

6. Changes to the Work Plan SSHP, or New Policies or Procedures:

7. Injuries and/or Illnesses:

8. Operational Remarks:

Today first day for UXO pers. Badges obtained from PASS/ID office. General site work procedures discussed.

9. Signature / Date:

E.A. Damin

SUXOS / Project Manager

Carl Dyas, Earth Tech

Date: 7/17/06

7/17/06

Bhate Environmental Associates, Inc.

SAFETY MEETING/TRAINING RECORD

DATE: 7/17/2006 **TIME:** 0915 AM PM

LOCATION/SITE: Cheatham Annex

1. Reason for Meeting/Training: (Check all that apply)	
	Daily Safety Meeting/Training
X	Initial Site Safety Meeting/Training
	New Task Briefing
	Periodic Safety Meeting/Training
X	New Site Procedures
X	New Site Information
	Periodic Review of Site Information
	Other (Explain):

2. Personnel Attending Meeting/Training:

Name	Signature	Company
Tim King	Tim King	Bhate
JOANNA BUCKNAM	[illegible]	E/BHATE
Shannon Tother	[illegible]	Earth Tech
Jack Moore	[illegible]	Earth Tech
Carl Duffell	[illegible]	Earth Tech
Earl Stout	[illegible]	ET
Charles Guenther	[illegible]	
STEVEN R. SZURA	[illegible]	ET

Bhate Environmental Associates, Inc.

Safety Meeting/Training Record Con't:

3. Topics Covered (Check all that apply)

X	Site Safety Personnel		Decontamination Procedures
X	Site/Work Area Description	X	Emergency Response Plan
X	Site Characterization	X	Hazard Communities
X	Biological Hazard(s)	X	On-Site Emergency
	Chemical Hazard(s)	X	On-Site Injuries/Illnesses
X	Physical Hazard(s)	X	Evacuation Procedures
X	Heat Stress	X	Rally Point(s)
	Cold Stress	X	Emergency Communication
X	Site Control	X	Directions to Medical Facility
	Work and Support Zones	X	Drug and Alcohol Policies
X	PPE	X	Medical Monitoring Program
	Air monitoring		Specific Task Training
X	Safe Work Practices		Confined Spaces
	Engineering Controls and Equipment	X	Heavy Equipment
	Spill Containment Procedures		Other: (Specify)

4. Remarks:

5. Verification:

I certify that the personnel listed above on this record received the Information and/or Training described as indicated. Personnel not attending this meeting/training will receive said information/training prior to commencing their assigned duties.

UXO Safety Officer

Date: 7/17/06

SAFETY INSPECTION REPORT

BHATE ENVIRONMENTAL ASSOCIATES, INC.

Site / Location: Cheatham Annex

Date: 7/17/06

Type of Inspection: X Daily ____ Weekly ____ Re-Inspection ____ Other

Type of Operation Inspected: Site Setup + Preparation

Equipment Inspected: (Specify if Safety or Operational in Nature)
Safety equipment, PPE

Comments:
Short equipment Noted Other Being Service

Deficiencies Found or Noted:
Short Burn kit + BBP Fire extinguishers Need Service

Corrective Action:

Re-Inspection Required: X Yes ____ No

If Yes, Date of Re-Inspection: ___/___/___

Signature: _____
Site Safety Officer

_____
SUXOS / Project Manager

* Copy to Supervisor if Deficiencies or Corrective Action were found, noted or deemed necessary.

EARTH TECH DAILY SAFETY MEETING

DATE: 7/17/06	TIME: 0700	CLIENT: Bhate
SPECIFIC LOCATION: CAX Site 7N, Yorktown, Va		JOB #: 86194

SAFETY TOPICS PRESENTED

***Inspect equipment & tools before use, then operate equipment & tools properly.*
** Fill out equipment safety sheet daily

PROTECTIVE CLOTHING/EQUIPMENT: Level D, gloves, hard hat & safety glasses

CHEMICAL HAZARDS: N/A

PHYSICAL HAZARDS: slips, trips & falls, equipment safety (**safety vests**), Heat stress, weather/storms, water safety at beach, snakes, bees, ticks & Spiders

HOSPITAL/CLINIC:
Sentara Williamsburg Community Hospital
301 Monticello Avenue
Williamsburg VA 23185

PH # (757) 259-6000

****Should you spot anything out of the ordinary inform the site supervisor immediately!!!!**

****Report all near misses & all accidents to me immediately!!!***

OTHER: - ***Report any unsafe jobsite conditions ASAP!!***

SPECIAL EQUIPMENT:

*****Don't discuss this project* with ***anyone***, refer them to the Bhate rep.

ATTENDEES:

- Print	- Sign
Eric Stout	
Steven R. Szura	
Charles Gverther	
[illegible] R Dickson	
Tim King	
[illegible]	
Joanna Bucknam	
Shannon Tothow	

Meeting Conducted By:

* HoS Plan
* cut up trees
* load rolloffs?
* support UXO

Bhate Environmental Associates, Inc.

TAILGATE SAFETY BRIEFING

Date: 7/17/06 **Location:** CAX

Time: 0930 **AM PM** **Team #:** _____

1. Reason for Briefing:

X	Daily Safety Briefing		New Site Procedure
X	Initial Safety Briefing		New Site Information
	New Task Briefing		Review of Site Information
	Periodic Safety Meeting		Other: (Specify)

2. Personnel Attending:

Name	Signature	Position
Carl Duffey	[signature]	SUPV
STEVEN R. SZURA	[signature]	TECH
JUANNA BUCKNAM	[signature]	TECH
[illegible]	[illegible]	ET
Eric Stout	[illegible]	E
Charles Guenther	[signature]	Tech

Briefing Given By:

3. Topics: (Check All That Apply)

✓	Site Safety Personnel	✓	Decontamination Procedures
✓	Site/Work Area Description	✓	Emergency Response/Equipment
✓	Physical Hazards	✓	On-Site Injuries/Illnesses
✓	Chemical/Biological Hazards	✓	Reporting Procedures
✓	Heat/Cold Stress	✓	Directions to Medical Facility
✓	Work/Support Zones	✓	Drug and Alcohol Policies
✓	PPE	✓	Medical Monitoring
✓	Safe Work Practices	✓	Evacuation/Egress Procedures
✓	Air Monitoring	✓	Communications
✓	Task Being Performed	✓	Confined Spaces
✓	OE Precautions	✓	Other:

4. Remarks:

DAILY OPERATIONS SUMMARY

DATE: 7/18/06 PAGE 1 OF 6 PAGES

SITE / LOCATION: Cax IR Site 7-N
SUXSO: Earl Dennis

1. WORK SUMMARY

a. Work Accomplished:

	Number Completed	Total Remaining
(1) Survey		
→ (2) Preparation		
(3) Mag & Flag		
(4) Geophysical		
(5) Intrusive		
(6) Quality Control		
(7) Quality Assurance		

b. Discrepancies: _____

c. Inspection Results:

	Pass	Fail
(1) Quality Control	✓	
(2) Quality Assurance		
(3) Safety	✓	

2. INSTRUCTIONS RECEIVED FROM CUSTOMER REPRESENTATIVE: _____

3. UXO SUMMARY NTR

a. UXO Located:

Type:	Quantity:	Live/Prac.:	Remarks:

b. Demolition Supplies Expended: None

Type:	Quantity:	Remarks:

c. Scrap Generation / Deposition:

Type:	Quantity:	Weight:	Remarks:
MEC	2	4	lifting Lug

4. **Utilization**

   a. **Daily Man-hours:**

Labor Category:	Task #:	M/H Used Today:	M/H Remaining:	% M/H Remaining:	Remarks:
Project Manager					
SUXOS		8			
UXO Tech. III		8			
UXO Tech. II					
UXO Tech. I		8			
Laborer	2	18			
UXOSO					
UXOQCS					
Admin Personnel					
Visitor					
Supervisor		9			
Equipment Operator		9			
Sub-Contractor Personnel (List by Category)					
Work Stoppage: (List by time and Reason)					

b. Daily Equipment:

Description:	Task:	Hours Used:	Hours Remaining:	% Hours Remaining:	Remarks:
Schonstedt					
Geophysical					
Truck (Heavy)					
Truck (Light)					
Radio, Base					
Radio, Handheld	10	8			
Backhoe					
Front-end Loader					
Rental Car					
GPS					
Weedeater					
Chainsaw		8			
Chipper					
Excavator		8			

5. Weather:

Wind: Light breeze.

Rain: None

Lightning: None

Cloud Cover: Very light, distant.

6. Changes to the Work Plan SSHP, or New Policies or Procedures:

7. Injuries and/or Illnesses:

8. Operational Remarks:

Substantial tree clearance.

9. Signature / Date:

E.A. Demirel
SUXOS / Project Manager

Date: 7 / 18 / 06

Carl Duffey / Carl Duffey
Site Superviser

7/18/06

Bhate Environmental Associates, Inc.

SAFETY MEETING/TRAINING RECORD

DATE: 7/18/06 **TIME:** 7:00 AM PM

LOCATION/SITE: Cheatham Annex Site 7

1. Reason for Meeting/Training: (Check all that apply)

X	**Daily Safety Meeting/Training**
	Initial Site Safety Meeting/Training
	New Task Briefing
	Periodic Safety Meeting/Training
	New Site Procedures
	New Site Information
	Periodic Review of Site Information
	Other (Explain):

2. Personnel Attending Meeting/Training:

Name	Signature	Company
Steven R. Szwap		E.I.
Charles Gaether		ET
Eric Stout		ET
Shannon Tuttle		ET
Earl Dennis		E.I.
Joanna Buckram		ET
Carl Duffey		ET

Bhate Environmental Associates, Inc.

Safety Meeting/Training Record Con't:

3. Topics Covered (Check all that apply)

X	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description	X	Emergency Response Plan
	Site Characterization		Hazard Communities
X	Biological Hazard(s)	X	On-Site Emergency
	Chemical Hazard(s)	X	On-Site Injuries/Illnesses
X	Physical Hazard(s)		Evacuation Procedures
X	Heat Stress	X	Rally Point(s)
	Cold Stress		Emergency Communication
X	Site Control		Directions to Medical Facility
	Work and Support Zones		Drug and Alcohol Policies
X	PPE		Medical Monitoring Program
	Air monitoring		Specific Task Training
X	Safe Work Practices		Confined Spaces
	Engineering Controls and Equipment	X	Heavy Equipment
	Spill Containment Procedures		Other: (Specify)

4. Remarks:

5. Verification:

I certify that the personnel listed above on this record received the Information and/or Training described as indicated. Personnel not attending this meeting/training will receive said information/training prior to commencing their assigned duties.

UXO Safety Officer

Date: 7/14/06

SAFETY INSPECTION REPORT

BHATE ENVIRONMENTAL ASSOCIATES, INC.

Site / Location: Cheatham Annex

Date: 7/18/06

Type of Inspection: X Daily ____ Weekly ____ Re-Inspection ____ Other

Type of Operation Inspected: Site Preparation

Equipment Inspected: (Specify if Safety or Operational in Nature)
Fire extinguishers

Comments:

Deficiencies Found or Noted:

Corrective Action:
Fire extinguisher Service By ABC

Re-Inspection Required: ____ Yes X No

If Yes, Date of Re-Inspection: ___/___/___

Signature: _____
Site Safety Officer

_____
SUXOS / Project Manager

* Copy to Supervisor if Deficiencies or Corrective Action were found, noted or deemed necessary.

EARTH TECH DAILY SAFETY MEETING

DATE: 7-18-06	TIME: 0700	CLIENT: Bhate
SPECIFIC LOCATION: CAX Site 7N, Yorktown, Va		JOB #: 86194

SAFETY TOPICS PRESENTED

***Inspect equipment & tools before use*, then operate equipment & tools properly.**
** Fill out equipment safety sheet daily

PROTECTIVE CLOTHING/EQUIPMENT: Level D, gloves, hard hat & safety glasses

CHEMICAL HAZARDS: N/A

PHYSICAL HAZARDS: slips, trips & falls, equipment safety (**safety vests**), Heat stress, weather/storms, water safety at beach, snakes, bees, ticks & Spiders

HOSPITAL/CLINIC:
Sentara Williamsburg Community Hospital
301 Monticello Avenue
Williamsburg VA 23185

PH # (757) 259-6000

****Should you spot anything out of the ordinary inform the site supervisor immediately!!!!**

Report all near misses & all accidents to me immediately!!!

OTHER: - ***Report any unsafe jobsite conditions ASAP!!***

SPECIAL EQUIPMENT:

****Don't discuss this project** with **anyone**, refer them to the Bhate rep.

ATTENDEES:

- Print	- Sign
Charles Gwenther	
Steven R. Szuca	
Eric Stout	
Shawn Tuttle	
JOANNA BUCKNAM	
Carl Duffey	
James Ratcliff	

Meeting Conducted By:

Bhate Environmental Associates, Inc.

TAILGATE SAFETY BRIEFING

Date: 7/18/06 **Location:** Cheatham Annex Site 7

Time: 0700 AM/PM **Team #:** _____

1. Reason for Briefing:

X	Daily Safety Briefing		New Site Procedure
	Initial Safety Briefing		New Site Information
	New Task Briefing		Review of Site Information
	Periodic Safety Meeting		Other: (Specify)

2. Personnel Attending:

Name	Signature	Position
Charles Gruenther	[signature]	Tech
Steve R. Szura	[signature]	Tech
Eric Stout	[signature]	OPER.
Shannon Tolford	[signature]	ET
JOANNA BUCKNAM	[signature]	ET
Carl Duffey	[signature]	ET
Tim King	[signature]	Bhate
JAMES RATCLIFF	[signature]	BHATE

Briefing Given By: E. A. D[illegible]

3. Topics: (Check All That Apply)

X	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description	X	Emergency Response/Equipment
	Physical Hazards	X	On-Site Injuries/Illnesses
	Chemical/Biological Hazards		Reporting Procedures
X	Heat/Cold Stress		Directions to Medical Facility
	Work/Support Zones		Drug and Alcohol Policies
X	PPE		Medical Monitoring
	Safe Work Practices		Evacuation/Egress Procedures
	Air Monitoring	X	Communications
	Task Being Performed		Confined Spaces
	OE Precautions		Other:

4. Remarks: RADIOS BY TODAY

BHATE ENVIRONMENTAL ASSOCIATES, INC. ANOMALY DIG SHEET

Site Location:	Date:	Name:	Signature
CAX 7-N	7/18/06	Earl DENNIS	E.O. Dennis

Easting	Northing	Anomaly ID	QTY	Item Description	Depth	UXO
			2	Projo lifting Lugs 25" DIA	Surface	NO

REMARKS

Note: Record delta from marked target location in feet east and north.

DAILY OPERATIONS SUMMARY

DATE: 7/19/06

SITE / LOCATION: Cax IR Site 7-N
SUXSO: Earl Dennis

1. WORK SUMMARY

a. Work Accomplished:	Number Completed	Total Remaining
(1) Survey		
→ (2) Preparation		
(3) Mag & Flag		
(4) Geophysical		
(5) Intrusive		
(6) Quality Control		
(7) Quality Assurance		

b. Discrepancies: _____

c. Inspection Results:	Pass	Fail
(1) Quality Control	✓	
(2) Quality Assurance		
(3) Safety	✓	

2. INSTRUCTIONS RECEIVED FROM CUSTOMER REPRESENTATIVE: _____

3. UXO SUMMARY

a. UXO Located: NTR

Type:	Quantity:	Live/Prac.:	Remarks:

b. **Demolition Supplies Expended:** NTR

Type:	Quantity:	Remarks:

c. **Scrap Generation / Deposition:** NTR

Type:	Quantity:	Weight:	Remarks:
MEC	7	14	lifting lugs

4. **Utilization**

   a. **Daily Man-hours:**

Labor Category:	Task #:	M/H Used Today:	M/H Remaining:	% M/H Remaining:	Remarks:
Project Manager					
SUXOS		8			
UXO Tech. III		8			
UXO Tech. II					
UXO Tech. I		8			
Laborer	2	20			
UXOSO					
UXOQCS					
Admin Personnel					
Visitor					
Supervisor		10			
Equipment Operator		10			
Sub-Contractor Personnel (List by Category)					
Work Stoppage: (List by time and Reason)					

b. Daily Equipment:

Description:	Task:	Hours Used:	Hours Remaining:	% Hours Remaining:	Remarks:
Schonstedt	Cal/train	2			
Geophysical					
Truck (Heavy)					
Truck (Light)	2	20			
Radio, Base					
Radio, Handheld	10	90			
Backhoe					
Front-end Loader					
Rental Car					
GPS					
Weedeater					
Chainsaw		8			
Chipper					
Excavator		8			

5. Weather: 80's, Humid
Wind: Light breeze PM
Rain: None
Lightning: "
Cloud Cover: Gathering storm clouds throughout day.

6. Changes to the Work Plan SSHP, or New Policies or Procedures:

7. Injuries and/or Illnesses:

8. Operational Remarks:

Have collected 7-projectile (8"?) lifting lugs to date from degrading bank (SEE ANOMALY DIG SHEET DATED 7/19/06).

9. Signature / Date:

E.A. [illegible]

SUXOS / Project Manager

Date: 7/19/06

Carl [illegible]

Site Supr

7/19/06

Bhate Environmental Associates, Inc.

SAFETY MEETING/TRAINING RECORD

DATE: 7/19/06 **TIME:** 700 AM PM

LOCATION/SITE: Chrah Tham Annex Site 7

1. Reason for Meeting/Training: (Check all that apply)

X	**Daily Safety Meeting/Training**
	Initial Site Safety Meeting/Training
	New Task Briefing
	Periodic Safety Meeting/Training
	New Site Procedures
	New Site Information
	Periodic Review of Site Information
	Other (Explain):

2. Personnel Attending Meeting/Training:

Name	Signature	Company
Carl Duffey		ET
Eric Stout		ET
Steven R. Szura		ET
Charles Gwather		ET
Shannon Kitten		ET
Joanna Bucknam		ET
Tim King		Bhate

Bhate Environmental Associates, Inc.

Safety Meeting/Training Record Con't:

3. Topics Covered (Check all that apply)

X	Site Safety Personnel		Decontamination Procedures
X	Site/Work Area Description	X	Emergency Response Plan
	Site Characterization		Hazard Communities
X	Biological Hazard(s)	X	On-Site Emergency
	Chemical Hazard(s)	X	On-Site Injuries/Illnesses
X	Physical Hazard(s)	X	Evacuation Procedures
X	Heat Stress	X	Rally Point(s)
	Cold Stress		Emergency Communication
X	Site Control		Directions to Medical Facility
	Work and Support Zones		Drug and Alcohol Policies
X	PPE		Medical Monitoring Program
	Air monitoring		Specific Task Training
X	Safe Work Practices		Confined Spaces
	Engineering Controls and Equipment	X	Heavy Equipment
	Spill Containment Procedures		Other: (Specify)

4. Remarks:

5. Verification:

I certify that the personnel listed above on this record received the Information and/or Training described as indicated. Personnel not attending this meeting/training will receive said information/training prior to commencing their assigned duties.

UXO Safety Officer

Date: 7/19/06

SAFETY INSPECTION REPORT

BHATE ENVIRONMENTAL ASSOCIATES, INC.

Site / Location: Chratham Annex Date: 7/19/06

Type of Inspection: X Daily ____ Weekly ____ Re-Inspection ____ Other

Type of Operation Inspected: Check Safety equipment, Visitors

Equipment Inspected: (Specify if Safety or Operational in Nature)
First Aid, Burn, BBP, Fire extgsh.

Comments:
all good + in Place

Deficiencies Found or Noted:

Corrective Action:

Re-Inspection Required: ____ Yes X No If Yes, Date of Re-Inspection: ___/___/___

Signature: Site Safety Officer

SUXOS / Project Manager

* Copy to Supervisor if Deficiencies or Corrective Action were found, noted or deemed necessary.

EARTH TECH DAILY SAFETY MEETING

DATE: 7-19-06	TIME: 700	CLIENT: Bhate
SPECIFIC LOCATION: CAX Site 7N, Yorktown, Va		JOB #: 86194

SAFETY TOPICS PRESENTED

***Inspect equipment & tools before use*, then operate equipment & tools properly.**
** Fill out equipment safety sheet daily

PROTECTIVE CLOTHING/EQUIPMENT: Level D, gloves, hard hat & safety glasses

CHEMICAL HAZARDS: N/A

PHYSICAL HAZARDS: slips, trips & falls, equipment safety (**safety vests**), Heat stress, weather/storms, water safety at beach, snakes, bees, ticks & Spiders

HOSPITAL/CLINIC:
Sentara Williamsburg Community Hospital
301 Monticello Avenue
Williamsburg VA 23185

PH # (757) 259-6000

****Should you spot anything out of the ordinary inform the site supervisor immediately!!!!**

Report all near misses & all accidents to me immediately!!!

OTHER: - ***Report any unsafe jobsite conditions ASAP!!***

SPECIAL EQUIPMENT:

*****Don't discuss this project* with *anyone*, refer them to the Bhate rep.

ATTENDEES:

- Print	- Sign
Eric Shut	Eric Shut
Carl Duffey	Carl Duffey
Steven R. Szura	Steven R. Szura
Chuck [illegible]	Charles Guenther
Shannon Tolliver	[illegible]
Joanna Bucknam	[illegible]
Earl Dennis	Earl Dennis
Tim King	Tim King

Meeting Conducted By:

Bhate Environmental Associates, Inc.

TAILGATE SAFETY BRIEFING

Date: 7/19/06 **Location:** Chatham Annex

Time: 700 AM PM **Team #:** _____

1. Reason for Briefing:

X	Daily Safety Briefing		New Site Procedure
	Initial Safety Briefing		New Site Information
	New Task Briefing		Review of Site Information
	Periodic Safety Meeting		Other: (Specify)

2. Personnel Attending:

Name	Signature	Position
Eric Stut		OPER.
Carl Duffey		Site Supv
Steven R. Szura		Env. Tech
Charles Greenhar		Env Tech
Shannon Tolen		ET
Joanna Buckham		ET
Tim King		Bhate

Briefing Given By: Earl DENNIS

3. Topics: (Check All That Apply)

✓	Site Safety Personnel		Decontamination Procedures
✓	Site/Work Area Description	✓	Emergency Response/Equipment
✓	Physical Hazards	✓	On-Site Injuries/Illnesses
	Chemical/Biological Hazards		Reporting Procedures
✓	Heat/Cold Stress	✓	Directions to Medical Facility
	Work/Support Zones		Drug and Alcohol Policies
✓	PPE		Medical Monitoring
✓	Safe Work Practices		Evacuation/Egress Procedures
	Air Monitoring	✓	Communications
✓	Task Being Performed		Confined Spaces
✓	OE Precautions		Other:

4. Remarks:

BHATE ENVIRONMENTAL ASSOCIATES, INC. ANOMALY DIG SHEET

Site Location:	Date:	Name:	Signature
CAX 7-N	7/19/06	Earl DENNIS	[illegible]

Easting	Northing	Anomaly ID	QTY	Item Description	Depth	UXO
			7	Proj 105mm lugs 5-1" & 2" D/H	Surface	NO

REMARKS

Note: Record delta from marked target location in feet east and north.

DAILY OPERATIONS SUMMARY

DATE: 7/20/06 PAGE 1 OF 6 PAGES

SITE / LOCATION: Cox IR Site 7-N
SUXSO: Earl Dennis

1. WORK SUMMARY

a. Work Accomplished:	Number Completed	Total Remaining
(1) Survey		
→ (2) Preparation		
(3) Mag & Flag		
(4) Geophysical		
(5) Intrusive		
(6) Quality Control		
(7) Quality Assurance		

b. Discrepancies: _____

c. Inspection Results:	Pass	Fail
(1) Quality Control	✓	
(2) Quality Assurance		
(3) Safety	✓	

2. INSTRUCTIONS RECEIVED FROM CUSTOMER REPRESENTATIVE: _____

3. UXO SUMMARY

a. UXO Located: NTR

Type:	Quantity:	Live/Prac.:	Remarks:

b. Demolition Supplies Expended: NTR

Type:	Quantity:	Remarks:

c. Scrap Generation / Deposition:

Type:	Quantity:	Weight:	Remarks:
~~Fence posts w/cement~~	~~5~~	~~600#~~	
~~ASSORTED METALPIPE~~	~~500 pieces~~		
NON MEC SCRAP		TBD	
cable			FILL APPROX 1/4 OF 30 YD BIN
wire			
pipe			
tires			
concrete			
R/R RAILS			
CHAIN LINK FENCE	@ 20/12' L	TBD	
METAL FENCE POSTS	12		
MEC	2	6	Fuze adaptors

4. **Utilization**

   a. **Daily Man-hours:**

Labor Category:	Task #:	M/H Used Today:	M/H Remaining:	% M/H Remaining:	Remarks:
Project Manager					
SUXOS		8			
UXO Tech. III		8			
UXO Tech. II					
UXO Tech. I		8			
Laborer					
UXOSO					
UXOQCS					
Admin Personnel					
Visitor					
Supervisor					
Equipment Operator					
Sub-Contractor Personnel (List by Category)					
Work Stoppage: (List by time and Reason)					

b. Daily Equipment:

Description:	Task:	Hours Used:	Hours Remaining:	% Hours Remaining:	Remarks:
Schonstedt	CALTRANS	2			
Geophysical					
Truck (Heavy)					
Truck (Light)					
Radio, Base					
Radio, Handheld					
Backhoe					
Front-end Loader					
Rental Car					
GPS					
Weedeater					
Chainsaw					
Chipper					
Excavator					

5. Weather: 80'S, HUMID
Wind: LIGHT BREEZE
Rain: NONE
Lightning: NONE
Cloud Cover: 50%

6. Changes to the Work Plan SSHP, or New Policies or Procedures:

7. Injuries and/or Illnesses:

8. Operational Remarks:

9. Signature / Date:

E. O. Dami

SUXOS / Project Manager

Date: 7/20/06

Bhate Environmental Associates, Inc.

SAFETY MEETING/TRAINING RECORD

DATE: 7/20/06 **TIME:** 700 AM PM

LOCATION/SITE: Cheatham Annex

1. Reason for Meeting/Training: (Check all that apply)

X	**Daily Safety Meeting/Training**
	Initial Site Safety Meeting/Training
	New Task Briefing
	Periodic Safety Meeting/Training
	New Site Procedures
	New Site Information
	Periodic Review of Site Information
	Other (Explain):

2. Personnel Attending Meeting/Training:

Name	Signature	Company
Carl Duffey		ET
Steven R. Sayed		ET
Eric Stout		ET
Charles Gventher		ET
Joanna Buckham		ET
Earl DENNIS		ET
Shannon Tatter		ET
Tim King		Bhate
Jeff [illegible]		Bhate

Bhate Environmental Associates, Inc.

Safety Meeting/Training Record Con't:

3. Topics Covered (Check all that apply)

X	Site Safety Personnel		Decontamination Procedures
X	Site/Work Area Description	X	Emergency Response Plan
	Site Characterization		Hazard Communities
X	Biological Hazard(s)	X	On-Site Emergency
	Chemical Hazard(s)	X	On-Site Injuries/Illnesses
X	Physical Hazard(s)	X	Evacuation Procedures
X	Heat Stress	X	Rally Point(s)
	Cold Stress	X	Emergency Communication
X	Site Control		Directions to Medical Facility
	Work and Support Zones		Drug and Alcohol Policies
X	PPE		Medical Monitoring Program
	Air monitoring		Specific Task Training
X	Safe Work Practices		Confined Spaces
	Engineering Controls and Equipment	X	Heavy Equipment
	Spill Containment Procedures		Other: (Specify)

4. Remarks:

5. Verification:

I certify that the personnel listed above on this record received the Information and/or Training described as indicated. Personnel not attending this meeting/training will receive said information/training prior to commencing their assigned duties.

UXO Safety Officer

Date: 7/20/06

SAFETY INSPECTION REPORT

BHATE ENVIRONMENTAL ASSOCIATES, INC.

Site / Location: Cheatham Annex

Date: 7/20/06

Type of Inspection: X Daily ____ Weekly ____ Re-Inspection ____ Other

Type of Operation Inspected:
Check Site, Check Scrap + Team

Equipment Inspected: (Specify if Safety or Operational in Nature)
Check Scrap + MEC Scrap

Comments:
all Scrap Clear of explosive + Team Working Safely.

Deficiencies Found or Noted:

Corrective Action:

Re-Inspection Required: ____ Yes X No

If Yes, Date of Re-Inspection: ___/___/___

Signature: _____
Site Safety Officer

_____
SUXOS / Project Manager

* Copy to Supervisor if Deficiencies or Corrective Action were found, noted or deemed necessary.

EARTH TECH DAILY SAFETY MEETING

DATE: 7-20-06	TIME: 0700	CLIENT: Bhate
SPECIFIC LOCATION: CAX Site 7N, Yorktown, Va		JOB #: 86194

SAFETY TOPICS PRESENTED

Inspect equipment & tools before use, then operate equipment & tools properly.
** Fill out equipment safety sheet daily

PROTECTIVE CLOTHING/EQUIPMENT: Level D, gloves, hard hat & safety glasses

CHEMICAL HAZARDS: N/A

PHYSICAL HAZARDS: slips, trips & falls, equipment safety (**safety vests**), Heat stress, weather/storms, water safety at beach, snakes, bees, ticks & Spiders

HOSPITAL/CLINIC:
Sentara Williamsburg Community Hospital
301 Monticello Avenue
Williamsburg VA 23185

PH # (757) 259-6000

Should you spot anything out of the ordinary inform the site supervisor immediately!!!!

Report all near misses & all accidents to me immediately!!!

OTHER: - ***Report any unsafe jobsite conditions ASAP!!***

SPECIAL EQUIPMENT:

****Don't discuss this project** with **anyone**, refer them to the Bhate rep.

ATTENDEES:

- Print	- Sign
Carl Duffey	
Steven R. Szura	
Eric Stout	
Chris Stout	Charles Guenther
Damabuckham	
Shannon Totten	
Earl Dennis	
Jeff Dickson	

Meeting Conducted By:

Bhate Environmental Associates, Inc.

TAILGATE SAFETY BRIEFING

Date: 7/20/06 **Location:** Cheatham Annex

Time: 700 AM PM **Team #:** _____

1. Reason for Briefing:

X	Daily Safety Briefing		New Site Procedure
	Initial Safety Briefing		New Site Information
	New Task Briefing		Review of Site Information
	Periodic Safety Meeting		Other: (Specify)

2. Personnel Attending:

Name	Signature	Position
Carl Duffey		SupU
Steven R Szuna		Env. Tech
Eric Stout		OPER.
Charles Guenther		Tech
Joanna Buckanan		TECH
Shannon Tipton		ET
Earl DENNIS		SUXOS
Tim King		Bhate

Briefing Given By: Jeff Dicks Bhate

3. Topics: (Check All That Apply)

X	Site Safety Personnel		Decontamination Procedures
X	Site/Work Area Description	X	Emergency Response/Equipment
X	Physical Hazards	X	On-Site Injuries/Illnesses
	Chemical/Biological Hazards	X	Reporting Procedures
X	Heat/Cold Stress	X	Directions to Medical Facility
	Work/Support Zones		Drug and Alcohol Policies
X	PPE		Medical Monitoring
X	Safe Work Practices	X	Evacuation/Egress Procedures
	Air Monitoring	X	Communications
	Task Being Performed		Confined Spaces
X	OE Precautions		Other:

4. Remarks:

BHATE ENVIRONMENTAL ASSOCIATES, INC. ANOMALY DIG SHEET

Site Location:	Date:	Name:	Signature
CAX 7-N	7/20/06	Earl DENNIS	E.A.D

Easting	Northing	Anomaly ID	QTY	Item Description	Depth	UXO
			2	Fuze adapters ~~2 1/2 DIA~~ 2 1/2" DIA	Surface	No

REMARKS

Note: Record delta from marked target location in feet east and north.

DAILY OPERATIONS SUMMARY

DATE: 7 / 21 / Ø6

SITE / LOCATION: Cax IR Site 7-N
SUXSO: Earl Dennis

1. **WORK SUMMARY**

a. **Work Accomplished:**

	Number Completed	Total Remaining
(1) Survey		
(2) Preparation		
(3) Mag & Flag transects	@5% (BLUE COMPLETE)	@40% YELLOW
(4) Geophysical		
(5) Intrusive		
(6) Quality Control		
(7) Quality Assurance		

b. **Discrepancies:**

c. **Inspection Results:**

	Pass	Fail
(1) Quality Control	✓	
(2) Quality Assurance		
(3) Safety	✓	

2. **INSTRUCTIONS RECEIVED FROM CUSTOMER REPRESENTATIVE:**

3. **UXO SUMMARY**

a. **UXO Located:** NTR

Type:	Quantity:	Live/Prac.:	Remarks:

b. Demolition Supplies Expended: NTR

Type:	Quantity:	Remarks:

c. Scrap Generation / Deposition:

Type:	Quantity:	Weight:	Remarks:
NON-MEC SCRAP		TBD	
cable	300 ft?		
wire			
pipe			
MEC	3	8	1 lifting lug

4. **Utilization**

   a. **Daily Man-hours:**

Labor Category:	Task #:	M/H Used Today:	M/H Remaining:	% M/H Remaining:	Remarks:
Project Manager					
SUXOS		8			
UXO Tech. III		8			
UXO Tech. II					
UXO Tech. I		8			
Laborer					
UXOSO					
UXOQCS					
Admin Personnel					
Visitor					
Supervisor					
Equipment Operator					
Sub-Contractor Personnel (List by Category)					
Work Stoppage: (List by time and Reason)					

b. Daily Equipment:

Description:	Task:	Hours Used:	Hours Remaining:	% Hours Remaining:	Remarks:
Schonstedt	TRANSECTS	6			
Geophysical					
Truck (Heavy)					
Truck (Light)					
Radio, Base					
Radio, Handheld					
Backhoe					
Front-end Loader					
Rental Car					
GPS					
Weedeater					
Chainsaw					
Chipper					
Excavator					

5. Weather: 80s – VERY HUMID
Wind: MEDIUM BREEZE
Rain: NONE
Lightning: "
Cloud Cover: 95% STORM CLOUD COVER.

6. Changes to the Work Plan SSHP, or New Policies or Procedures:

7. Injuries and/or Illnesses:

8. Operational Remarks:

9. Signature / Date:

E. A. D

SUXOS / Project Manager

Date: 7/12/06

Bhate Environmental Associates, Inc.

SAFETY MEETING/TRAINING RECORD

DATE: 7/21/06 **TIME:** 700 AM PM

LOCATION/SITE: Chatham Annex

1. Reason for Meeting/Training: (Check all that apply)

X	**Daily Safety Meeting/Training**
	Initial Site Safety Meeting/Training
	New Task Briefing
	Periodic Safety Meeting/Training
	New Site Procedures
	New Site Information
	Periodic Review of Site Information
	Other (Explain):

2. Personnel Attending Meeting/Training:

Name	Signature	Company
Carl Duffey		ET
Shannon Torfen		ET
Steven R. Szura		ET
Charles Gulentler		ET
Eric Stout		ET
Earl Dennis		ET
Jeff [illegible]		[illegible]

Bhate Environmental Associates, Inc.

Safety Meeting/Training Record Con't:

3. Topics Covered (Check all that apply)

X	Site Safety Personnel		Decontamination Procedures
X	Site/Work Area Description	X	Emergency Response Plan
	Site Characterization	X	Hazard Communities
X	Biological Hazard(s)	X	On-Site Emergency
	Chemical Hazard(s)	X	On-Site Injuries/Illnesses
X	Physical Hazard(s)	X	Evacuation Procedures
X	Heat Stress	X	Rally Point(s)
	Cold Stress	X	Emergency Communication
X	Site Control	X	Directions to Medical Facility
	Work and Support Zones	X	Drug and Alcohol Policies
X	PPE		Medical Monitoring Program
	Air monitoring		Specific Task Training
X	Safe Work Practices		Confined Spaces
	Engineering Controls and Equipment	X	Heavy Equipment
	Spill Containment Procedures		Other: (Specify)

4. Remarks:

5. Verification:

I certify that the personnel listed above on this record received the Information and/or Training described as indicated. Personnel not attending this meeting/training will receive said information/training prior to commencing their assigned duties.

UXO Safety Officer

Date: 7/21/06

SAFETY INSPECTION REPORT

BHATE ENVIRONMENTAL ASSOCIATES, INC.

Site / Location: Cheatham Annex

Date: 7/21/06

Type of Inspection: X Daily X Weekly ____ Re-Inspection ____ Other

Type of Operation Inspected:

Equipment Inspected: (Specify if Safety or Operational in Nature)
Check ~~Sight~~ Site, Team; Phy For JoAnna

Comments:
Site was good, Team working safety, JoAnna Phy Done + up To Date

Deficiencies Found or Noted:

Corrective Action:

Re-Inspection Required: ____ Yes X No

If Yes, Date of Re-Inspection: ___/___/___

Signature: _____
Site Safety Officer

_____
SUXOS / Project Manager

* Copy to Supervisor if Deficiencies or Corrective Action were found, noted or deemed necessary.

EARTH TECH DAILY SAFETY MEETING		
DATE: 7-21-06	TIME: 0700	CLIENT: Bhate
SPECIFIC LOCATION: CAX Site 7N, Yorktown, Va		JOB #: 86194

SAFETY TOPICS PRESENTED

Inspect equipment & tools before use, then operate equipment & tools properly.
** Fill out equipment safety sheet daily

PROTECTIVE CLOTHING/EQUIPMENT: Level D, gloves, hard hat & safety glasses

CHEMICAL HAZARDS: N/A

PHYSICAL HAZARDS: slips, trips & falls, equipment safety (**safety vests**), Heat stress, weather/storms, water safety at beach, snakes, bees, ticks & Spiders

HOSPITAL/CLINIC:
Sentara Williamsburg Community Hospital
301 Monticello Avenue
Williamsburg VA 23185

PH # (757) 259-6000

Should you spot anything out of the ordinary inform the site supervisor immediately!!!!

Report all near misses & all accidents to me immediately!!!

OTHER: - ***Report any unsafe jobsite conditions ASAP!!***

SPECIAL EQUIPMENT:

****Don't discuss this project** with **anyone**, refer them to the Bhate rep.

ATTENDEES:

- Print	- Sign
Carl Duffey	
Shawn Tatter	
Steven R. Szura	
Earl Dennis	
Charles Gretter	
Eric Stuft	
Jeff D	

Meeting Conducted By:

Bhate Environmental Associates, Inc.

TAILGATE SAFETY BRIEFING

Date: 7/21/06 **Location:** Chratham Annex

Time: 700 (AM) PM **Team #:**

1. Reason for Briefing:

X	Daily Safety Briefing		New Site Procedure
	Initial Safety Briefing		New Site Information
	New Task Briefing		Review of Site Information
	Periodic Safety Meeting		Other: (Specify)

2. Personnel Attending:

Name	Signature	Position
Carl Duffy		Site Supv
Shannon Tatham		UXO III
Steven R. Sowa		Env. Tech
Charles Gerstler		Tech
Eric Stout		OPER.
Earl Dennis		SUXOS
Jeff T.		Bhate

Briefing Given By:

3. Topics: (Check All That Apply)

X	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description	X	Emergency Response/Equipment
X	Physical Hazards	X	On-Site Injuries/Illnesses
	Chemical/Biological Hazards		Reporting Procedures
X	Heat/Cold Stress		Directions to Medical Facility
	Work/Support Zones		Drug and Alcohol Policies
X	PPE		Medical Monitoring
X	Safe Work Practices		Evacuation/Egress Procedures
	Air Monitoring	X	Communications
X	Task Being Performed		Confined Spaces
X	OE Precautions		Other:

4. Remarks:

YELLOW TRANSECT

BHATE ENVIRONMENTAL ASSOCIATES, INC. ANOMALY DIG SHEET

Site Location:	Date:	Name:	Signature
7N, ~~BELL~~ YELLOW TRANSECT	7/21/06	Earl DENNIS	E.A. Dennis

	Easting	Northing	Anomaly ID	QTY	Item Description	Depth	UXO
1	9" L		26' 2"	1	METAL	2"	NO
2	6"X3"X2"		43' 09"	1	METAL BRACKET	16"	NO

REMARKS

Note: Record delta from marked target location in feet east and north.

BHATE ENVIRONMENTAL ASSOCIATES, INC. ANOMALY DIG SHEET

Site Location:	Date:	Name:	Signature
CAX 7-N	7/21/06	Earl DENNIS	[illegible]

Easting	Northing	Anomaly ID	QTY	Item Description	Depth	UXO
			3	PROJO LIFTING LUGS 2-2" & 1-1" DIA	SURFACE	NO

REMARKS

Note: Record delta from marked target location in feet east and north.

BLUE TRANSECT

BHATE ENVIRONMENTAL ASSOCIATES, INC. ANOMALY DIG SHEET

Site Location:	Date:	Name:	Signature
7-N, BLUE TRANSECT	7/21/06	Earl DENNIS	E.A. Dennis

	Easting	Northing	Anomaly ID	QTY	Item Description	Depth	UXO
	~~5' 7"~~		~~METAL PIPE~~	3	METAL PIPE	11"	NO
1	3'L, 1.5'L, 10"X9"	1'L	5' 7" ①				
②			~~13'~~ 13' ②	1	ENGINE PART	12"	NO
~~2~~ 3	6'X 1/2"		57' 2"	1	WIRE CABLE	1"	NO
4	1'X.5'		59' 1	1	" "	"	NO
5	2"X4"		81' 1	1	PIPE	9"	NO
6	4X6"		112'	1	RUST BLOB	"	NO
7	4X1/2"		115'	1	PIPE	6"	NO
8	4X4"		117'	1	"	4"	NO
9	6X1/2"		134'	1	WIRE CABLE	2"	NO
10	2X3"		139'	1	RUST BLOB	SFC	NO
11	11"X10"X6"		146'	~~2~~ 1	RUST BLOB	SFC	NO
	8.5"X10X4.5"		"	1	" "		
12	10X4X3"		151'	1	RUST BLOB	2"	NO
13	VARIOUS		156'	~~MANY~~ VARIOUS	METAL, MELTED PIPE	10"	NO
13	21"X1"		163'	1	"	SFC	NO
14	4X3"		174'	1	"	"	NO
15	15X1.5"						

REMARKS

Start 144' to 160' = burn pit metalic debris

Note: Record delta from marked target location in feet east and north.

DAILY OPERATIONS SUMMARY

DATE: 7/24/06

SITE / LOCATION: Cax IR Site 7-N
SUXSO: Earl Dennis

1. WORK SUMMARY

a. Work Accomplished:	Number Completed	Total Remaining
(1) Survey		
(2) Preparation		
(3) Mag & Flag Transects	100% BLUE COMPLETE, 60% YELLOW	COMPLETE
(4) Geophysical		
(5) Intrusive		
(6) Quality Control		
(7) Quality Assurance		

b. Discrepancies: _____

c. Inspection Results:	Pass	Fail
(1) Quality Control	✓	
(2) Quality Assurance		
(3) Safety	✓	

2. INSTRUCTIONS RECEIVED FROM CUSTOMER REPRESENTATIVE: _____

3. UXO SUMMARY

a. UXO Located: NTR

Type:	Quantity:	Live/Prac.:	Remarks:

b. Demolition Supplies Expended: NTR

Type:	Quantity:	Remarks:

c. Scrap Generation / Deposition:

Type:	Quantity:	Weight:	Remarks:
METAL DEBRIS		approx 400 #	FM TRANSECTS

4. **Utilization**

   a. **Daily Man-hours:**

Labor Category:	Task #:	M/H Used Today:	M/H Remaining:	% M/H Remaining:	Remarks:
Project Manager					
SUXOS		8			
UXO Tech. III		8			
UXO Tech. II					
UXO Tech. I		8			
Laborer					
UXOSO					
UXOQCS					
Admin Personnel					
Visitor					
Supervisor					
Equipment Operator					
Sub-Contractor Personnel (List by Category)					
Work Stoppage: (List by time and Reason)					

b. Daily Equipment:

Description:	Task:	Hours Used:	Hours Remaining:	% Hours Remaining:	Remarks:
Schonstedt		6			
Geophysical					
Truck (Heavy)					
Truck (Light)					
Radio, Base					
Radio, Handheld					
Backhoe					
Front-end Loader					
Rental Car					
GPS					
Weedeater					
Chainsaw					
Chipper					
Excavator					

5. Weather: Hot, humid (mid 80°)
Wind: Breezy PM
Rain: None
Lightning: None
Cloud Cover: 60% PM

6. **Changes to the Work Plan SSHP, or New Policies or Procedures:**

7. **Injuries and/or Illnesses:**

8. **Operational Remarks:**
PROBLEM IN TRANSECT CLEARANCE: IT APPEARS IMPOSSIBLE TO CLEAR TRANSECTS OF ALL METAL DEBRIS BECAUSE IT (METAL DEBRIS) MIGRATES BACK FOLLOWING DAILY TIDAL CHANGES.

9. **Signature / Date:**

E. A. Dam

SUXOS / Project Manager

Date: 7 / 24 / 06

Bhate Environmental Associates, Inc.

SAFETY MEETING/TRAINING RECORD

DATE: 7/24/06 **TIME:** 700 AM/PM

LOCATION/SITE: _____

1. Reason for Meeting/Training: (Check all that apply)

X	**Daily Safety Meeting/Training**
	Initial Site Safety Meeting/Training
	New Task Briefing
	Periodic Safety Meeting/Training
	New Site Procedures
	New Site Information
	Periodic Review of Site Information
	Other (Explain):

2. Personnel Attending Meeting/Training:

Name	Signature	Company
Eric Stout		ET
Carl Duffey		ET
JOANNA BUCKAM		ET
Shannon Tolliver		ET
Earl DENNIS		ET
Jeff Dickson		Bhate
Tim King		

Bhate Environmental Associates, Inc.

Safety Meeting/Training Record Con't:

3. Topics Covered (Check all that apply)

X	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description	X	Emergency Response Plan
	Site Characterization		Hazard Communities
X	Biological Hazard(s)	X	On-Site Emergency
	Chemical Hazard(s)	X	On-Site Injuries/Illnesses
X	Physical Hazard(s)	X	Evacuation Procedures
X	Heat Stress	X	Rally Point(s)
	Cold Stress	X	Emergency Communication
X	Site Control	X	Directions to Medical Facility
	Work and Support Zones		Drug and Alcohol Policies
X	PPE		Medical Monitoring Program
	Air monitoring		Specific Task Training
X	Safe Work Practices		Confined Spaces
	Engineering Controls and Equipment	X	Heavy Equipment
	Spill Containment Procedures		Other: (Specify)

4. Remarks:

5. Verification:

I certify that the personnel listed above on this record received the Information and/or Training described as indicated. Personnel not attending this meeting/training will receive said information/training prior to commencing their assigned duties.

UXO Safety Officer

Date: 7/24/06

SAFETY INSPECTION REPORT

BHATE ENVIRONMENTAL ASSOCIATES, INC.

Date: 7/24/06

Site / Location: Cheatham Annex

Type of Inspection: X Daily ____ Weekly ____ Re-Inspection ____ Other

Type of Operation Inspected: Check Team mag & Dig ; EOD Demo Range

Equipment Inspected: (Specify if Safety or Operational in Nature)
Schonstedt

Comments: Teams & mag marking wiring up, EOD Range will work well for our use

Deficiencies Found or Noted:

Corrective Action:

Re-Inspection Required: ____ Yes X No If Yes, Date of Re-Inspection: ___/___/___

Signature: [signature]
Site Safety Officer

[signature]
SUXOS / Project Manager

* Copy to Supervisor if Deficiencies or Corrective Action were found, noted or deemed necessary.

EARTH TECH DAILY SAFETY MEETING

DATE: 7-24-06	TIME: 0700	CLIENT: Bhate
SPECIFIC LOCATION: CAX Site 7N, Yorktown, Va		JOB #: 86194

SAFETY TOPICS PRESENTED

***Inspect equipment & tools before use*, then operate equipment & tools properly.**
** Fill out equipment safety sheet daily

PROTECTIVE CLOTHING/EQUIPMENT: Level D, gloves, hard hat & safety glasses

CHEMICAL HAZARDS: N/A

PHYSICAL HAZARDS: slips, trips & falls, equipment safety (**safety vests**), Heat stress, weather/storms, water safety at beach, snakes, bees, ticks & Spiders

HOSPITAL/CLINIC:
Sentara Williamsburg Community Hospital
301 Monticello Avenue
Williamsburg VA 23185

PH # (757) 259-6000

****Should you spot anything out of the ordinary inform the site supervisor immediately!!!!**

Report all near misses & all accidents to me immediately!!!

OTHER: - ***Report any unsafe jobsite conditions ASAP!!***

SPECIAL EQUIPMENT:

*****Don't discuss this project* with *anyone*, refer them to the Bhate rep.

ATTENDEES:

- Print	- Sign
Eric Stout	Eric
Carl Duffey	
Shannon Tolley	
JOANNA BUCKNAM	
Jeff Dick	
Tim King	Bhate Tim King
JAMES RATCLIFF	

Meeting Conducted By: E. M. Dean

Bhate Environmental Associates, Inc.

TAILGATE SAFETY BRIEFING

Date: 7/24/06 **Location:** Cheatham Annex

Time: 700 AM PM **Team #:** _____

1. Reason for Briefing:

X	Daily Safety Briefing		New Site Procedure
	Initial Safety Briefing		New Site Information
	New Task Briefing		Review of Site Information
	Periodic Safety Meeting		Other: (Specify)

2. Personnel Attending:

Name	Signature	Position
Eric Stout		OPER.
Carl Duffey		Sup V
Shannon Totten		UXO III
JOANNA BUCKNAM		UXO I
Earl DENNIS		SUXOS
Jeff Dell		SUP QC
Tim King		Bhate

Briefing Given By:

3. Topics: (Check All That Apply)

X	Site Safety Personnel		Decontamination Procedures
X	Site/Work Area Description	X	Emergency Response/Equipment
X	Physical Hazards	X	On-Site Injuries/Illnesses
	Chemical/Biological Hazards	X	Reporting Procedures
X	Heat/Cold Stress	X	Directions to Medical Facility
	Work/Support Zones		Drug and Alcohol Policies
X	PPE		Medical Monitoring
X	Safe Work Practices	X	Evacuation/Egress Procedures
	Air Monitoring	X	Communications
X	Task Being Performed		Confined Spaces
X	OE Precautions		Other:

4. Remarks:

YELLOW TRANSECT

BHATE ENVIRONMENTAL ASSOCIATES, INC. ANOMALY DIG SHEET

Site Location:	Date:	Name:	Signature
CAX, 7-N	7/24/06		

#	~~Easting~~ Offsets	~~Northing~~	~~Magnetometer~~	QTY	Item Description	Depth	UXO
3	4x2½		265'	1	BOLT	3"	NO
4	3x3x2½		264'	1lbs			NO
5			260'	1½lbs			NO
6			254'5"	¼lbs			NO
7			253'6"	¼lbs			NO
8			245'3"	1lbs			NO
9			240'4"	3lbs			NO
10			244'	3 lbs			NO
11			243'	2 lbs			"
12			242	.5 lbs			"
13			240	RUST DUST			"
14			231	6 lbs			"
15			238	2 lbs			"
16			226	.5 lbs			"
17			224	1 lbs			"
18			223	6 lbs			"
19			218	3 lbs			"
20			214	2 lbs			"
21			213	5 lbs			"
22			218	2.25 lbs			"
23			208	4 lbs			"
24			201	12 lbs			"
25			199	6 lbs			"

REMARKS

REMOVED APPROX 400# METAL DEBRIS.

Note: Record delta from marked target location in feet east and north.

DAILY OPERATIONS SUMMARY

DATE: 7 /25/06

SITE / LOCATION: Cax IR Site 7-N
SUXSO: Earl Dennis

1. WORK SUMMARY

a. Work Accomplished:	Number Completed	Total Remaining
(1) Survey		
(2) Preparation		
(3) Mag & Flag		
(4) Geophysical		
(5) Intrusive		
(6) Quality Control		
(7) Quality Assurance		

b. Discrepancies: TRANSECT PIN FLAGS ARE MISSING.

c. Inspection Results:	Pass	Fail
(1) Quality Control	/	
(2) Quality Assurance		
(3) Safety	/	

2. INSTRUCTIONS RECEIVED FROM CUSTOMER REPRESENTATIVE:

3. **UXO SUMMARY**

a. **UXO Located:** NTR

Type:	Quantity:	Live/Prac.:	Remarks:

b. Demolition Supplies Expended: NTR

Type:	Quantity:	Remarks:

c. Scrap Generation / Deposition:

Type:	Quantity:	Weight:	Remarks:
GENERAL METAL SCRAP	MUCH 8	approx 100 #	Same junk as yesterday
MEC Scrap	4	4	Lifting Lugs.

4. **Utilization**

   a. **Daily Man-hours:**

Labor Category:	Task #:	M/H Used Today:	M/H Remaining:	% M/H Remaining:	Remarks:
Project Manager					
SUXOS		8			
UXO Tech. III		8			
UXO Tech. II					
UXO Tech. I		8			
Laborer					
UXOSO					
UXOQCS					
Admin Personnel					
Visitor					
Supervisor					
Equipment Operator					
Sub-Contractor Personnel (List by Category)					
Work Stoppage: (List by time and Reason)					

b. Daily Equipment:

Description:	Task:	Hours Used:	Hours Remaining:	% Hours Remaining:	Remarks:
Schonstedt		1			
Geophysical					
Truck (Heavy)					
Truck (Light)					
Radio, Base					
Radio, Handheld					
Backhoe					
Front-end Loader					
Rental Car					
GPS					
Weedeater					
Chainsaw					
Chipper					
Excavator					

5. Weather:

Wind: light

Rain: None

Lightning: none

Cloud Cover: High 100% cover

6. Changes to the Work Plan SSHP, or New Policies or Procedures:

7. Injuries and/or Illnesses:

8. Operational Remarks:

A DAY BUSY W/ HOSTING REGULATORS & VENDORS. STARTED THE NOSSA (NAVEODTECHDIV) AUDIT. ALL HANDS RECEIVED SCREENER TRAINING BY POWER SCREEN.

RE-LAID TWO TRANSECTS (BLUE & YELLOW).

9. Signature / Date:

E. A. D[illegible]

SUXOS / Project Manager

Date: 7/25/06

Bhate Environmental Associates, Inc.

SAFETY MEETING/TRAINING RECORD

DATE: 7/25/06 **TIME:** 700 AM PM

LOCATION/SITE: Cheatham Annex

1. Reason for Meeting/Training: (Check all that apply)

X	**Daily Safety Meeting/Training**
	Initial Site Safety Meeting/Training
	New Task Briefing
	Periodic Safety Meeting/Training
	New Site Procedures
	New Site Information
	Periodic Review of Site Information
	Other (Explain):

2. Personnel Attending Meeting/Training:

Name	Signature	Company
Eric Short		ET
Carl Durfey		ET
Shannon Tolbert		ET
Joanna Buckham		ET
Tim King		Bhate
Jeff Dunn		BL
Earl DENNIS		ET

Bhate Environmental Associates, Inc.

Safety Meeting/Training Record Con't:

3. Topics Covered (Check all that apply)

X	Site Safety Personnel		Decontamination Procedures
X	Site/Work Area Description	X	Emergency Response Plan
X	Site Characterization	X	Hazard Communities
X	Biological Hazard(s)	X	On-Site Emergency
	Chemical Hazard(s)	X	On-Site Injuries/Illnesses
X	Physical Hazard(s)	X	Evacuation Procedures
X	Heat Stress	X	Rally Point(s)
	Cold Stress	X	Emergency Communication
X	Site Control	X	Directions to Medical Facility
X	Work and Support Zones		Drug and Alcohol Policies
X	PPE		Medical Monitoring Program
	Air monitoring		Specific Task Training
X	Safe Work Practices		Confined Spaces
X	Engineering Controls and Equipment	X	Heavy Equipment
	Spill Containment Procedures		Other: (Specify)

4. Remarks:

5. Verification:

I certify that the personnel listed above on this record received the Information and/or Training described as indicated. Personnel not attending this meeting/training will receive said information/training prior to commencing their assigned duties.

UXO Safety Officer

Date: 7/25/06

Bhate Environmental Associates, Inc.

SAFETY MEETING/TRAINING RECORD

DATE: 7/25/06 **TIME:** 1200 **AM PM**

LOCATION/SITE: Cheatham Annex

1. Reason for Meeting/Training: (Check all that apply)	
X	~~Daily Safety Meeting~~/Training
	Initial Site Safety Meeting/Training
	New Task Briefing
	Periodic Safety Meeting/Training
	New Site Procedures
X	New Site Information
	Periodic Review of Site Information
X	Other (Explain): Training on Powerscreen

2. Personnel Attending Meeting/Training:

Name	Signature	Company
Shannon Tolla		ET
Joanna Bucknam		ET
Earl DENNIS		ET
Eric Stout		ET
Carl Duffey		ET
James Rutcliff		Rutcliff

SAFETY INSPECTION REPORT

BHATE ENVIRONMENTAL ASSOCIATES, INC.

Date: 7/25/06

Site / Location: Cheatham Annex

Type of Inspection: X Daily ____ Weekly ____ Re-Inspection ____ Other

Type of Operation Inspected: Check Team, Training on Powerscreen By C.O.

Equipment Inspected: (Specify if Safety or Operational in Nature)
Power screen

Comments:
Team Working Safely

Deficiencies Found or Noted:

Corrective Action:

Re-Inspection Required: ____ Yes X No If Yes, Date of Re-Inspection: ___/___/___

Signature: _____
Site Safety Officer

_____
SUXOS / Project Manager

* Copy to Supervisor if Deficiencies or Corrective Action were found, noted or deemed necessary.

EARTH TECH DAILY SAFETY MEETING

DATE: 7-25-06	TIME: 0700	CLIENT: Bhate
SPECIFIC LOCATION: CAX Site 7N, Yorktown, Va		JOB #: 86194

SAFETY TOPICS PRESENTED

Inspect equipment & tools before use, then operate equipment & tools properly.
** Fill out equipment safety sheet daily

PROTECTIVE CLOTHING/EQUIPMENT: Level D, gloves, hard hat & safety glasses

CHEMICAL HAZARDS: N/A

PHYSICAL HAZARDS: slips, trips & falls, equipment safety (**safety vests**), Heat stress, weather/storms, water safety at beach, snakes, bees, ticks & Spiders

HOSPITAL/CLINIC:
Sentara Williamsburg Community Hospital
301 Monticello Avenue
Williamsburg VA 23185

PH # (757) 259-6000

****Should you spot anything out of the ordinary inform the site supervisor immediately!!!!***

****Report all near misses & all accidents to me immediately!!!***

OTHER: - ***Report any unsafe jobsite conditions ASAP!!***

SPECIAL EQUIPMENT:

*****Don't discuss this project* with *anyone*, refer them to the Bhate rep.

ATTENDEES:

- Print	- Sign
Eric Stout	
Carl Duffey	
Shannon Tother	
Joanna Bucknam	
Tim King	
Jeff Dolan	

Meeting Conducted By:

Bhate Environmental Associates, Inc.

TAILGATE SAFETY BRIEFING

Date: 7 / 25 / 06 **Location:** Cheatham Annex

Time: 700 AM PM **Team #:** _____

1. Reason for Briefing:

X	Daily Safety Briefing		New Site Procedure
	Initial Safety Briefing		New Site Information
	New Task Briefing		Review of Site Information
	Periodic Safety Meeting		Other: (Specify)

2. Personnel Attending:

Name	Signature	Position
Eric Stout		OPER.
Carl Duffey		SUPV
Shannon Tubbs		UXO
JOANNA BUCKNAM		UXO
Tim King		Bhate UXO
Jeff Dick		BEA
EARL DENNIS		ET

Briefing Given By:

3. Topics: (Check All That Apply)

X	Site Safety Personnel		Decontamination Procedures
X	Site/Work Area Description	X	Emergency Response/Equipment
X	Physical Hazards	X	On-Site Injuries/Illnesses
X	Chemical/Biological Hazards	X	Reporting Procedures
X	Heat/Cold Stress	X	Directions to Medical Facility
X	Work/Support Zones		Drug and Alcohol Policies
X	PPE		Medical Monitoring
X	Safe Work Practices	X	Evacuation/Egress Procedures
	Air Monitoring	X	Communications
X	Task Being Performed		Confined Spaces
X	OE Precautions		Other:

4. Remarks:

BHATE ENVIRONMENTAL ASSOCIATES, INC. ANOMALY DIG SHEET

Site Location:	Date:	Name:	Signature
CAX 7-N	7/25/06	Earl DENNIS	[illegible]

Easting	Northing	Anomaly ID	QTY	Item Description	Depth	UXO
			4	1" DIA LIFTING LUGS, FOR PROJOS	SFC	NO

REMARKS

Note: Record delta from marked target location in feet east and north.

DAILY OPERATIONS SUMMARY

DATE: 7/26/06

SITE / LOCATION: Cax IR Site 7-N
SUXSO: Earl Dennis

1. WORK SUMMARY

a. Work Accomplished:	Number Completed	Total Remaining
(1) Survey		
(2) Preparation		
(3) Mag & Flag	240' YELLOW	60' YELLOW/300' BLUE
(4) Geophysical		
(5) Intrusive		
(6) Quality Control		
(7) Quality Assurance		

b. Discrepancies:

c. Inspection Results:	Pass	Fail
(1) Quality Control		
(2) Quality Assurance		
(3) Safety	✓	

2. INSTRUCTIONS RECEIVED FROM CUSTOMER REPRESENTATIVE:

3. UXO SUMMARY

a. UXO Located: NTR

Type:	Quantity:	Live/Prac.:	Remarks:

b. **Demolition Supplies Expended:** NTR

Type:	Quantity:	Remarks:

c. **Scrap Generation / Deposition:**

	Type:	Quantity:	Weight:	Remarks:
1	MEC-RELATED	2	-1" DIA	PROJO LIFTING LUGS
2	GEN'L METALLIC DEBRIS	NUMEROUS	@120 #	FM YELLOW TRANSECT

4. **Utilization**

   a. **Daily Man-hours:**

Labor Category:	Task #:	M/H Used Today:	M/H Remaining:	% M/H Remaining:	Remarks:
Project Manager					
SUXOS		8			
UXO Tech. III		8			
UXO Tech. II					
UXO Tech. I		8			
Laborer					
UXOSO					
UXOQCS					
Admin Personnel					
Visitor					
Supervisor					
Equipment Operator					
Sub-Contractor Personnel (List by Category)					
Work Stoppage: (List by time and Reason)					

b. Daily Equipment:

Description:	Task:	Hours Used:	Hours Remaining:	% Hours Remaining:	Remarks:
Schonstedt		3			
Geophysical					
Truck (Heavy)					
Truck (Light)					
Radio, Base					
Radio, Handheld					
Backhoe					
Front-end Loader					
Rental Car					
GPS					
Weedeater					
Chainsaw					
Chipper					
Excavator					

5. Weather:

Wind: BREEZY IN AFTERNOON

Rain: NONE

Lightning: NONE

Cloud Cover: SCATTERED, 40%.

6. **Changes to the Work Plan SSHP, or New Policies or Procedures:**

7. **Injuries and/or Illnesses:**

8. **Operational Remarks:**

- STARTED WORK EARLY TO TAKE ADVANTAGE OF LOW TIDE.
- NAVEODTECHDIV AUDITORS QC'd PORTION OF YELLOW TRANSECT.
- DOUGLAS MURRAY (NOSSA) BRIEFLY VISITED WORK SITE.

9. **Signature / Date:**

SUXOS / Project Manager

Date: 7/26/06

Bhate Environmental Associates, Inc.

SAFETY MEETING/TRAINING RECORD

DATE: 7/26/06 **TIME:** 600 AM PM

LOCATION/SITE: Cheatham Annex

1. Reason for Meeting/Training: (Check all that apply)

X	**Daily Safety Meeting/Training**
	Initial Site Safety Meeting/Training
	New Task Briefing
	Periodic Safety Meeting/Training
	New Site Procedures
	New Site Information
	Periodic Review of Site Information
	Other (Explain):

2. Personnel Attending Meeting/Training:

Name	Signature	Company
Shannon Tatton	Shannon	ET
Joanna Buckham		ET
Earl DENNIS		ET
Eric Stout	Eric	ET
Carl Duffey		ET
Tim King	Tim King	Bhate
Jeff D.		BEA

Bhate Environmental Associates, Inc.

Safety Meeting/Training Record Con't:

3. Topics Covered (Check all that apply)

X	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response Plan
	Site Characterization		Hazard Communities
X	Biological Hazard(s)	X	On-Site Emergency
	Chemical Hazard(s)	X	On-Site Injuries/Illnesses
	Physical Hazard(s)		Evacuation Procedures
X	Heat Stress	X	Rally Point(s)
	Cold Stress		Emergency Communication
	Site Control		Directions to Medical Facility
	Work and Support Zones		Drug and Alcohol Policies
X	PPE		Medical Monitoring Program
	Air monitoring		Specific Task Training
	Safe Work Practices		Confined Spaces
	Engineering Controls and Equipment	X	Heavy Equipment
	Spill Containment Procedures		Other: (Specify)

4. Remarks:

5. Verification:

I certify that the personnel listed above on this record received the Information and/or Training described as indicated. Personnel not attending this meeting/training will receive said information/training prior to commencing their assigned duties.

UXO Safety Officer

Date: 7/26/06

SAFETY INSPECTION REPORT

BHATE ENVIRONMENTAL ASSOCIATES, INC.

Date: 7/26/06

Site / Location: Chatham Annex

Type of Inspection: X Daily ____ Weekly ____ Re-Inspection ____ Other

Type of Operation Inspected: Check work operations

Equipment Inspected: (Specify if Safety or Operational in Nature)

Comments: Team Operation Safe

Deficiencies Found or Noted:

Corrective Action:

Re-Inspection Required: ____ Yes X No If Yes, Date of Re-Inspection: ___/___/___

Signature: Site Safety Officer

SUXOS / Project Manager

* Copy to Supervisor if Deficiencies or Corrective Action were found, noted or deemed necessary.

EARTH TECH DAILY SAFETY MEETING

DATE: 26-July 06	**TIME:** 0600	**CLIENT:** Bhate
SPECIFIC LOCATION: CAX Site 7N, Yorktown, Va		**JOB #:** 86194

SAFETY TOPICS PRESENTED

Inspect equipment & tools before use, then operate equipment & tools properly.
** Fill out equipment safety sheet daily

PROTECTIVE CLOTHING/EQUIPMENT: Level D, gloves, hard hat & safety glasses

CHEMICAL HAZARDS: N/A

PHYSICAL HAZARDS: slips, trips & falls, equipment safety (**safety vests**), Heat stress, weather/storms, water safety at beach, snakes, bees, ticks & Spiders

HOSPITAL/CLINIC:
Sentara Williamsburg Community Hospital
301 Monticello Avenue
Williamsburg VA 23185

PH # (757) 259-6000

Should you spot anything out of the ordinary inform the site supervisor immediately!!!!

Report all near misses & all accidents to me immediately!!!

OTHER: - ***Report any unsafe jobsite conditions ASAP!!***

SPECIAL EQUIPMENT:

****Don't discuss this project** with **anyone**, refer them to the Bhate rep.

ATTENDEES:

- Print	- Sign
Shannon Tolton	
Joanna Bucknam	
Earl Dennis	
Eric Stout	
Carl Duffey	
Tim King	
Jeff Beck	

Meeting Conducted By:

Bhate Environmental Associates, Inc.

TAILGATE SAFETY BRIEFING

Date: 7/26/06 **Location:** Cheatham Annex

Time: 600 (AM) PM **Team #:** _____

1. Reason for Briefing:

X	Daily Safety Briefing		New Site Procedure
	Initial Safety Briefing		New Site Information
	New Task Briefing		Review of Site Information
	Periodic Safety Meeting		Other: (Specify)

2. Personnel Attending:

Name	Signature	Position
Shawnar Tolton	[illegible]	UXO
JOANNA BUCKNAM	[illegible]	UXO
~~Earl Demm~~		
Eric Stout	[illegible]	OPER.
Carl Duffey	[illegible]	Supv
Tim King	[illegible]	Bhate UXO
Jeff [illegible]		[illegible]

Briefing Given By: E. A. [illegible]

3. Topics: (Check All That Apply)

X	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response/Equipment
	Physical Hazards		On-Site Injuries/Illnesses
	Chemical/Biological Hazards		Reporting Procedures
X	Heat/Cold Stress		Directions to Medical Facility
	Work/Support Zones		Drug and Alcohol Policies
X	PPE		Medical Monitoring
	Safe Work Practices		Evacuation/Egress Procedures
	Air Monitoring	X	Communications
	Task Being Performed		Confined Spaces
X	OE Precautions		Other:

4. Remarks:

MEC-RELATED ITEMS

BHATE ENVIRONMENTAL ASSOCIATES, INC. ANOMALY DIG SHEET

Site Location:	Date:	Name:	Signature
CAX SITE 7-N	7/26/06	Earl DENNIS	E. Dennis

Easting	Northing	Anomaly ID	QTY	Item Description	Depth	UXO
			2	1" DIA PROTO LIFTING LUGS	SFC	NO

REMARKS

Note: Record delta from marked target location in feet east and north.

DAILY OPERATIONS SUMMARY

DATE: 7/27/06

SITE / LOCATION: Cax IR Site 7-N
SUXSO: Earl Dennis

1. WORK SUMMARY

a. Work Accomplished:	Number Completed	Total Remaining
(1) Survey		
(2) Preparation		
(3) Mag & ~~Flag~~ Dig	TWO TRANSECTS 65% COMPLETE	
(4) Geophysical		
(5) Intrusive		
(6) Quality Control		
(7) Quality Assurance		

b. Discrepancies:

c. Inspection Results:	Pass	Fail
(1) Quality Control	✓	
(2) Quality Assurance		
(3) Safety	✓	

2. INSTRUCTIONS RECEIVED FROM CUSTOMER REPRESENTATIVE:

3. UXO SUMMARY

a. **UXO Located:** NTR

Type:	Quantity:	Live/Prac.:	Remarks:

b. Demolition Supplies Expended: NTR

Type:	Quantity:	Remarks:

c. Scrap Generation / Deposition:

Type:	Quantity:	Weight:	Remarks:
1 GEN'L METAL ~~DEBRIS~~/SCRAP	LOTS	approx 150#	NON-MEC
2 1" DIA LIFTING LUG	1	~5 LB	MPPEH

4. **Utilization**

   a. **Daily Man-hours:**

Labor Category:	Task #:	M/H Used Today:	M/H Remaining:	% M/H Remaining:	Remarks:
Project Manager					
SUXOS		8			
UXO Tech. III		8			
UXO Tech. II					
UXO Tech. I		8			
Laborer					
UXOSO					
UXOQCS					
Admin Personnel					
Visitor					
Supervisor					
Equipment Operator					
Sub-Contractor Personnel (List by Category)					
Work Stoppage: (List by time and Reason)					

b. **Daily Equipment:**

Description:	Task:	Hours Used:	Hours Remaining:	% Hours Remaining:	Remarks:
Schonstedt (2)		4 total			
Geophysical					
Truck (Heavy)					
Truck (Light)					
Radio, Base					
Radio, Handheld					
Backhoe					
Front-end Loader					
Rental Car					
GPS					
Weedeater					
Chainsaw					
Chipper					
Excavator					

5. **Weather:**

Wind: MED BREEZE

Rain: NONE

Lightning: "1

Cloud Cover: HEAVY

6. Changes to the Work Plan SSHP, or New Policies or Procedures:

7. Injuries and/or Illnesses:

8. Operational Remarks:

NOSSA AUDIT CONDUCTED TODAY BY MR. DOUGLAS MURRAY

9. Signature / Date:

E. A. Dem

SUXOS / Project Manager

Date: 7/27/06

Bhate Environmental Associates, Inc.

SAFETY MEETING/TRAINING RECORD

DATE: 7/27/06 **TIME:** 600 AM PM

LOCATION/SITE: Cheatham Annex

1. Reason for Meeting/Training: (Check all that apply)

X	**Daily Safety Meeting/Training**
X	**Initial Site Safety Meeting/Training**
	New Task Briefing
	Periodic Safety Meeting/Training
	New Site Procedures
	New Site Information
	Periodic Review of Site Information
	Other (Explain):

2. Personnel Attending Meeting/Training:

Name	Signature	Company
Carl Duffey		ET
Charles Everetter		BA
Eric Stat		ET
Tom Douglas		
Arnold Burr		
Shannon Tottu		ET
Tim King		Bhate
JOANNA BUCKNAM		ET
[illegible]		B
Earl DENNIS		ET
DOUG MURRAY		NOSSA
Linda Cole		NAVFAC

Bhate Environmental Associates, Inc.

Safety Meeting/Training Record Con't:

3. Topics Covered (Check all that apply)

X	Site Safety Personnel		Decontamination Procedures
X	Site/Work Area Description	X	Emergency Response Plan
X	Site Characterization	X	Hazard Communities
X	Biological Hazard(s)	X	On-Site Emergency
	Chemical Hazard(s)	X	On-Site Injuries/Illnesses
X	Physical Hazard(s)	X	Evacuation Procedures
X	Heat Stress	X	Rally Point(s)
	Cold Stress	X	Emergency Communication
X	Site Control	X	Directions to Medical Facility
X	Work and Support Zones		Drug and Alcohol Policies
X	PPE		Medical Monitoring Program
	Air monitoring		Specific Task Training
X	Safe Work Practices		Confined Spaces
X	Engineering Controls and Equipment	X	Heavy Equipment
X	Spill Containment Procedures		Other: (Specify)

4. Remarks:

5. Verification:

I certify that the personnel listed above on this record received the Information and/or Training described as indicated. Personnel not attending this meeting/training will receive said information/training prior to commencing their assigned duties.

UXO Safety Officer

Date: 7/27/06

SAFETY INSPECTION REPORT

BHATE ENVIRONMENTAL ASSOCIATES, INC.

Site / Location: Cheatham Annex

Date: 7/27/06

Type of Inspection: X Daily ____ Weekly ____ Re-Inspection ____ Other

Type of Operation Inspected: all Inspected Done By ~~Age~~ Doug MURRAY OF NOSSA.

Equipment Inspected: (Specify if Safety or Operational in Nature)

Comments:

Deficiencies Found or Noted:

Corrective Action:

Re-Inspection Required: ____ Yes X No

If Yes, Date of Re-Inspection: ___/___/___

Signature: _____ Site Safety Officer

_____ SUXOS / Project Manager

* Copy to Supervisor if Deficiencies or Corrective Action were found, noted or deemed necessary.

EARTH TECH DAILY SAFETY MEETING		
DATE: 7-27-06	TIME: 0600	CLIENT: Bhate
SPECIFIC LOCATION: CAX Site 7N, Yorktown, Va		JOB #: 86194

SAFETY TOPICS PRESENTED

Inspect equipment & tools before use, then operate equipment & tools properly.
** Fill out equipment safety sheet daily

PROTECTIVE CLOTHING/EQUIPMENT: Level D, gloves, hard hat & safety glasses

CHEMICAL HAZARDS: N/A

PHYSICAL HAZARDS: slips, trips & falls, equipment safety (**safety vests**), Heat stress, weather/storms, water safety at beach, snakes, bees, ticks & Spiders

HOSPITAL/CLINIC:
Sentara Williamsburg Community Hospital
301 Monticello Avenue
Williamsburg VA 23185

PH # (757) 259-6000

****Should you spot anything out of the ordinary inform the site supervisor immediately!!!!**

Report all near misses & all accidents to me immediately!!!

OTHER: - ***Report any unsafe jobsite conditions ASAP!!***

SPECIAL EQUIPMENT:

*******Don't discuss this project*** with ***anyone***, refer them to the Bhate rep.

ATTENDEES:

- Print	- Sign
Charles Guenther	
Eric Stout	
Carl Duffey	
Shannon Tolter	
JOANNA BUCKNAM	
Tim King	
Jeff [illegible]	

Meeting Conducted By: [illegible]

Bhate Environmental Associates, Inc.

TAILGATE SAFETY BRIEFING

Date: 7/27/06 **Location:** Cheatham Annex

Time: 600 AM PM **Team #:** _____

1. Reason for Briefing:

X	Daily Safety Briefing		New Site Procedure
	Initial Safety Briefing		New Site Information
	New Task Briefing		Review of Site Information
	Periodic Safety Meeting		Other: (Specify)

2. Personnel Attending:

Name	Signature	Position
Carl Duffey	[signature]	Site Supv
Charles Greather	[signature]	Tech
Eric Stout	[signature]	OPER.
Shawnor Tolter	[signature]	UXO
Tim King	[signature]	Bhate
JOANNA BUCKNAM	[signature]	ET
Jeffrey R D[illegible]	[signature]	[illegible]
Earl DENNIS	[signature]	SUXOS

Briefing Given By:

3. Topics: (Check All That Apply)

X	Site Safety Personnel		Decontamination Procedures
X	Site/Work Area Description	X	Emergency Response/Equipment
X	Physical Hazards	X	On-Site Injuries/Illnesses
X	Chemical/Biological Hazards	X	Reporting Procedures
X	Heat/Cold Stress	X	Directions to Medical Facility
X	Work/Support Zones		Drug and Alcohol Policies
X	PPE		Medical Monitoring
X	Safe Work Practices	X	Evacuation/Egress Procedures
	Air Monitoring	X	Communications
X	Task Being Performed		Confined Spaces
X	OE Precautions		Other:

4. Remarks:

Bhate Environmental Associates, Inc. Anomaly Dig Sheet

Date: 7/27/06

X	Y	Anomaly ID by Type	QTY	Item Description	Depth	Initial Condition	Approx. Length	Approx. Width	Approx. Weight	Found in Pit?	Piece of Frag?	Initial Disposition	Demolition Required
		ASSORTED	MANY	PIPES,									
		METALIC	ITEMS	RUST BLOBS,				150					
		DEBRIS/	VARY-	ENGINE PARTS					*				
		SCRAP	ING IN	RODS,				LBS					
			SIZE	COLLERS									
			FM A										
			COUPLE										
			OF										
			INCHES										
			TO 3-FT										

Remarks

DAILY OPERATIONS SUMMARY

DATE: 7 /28/06 **PAGE 1 OF 6 PAGES**

SITE / LOCATION: Cax IR Site 7-N
SUXSO: Earl Dennis

1. WORK SUMMARY

a. Work Accomplished:

	Number Completed	Total Remaining
(1) Survey		
(2) Preparation		
(3) Mag & ~~Flag~~ DIG	BLUE 75% YELLOW 90%	
(4) Geophysical		
(5) Intrusive		
(6) Quality Control	~~5~~ 4	~~5~~ 8
(7) Quality Assurance		

b. Discrepancies:

c. Inspection Results:

	Pass	Fail
(1) Quality Control	5	0
(2) Quality Assurance		
(3) Safety	\	0

2. INSTRUCTIONS RECEIVED FROM CUSTOMER REPRESENTATIVE:

3. UXO SUMMARY

a. UXO Located: NTR

Type:	Quantity:	Live/Prac.:	Remarks:

b. Demolition Supplies Expended: NTR

Type:	Quantity:	Remarks:

c. Scrap Generation / Deposition:

	Type:	Quantity:	Weight:	Remarks:
1	1" PROTO LIFT LUG	1	.5 #	MPPEH
2	1.75" PROTO LIFT LUG	1	1.5 #	MPPEH
3	METAL SCRAP	LOTS	@80 #	VARIOUS PIECES OF JUNK

4. **Utilization**

   a. **Daily Man-hours:**

Labor Category:	Task #:	M/H Used Today:	M/H Remaining:	% M/H Remaining:	Remarks:
Project Manager					
SUXOS		8			
UXO Tech. III		8			
UXO Tech. II					
UXO Tech. I		8			
Laborer					
UXOSO					
UXOQCS					
Admin Personnel					
Visitor					
Supervisor					
Equipment Operator					
Sub-Contractor Personnel (List by Category)					
Work Stoppage: (List by time and Reason)					

b. Daily Equipment:

Description:	Task:	Hours Used:	Hours Remaining:	% Hours Remaining:	Remarks:
Schonstedt		2			
Geophysical					
Truck (Heavy)					
Truck (Light)					
Radio, Base					
Radio, Handheld					
Backhoe					
Front-end Loader					
Rental Car					
GPS					
Weedeater					
Chainsaw					
Chipper					
Excavator					

5. Weather:

Wind: BREEZY

Rain: NONE

Lightning: "

Cloud Cover: 90% AM – 40% (SCATTERED) PM

6. Changes to the Work Plan SSHP, or New Policies or Procedures:

7. Injuries and/or Illnesses:

8. Operational Remarks:

- TRANSECTS QC'D
- METAL SCRAP COLLECTED TO DATE WAS SCREENED (VISUAL SCREENING).
- CLEARED NORTH END OF BEACH OF WOODEN DEBRIS

9. Signature / Date:

E. A. D

SUXOS / Project Manager

Date: 7 / 28 / 06

Bhate Environmental Associates, Inc.

SAFETY MEETING/TRAINING RECORD

DATE: 7/24/06 **TIME:** 600 AM PM

LOCATION/SITE: Cheatham Annex

1. Reason for Meeting/Training: (Check all that apply)

X	**Daily Safety Meeting/Training**
	Initial Site Safety Meeting/Training
	New Task Briefing
	Periodic Safety Meeting/Training
	New Site Procedures
	New Site Information
	Periodic Review of Site Information
	Other (Explain):

2. Personnel Attending Meeting/Training:

Name	Signature	Company
Eric Stout		ET
Shannon Tolliver		ET
Carl Duffey		ET
Earl DENNIS		ET
Jeff Dick		BMK
JOANNA BUCKNAM		ET

Bhate Environmental Associates, Inc.

Safety Meeting/Training Record Con't:

3. Topics Covered (Check all that apply)

X	Site Safety Personnel		Decontamination Procedures
X	Site/Work Area Description	X	Emergency Response Plan
	Site Characterization		Hazard Communities
X	Biological Hazard(s)		On-Site Emergency
	Chemical Hazard(s)	X	On-Site Injuries/Illnesses
X	Physical Hazard(s)		Evacuation Procedures
X	Heat Stress	X	Rally Point(s)
	Cold Stress		Emergency Communication
X	Site Control		Directions to Medical Facility
	Work and Support Zones		Drug and Alcohol Policies
X	PPE		Medical Monitoring Program
	Air monitoring		Specific Task Training
X	Safe Work Practices		Confined Spaces
	Engineering Controls and Equipment	X	Heavy Equipment
	Spill Containment Procedures		Other: (Specify)

4. Remarks:

5. Verification:

I certify that the personnel listed above on this record received the Information and/or Training described as indicated. Personnel not attending this meeting/training will receive said information/training prior to commencing their assigned duties.

UXO Safety Officer

Date: 7/28/06

SAFETY INSPECTION REPORT

BHATE ENVIRONMENTAL ASSOCIATES, INC.

Date: 7/25/06

Site / Location: Chewtram Annex

Type of Inspection: X Daily X Weekly ____ Re-Inspection ____ Other

Type of Operation Inspected: Check Med Scrap 24 hrs

Equipment Inspected: (Specify if Safety or Operational in Nature)
Check 1st Aide, Burn, OBP Kit + Fire Extg.

Comments: Scrap + all Med Kits + Fire extg Clear + good For use

Deficiencies Found or Noted:

Corrective Action:

Re-Inspection Required: ____ Yes X No If Yes, Date of Re-Inspection: ___/___/___

Signature: _____ Site Safety Officer

_____ SUXOS / Project Manager

* Copy to Supervisor if Deficiencies or Corrective Action were found, noted or deemed necessary.

EARTH TECH DAILY SAFETY MEETING

DATE: 7-24-06	TIME: 600	CLIENT: Bhate
SPECIFIC LOCATION: CAX Site 7N, Yorktown, Va		JOB #: 86194

SAFETY TOPICS PRESENTED

***Inspect equipment & tools before use*, then operate equipment & tools properly.**
** Fill out equipment safety sheet daily

PROTECTIVE CLOTHING/EQUIPMENT: Level D, gloves, hard hat & safety glasses

CHEMICAL HAZARDS: N/A

PHYSICAL HAZARDS: slips, trips & falls, equipment safety (**safety vests**), Heat stress, weather/storms, water safety at beach, snakes, bees, ticks & Spiders

HOSPITAL/CLINIC:
Sentara Williamsburg Community Hospital
301 Monticello Avenue
Williamsburg VA 23185

PH # (757) 259-6000

****Should you spot anything out of the ordinary inform the site supervisor immediately!!!!***

****Report all near misses & all accidents to me immediately!!!***

OTHER: - ***Report any unsafe jobsite conditions ASAP!!***

SPECIAL EQUIPMENT:

*****Don't discuss this project* with *anyone*, refer them to the Bhate rep.**

ATTENDEES:

- Print	- Sign
Eric Short	[illegible]
Shannon Toth	[illegible]
Carl Duffey	[illegible]
Jeff D.	[illegible]
Joanna Buckham	[illegible]

Meeting Conducted By: [illegible]

Bhate Environmental Associates, Inc.

TAILGATE SAFETY BRIEFING

Date: 7/24/06 **Location:** Cheatham Annex

Time: 600 AM PM **Team #:** _____

1. Reason for Briefing:

X	Daily Safety Briefing		New Site Procedure
	Initial Safety Briefing		New Site Information
	New Task Briefing		Review of Site Information
	Periodic Safety Meeting		Other: (Specify)

2. Personnel Attending:

Name	Signature	Position
Eric Stout	[signature]	OPER.
Shannon Tolley	[signature]	UXO
Carl Duffey	[signature]	Supv
Jeff Dick	[signature]	Sup
Joanna Bucknam	[signature]	UXO

Briefing Given By: [signature] [signature]

3. Topics: (Check All That Apply)

X	Site Safety Personnel		Decontamination Procedures
X	Site/Work Area Description	X	Emergency Response/Equipment
X	Physical Hazards		On-Site Injuries/Illnesses
	Chemical/Biological Hazards	X	Reporting Procedures
X	Heat/Cold Stress		Directions to Medical Facility
	Work/Support Zones		Drug and Alcohol Policies
X	PPE		Medical Monitoring
X	Safe Work Practices	X	Evacuation/Egress Procedures
	Air Monitoring	X	Communications
X	Task Being Performed		Confined Spaces
X	OE Precautions		Other:

4. Remarks:

Bhate Environmental Associates, Inc. Anomaly Dig Sheet

Date: 7/28/06

X	Y	Anomaly ID by Type	QTY	Item Description	Depth	Initial Condition	Approx. Length	Approx. Width	Approx. Weight	Found in Pit?	Piece of Frag?	Initial Disposition	Demolition Required
1		SCRAP METAL	BUNCH	VARIOUS ITEMS OF METAL DEBRIS	SFC TO 2-FT				80 LBS				
2		MPPEH	1	1" DIA PROTO LIFT-LUG	SFC				.5 LB				NO
3		MPPEH	1	1.75" PROTO LIFT LUG	SFC				1.5 LB				NO

Remarks

DAILY OPERATIONS SUMMARY

DATE: 7/13/06

SITE / LOCATION: Cox IR Site 7-N
SUXSO: Earl Dennis

1. WORK SUMMARY

a. Work Accomplished:

	Number Completed	Total Remaining
(1) Survey		
(2) Preparation		
(3) Mag ~~& Flag~~ DIG	100%	0%
(4) Geophysical		
(5) Intrusive		
(6) Quality Control	1	6
(7) Quality Assurance		

b. Discrepancies:

c. Inspection Results:

	Pass	Fail
(1) Quality Control	1	0
(2) Quality Assurance		
(3) Safety		

2. INSTRUCTIONS RECEIVED FROM CUSTOMER REPRESENTATIVE:

3. UXO SUMMARY

a. UXO Located: NTR

Type:	Quantity:	Live/Prac.:	Remarks:

b. Demolition Supplies Expended: NTR

Type:	Quantity:	Remarks:

c. Scrap Generation / Deposition: NONE TODAY

Type:	Quantity:	Weight:	Remarks:

4. **Utilization**

   a. **Daily Man-hours:**

Labor Category:	Task #:	M/H Used Today:	M/H Remaining:	% M/H Remaining:	Remarks:
Project Manager					
SUXOS		5.5			
UXO Tech. III		5.5			
UXO Tech. II					
UXO Tech. I		5.5			
Laborer					
UXOSO					
UXOQCS					
Admin Personnel					
Visitor					
Supervisor					
Equipment Operator					
Sub-Contractor Personnel (List by Category)					
Work Stoppage: (List by time and Reason)					
		STOPPED AT 1330 DUE TO LACK OF EMM (SHOULD BE DELIVERED TOMORROW)			

b. Daily Equipment:

Description:	Task:	Hours Used:	Hours Remaining:	% Hours Remaining:	Remarks:
Schonstedt		2			
Geophysical					
Truck (Heavy)					
Truck (Light)					
Radio, Base					
Radio, Handheld					
Backhoe					
Front-end Loader					
Rental Car					
GPS					
Weedeater					
Chainsaw					
Chipper					
Excavator					

5. Weather:
Wind: VERY LOW
Rain: NONE
Lightning: "
Cloud Cover: 30% STORM CLOUDS

6. **Changes to the Work Plan SSHP, or New Policies or Procedures:**

7. **Injuries and/or Illnesses:**

8. **Operational Remarks:** Stopped early since we're waiting for armored excavator. Will make time up later in week.

9. **Signature / Date:**

E. A. D.

SUXOS / Project Manager

Date: 7/31/06

Bhate Environmental Associates, Inc.

SAFETY MEETING/TRAINING RECORD

DATE: 7/31/06 **TIME:** 700 **AM PM**

LOCATION/SITE: Cheatham Annex

1. Reason for Meeting/Training: (Check all that apply)	
X	**Daily Safety Meeting/Training**
	Initial Site Safety Meeting/Training
	New Task Briefing
	Periodic Safety Meeting/Training
	New Site Procedures
	New Site Information
	Periodic Review of Site Information
	Other (Explain):

2. Personnel Attending Meeting/Training:

Name	Signature	Company
Eric Stout		ET
Carl Duffey		ET
Shannon Tolland		ET
Joanna Buckman		ET
Earl DENNIS		ET
Jeff Dell		Bhate

Bhate Environmental Associates, Inc.

Safety Meeting/Training Record Con't:

3. Topics Covered (Check all that apply)

X	Site Safety Personnel		Decontamination Procedures
X	Site/Work Area Description	X	Emergency Response Plan
X	Site Characterization		Hazard Communities
X	Biological Hazard(s)	X	On-Site Emergency
	Chemical Hazard(s)		On-Site Injuries/Illnesses
X	Physical Hazard(s)	X	Evacuation Procedures
X	Heat Stress	X	Rally Point(s)
	Cold Stress	X	Emergency Communication
X	Site Control	X	Directions to Medical Facility
X	Work and Support Zones		Drug and Alcohol Policies
X	PPE		Medical Monitoring Program
	Air monitoring		Specific Task Training
X	Safe Work Practices		Confined Spaces
	Engineering Controls and Equipment	X	Heavy Equipment
	Spill Containment Procedures		Other: (Specify)

4. Remarks:

5. Verification:

I certify that the personnel listed above on this record received the Information and/or Training described as indicated. Personnel not attending this meeting/training will receive said information/training prior to commencing their assigned duties.

UXO Safety Officer

Date: 7/31/06

SAFETY INSPECTION REPORT

BHATE ENVIRONMENTAL ASSOCIATES, INC.

Date: 7/31/06

Site / Location: Cheatham Annex

Type of Inspection: X Daily ____ Weekly ____ Re-Inspection ____ Other

Type of Operation Inspected: Team Work

Equipment Inspected: (Specify if Safety or Operational in Nature)
Mag + Dig

Comments:
all Well

Deficiencies Found or Noted:

Corrective Action:

Re-Inspection Required: ____ Yes X No If Yes, Date of Re-Inspection: ___/___/___

Signature: _____
Site Safety Officer

_____
SUXOS / Project Manager

* Copy to Supervisor if Deficiencies or Corrective Action were found, noted or deemed necessary.

EARTH TECH DAILY SAFETY MEETING		
DATE: 7-31-06	TIME: 0700	CLIENT: Bhate
SPECIFIC LOCATION: CAX Site 7N, Yorktown, Va		JOB #: 86194

SAFETY TOPICS PRESENTED

Inspect equipment & tools before use, then operate equipment & tools properly.
** Fill out equipment safety sheet daily

PROTECTIVE CLOTHING/EQUIPMENT: Level D, gloves, hard hat & safety glasses

CHEMICAL HAZARDS: N/A

PHYSICAL HAZARDS: slips, trips & falls, equipment safety (**safety vests**), Heat stress, weather/storms, water safety at beach, snakes, bees, ticks & Spiders

HOSPITAL/CLINIC:
Sentara Williamsburg Community Hospital
301 Monticello Avenue
Williamsburg VA 23185

PH # (757) 259-6000

Should you spot anything out of the ordinary inform the site supervisor immediately!!!!

Report all near misses & all accidents to me immediately!!!

OTHER: - ***Report any unsafe jobsite conditions ASAP!!***

SPECIAL EQUIPMENT:

*****Don't discuss this project** with **anyone**, refer them to the Bhate rep.

ATTENDEES:

- Print	- Sign
Eric Stout	
Carl Duffey	
Shannon Totten	
Joanna Bucknem	
EARL DENNIS	
Jeff Dal	

Meeting Conducted By:

Bhate Environmental Associates, Inc.

TAILGATE SAFETY BRIEFING

Date: 7/31/06 **Location:** Cheatham Annex

Time: 700 (AM) PM **Team #:** _____

1. Reason for Briefing:

X	Daily Safety Briefing		New Site Procedure
	Initial Safety Briefing		New Site Information
	New Task Briefing		Review of Site Information
	Periodic Safety Meeting		Other: (Specify)

2. Personnel Attending:

Name	Signature	Position
Eric Stutz	[signature]	OPER.
Carl Duffey	[signature]	Supv
Shannon Toth	[signature]	UXO
Joanna Buckner	[signature]	UXO
Jeff Dick	[signature]	S.& QC

Briefing Given By: [signature] [signature]

3. Topics: (Check All That Apply)

X	Site Safety Personnel		Decontamination Procedures
X	Site/Work Area Description	X	Emergency Response/Equipment
X	Physical Hazards	X	On-Site Injuries/Illnesses
X	Chemical/Biological Hazards	X	Reporting Procedures
X	Heat/Cold Stress	X	Directions to Medical Facility
X	Work/Support Zones		Drug and Alcohol Policies
X	PPE		Medical Monitoring
X	Safe Work Practices		Evacuation/Egress Procedures
	Air Monitoring	X	Communications
X	Task Being Performed		Confined Spaces
X	OE Precautions		Other:

4. Remarks:

DAILY OPERATIONS SUMMARY

DATE: 8 / 1 / 06

SITE / LOCATION: Cox IR Site 7-N

SUXSO: Earl Dennis

1. WORK SUMMARY

a. Work Accomplished:	Number Completed	Total Remaining
(1) Survey		
(2) Preparation		
(3) Mag & Flag		
(4) Geophysical		
GEO-TUBE AREA → (5) Intrusive (EXCAVATE)	35%	65%
(6) Quality Control	0	6
(7) Quality Assurance		

b. Discrepancies:

c. Inspection Results:	Pass	Fail
(1) Quality Control	X	X
(2) Quality Assurance		
(3) Safety	✓	

2. INSTRUCTIONS RECEIVED FROM CUSTOMER REPRESENTATIVE:

3. **UXO SUMMARY**

a. **UXO Located:** NTR

Type:	Quantity:	Live/Prac.:	Remarks:

b. Demolition Supplies Expended: NTR

Type:	Quantity:	Remarks:

c. Scrap Generation / Deposition:

Type:	Quantity:	Weight:	Remarks:
PROJD LIFT LUGS 3/4"DIA	3	1/2# ea	MPPEH

4. **Utilization**

   a. **Daily Man-hours:**

Labor Category:	Task #:	M/H Used Today:	M/H Remaining:	% M/H Remaining:	Remarks:
Project Manager					
SUXOS		8			
UXO Tech. III		8			
UXO Tech. II					
UXO Tech. I		8			
Laborer					
UXOSO					
UXOQCS					
Admin Personnel					
Visitor					
Supervisor					
Equipment Operator					
Sub-Contractor Personnel (List by Category)					
Work Stoppage: (List by time and Reason)					

b. **Daily Equipment:**

Description:	Task:	Hours Used:	Hours Remaining:	% Hours Remaining:	Remarks:
Schonstedt		2.5			
Geophysical					
Truck (Heavy)					
Truck (Light)					
Radio, Base					
Radio, Handheld					
Backhoe					
Front-end Loader					
Rental Car					
GPS					
Weedeater					
Chainsaw					
Chipper					
Excavator					

5. **Weather:**

Wind: NONE

Rain: "

Lightning: "

Cloud Cover: GATHERING AFTERNOON THUNDER CLOUDS

6. **Changes to the Work Plan SSHP, or New Policies or Procedures:**

7. **Injuries and/or Illnesses:**

8. **Operational Remarks:** HEAT INDEX TO 110°. WATCH OUT FOR REST OF WEEK – MAY HAVE TO MODIFY WORK HOURS.

9. **Signature / Date:**

E. A. Dennis

SUXOS / Project Manager

Date: 8 / 1 / 06

Bhate Environmental Associates, Inc.

SAFETY MEETING/TRAINING RECORD

DATE: 8/1/06 **TIME:** 700 AM PM

LOCATION/SITE: Chratham

1. Reason for Meeting/Training: (Check all that apply)

X	**Daily Safety Meeting/Training**
	Initial Site Safety Meeting/Training
	New Task Briefing
	Periodic Safety Meeting/Training
	New Site Procedures
	New Site Information
	Periodic Review of Site Information
	Other (Explain):

2. Personnel Attending Meeting/Training:

Name	Signature	Company
Eric Stout		ET
Carl Duffey		ET
Shannon Toth		ET
Joanna Buckman		ET
Jeff Dicks		Bhate
Earl DENNIS		ET

Bhate Environmental Associates, Inc.

Safety Meeting/Training Record Con't:

3. Topics Covered (Check all that apply)

X	Site Safety Personnel		Decontamination Procedures
X	Site/Work Area Description		Emergency Response Plan
X	Site Characterization		Hazard Communities
X	Biological Hazard(s)		On-Site Emergency
	Chemical Hazard(s)		On-Site Injuries/Illnesses
X	Physical Hazard(s)		Evacuation Procedures
X	Heat Stress		Rally Point(s)
	Cold Stress		Emergency Communication
X	Site Control		Directions to Medical Facility
	Work and Support Zones		Drug and Alcohol Policies
X	PPE		Medical Monitoring Program
	Air monitoring		Specific Task Training
X	Safe Work Practices		Confined Spaces
	Engineering Controls and Equipment	X	Heavy Equipment
X	Spill Containment Procedures		Other: (Specify)

4. Remarks:

5. Verification:

I certify that the personnel listed above on this record received the Information and/or Training described as indicated. Personnel not attending this meeting/training will receive said information/training prior to commencing their assigned duties.

UXO Safety Officer

Date: 8 / 1 / 06

SAFETY INSPECTION REPORT

BHATE ENVIRONMENTAL ASSOCIATES, INC.

Date: 8/1/06

Site / Location: Chratnum Annex

Type of Inspection: X Daily ____ Weekly ____ Re-Inspection ____ Other

Type of Operation Inspected: Dig For Stock Pile

Equipment Inspected: (Specify if Safety or Operational in Nature)
Truck ~~etc~~ Hole For Explosive Ord., ~~etc~~

Comments: all armored in Place, Team using Safe Work Pract.

Deficiencies Found or Noted:

Corrective Action:

Re-Inspection Required: ____ Yes X No If Yes, Date of Re-Inspection: ___/___/___

Signature: _____ Site Safety Officer

_____ SUXOS / Project Manager

* Copy to Supervisor if Deficiencies or Corrective Action were found, noted or deemed necessary.

EARTH TECH DAILY SAFETY MEETING

DATE: 9-1-06	TIME: 700	CLIENT: Bhate
SPECIFIC LOCATION: CAX Site 7N, Yorktown, Va		JOB #: 86194

SAFETY TOPICS PRESENTED

***Inspect equipment & tools before use*, then operate equipment & tools properly.**
** Fill out equipment safety sheet daily

PROTECTIVE CLOTHING/EQUIPMENT: Level D, gloves, hard hat & safety glasses

CHEMICAL HAZARDS: N/A

PHYSICAL HAZARDS: slips, trips & falls, equipment safety (**safety vests**), Heat stress, weather/storms, water safety at beach, snakes, bees, ticks & Spiders

HOSPITAL/CLINIC:
Sentara Williamsburg Community Hospital
301 Monticello Avenue
Williamsburg VA 23185

PH # (757) 259-6000

****Should you spot anything out of the ordinary inform the site supervisor immediately!!!!**

Report all near misses & all accidents to me immediately!!!

OTHER: - ***Report any unsafe jobsite conditions ASAP!!***

SPECIAL EQUIPMENT:

*****Don't discuss this project* with *anyone*, refer them to the Bhate rep.

ATTENDEES:

- Print	- Sign
Eric Stark	
Carl Duffey	
Shannon Tottan	
JOANNA BUCKNAM	
Jeff Dale	
Earl DENNIS	

Meeting Conducted By: E. A. Dennis

Bhate Environmental Associates, Inc.

TAILGATE SAFETY BRIEFING

Date: 4/1/06 **Location:** Cheatham Annex

Time: 700 AM PM **Team #:**

1. Reason for Briefing:

X	Daily Safety Briefing		New Site Procedure
	Initial Safety Briefing		New Site Information
	New Task Briefing		Review of Site Information
	Periodic Safety Meeting		Other: (Specify)

2. Personnel Attending:

Name	Signature	Position
Eric Stout		OPER
Carl Duffy		Supv
Shannon Totten		UXO III
Joanna Buckham		UXO I
Jeff Dill		Site QC
Earl DENNIS		ET

Briefing Given By:

3. Topics: (Check All That Apply)

X	Site Safety Personnel		Decontamination Procedures
X	Site/Work Area Description		Emergency Response/Equipment
X	Physical Hazards		On-Site Injuries/Illnesses
X	Chemical/Biological Hazards		Reporting Procedures
X	Heat/Cold Stress		Directions to Medical Facility
	Work/Support Zones		Drug and Alcohol Policies
X	PPE		Medical Monitoring
	Safe Work Practices		Evacuation/Egress Procedures
	Air Monitoring	X	Communications
X	Task Being Performed		Confined Spaces
X	OE Precautions		Other:

4. Remarks:

Bhate Environmental Associates, Inc. Anomaly Dig Sheet

Date: 8/1/06

X	Y	Anomaly ID by Type	QTY	Item Description	Depth	Initial Condition	Approx. Length	Approx. Width	Approx. Weight	Found in Pit?	Piece of Frag?	Initial Disposition	Demolition Required
BEACH		VISUAL	3	LIFT LUGS, ROUD, 3/4" DIA	SFC								

Remarks

DAILY OPERATIONS SUMMARY

DATE: 8 / 2 / 06 **PAGE 1 OF 6 PAGES**

SITE / LOCATION: Cox IR Site 7-N
SUXSO: Earl Dennis

1. WORK SUMMARY

a. Work Accomplished:	Number Completed	Total Remaining
(1) Survey		
(2) Preparation		
(3) Mag & Flag		
(4) Geophysical		
GEO-TUBE PREP → (5) Intrusive (~~EXCAVATE~~)	100%	Ø
(6) Quality Control	2	4
(7) Quality Assurance		

b. Discrepancies:

c. Inspection Results:	Pass	Fail
(1) Quality Control	2	Ø
(2) Quality Assurance		
(3) Safety	✓	✗

2. INSTRUCTIONS RECEIVED FROM CUSTOMER REPRESENTATIVE:

3. UXO SUMMARY

a. UXO Located: NTR

Type:	Quantity:	Live/Prac.:	Remarks:

b. Demolition Supplies Expended: NTR

Type:	Quantity:	Remarks:

c. Scrap Generation / Deposition: NTR

Type:	Quantity:	Weight:	Remarks:

4. **Utilization**

   a. **Daily Man-hours:**

Labor Category:	Task #:	M/H Used Today:	M/H Remaining:	% M/H Remaining:	Remarks:
Project Manager					
SUXOS		8			
UXO Tech. III		8			
UXO Tech. II					
UXO Tech. I		8			
Laborer					
UXOSO					
UXOQCS					
Admin Personnel					
Visitor					
Supervisor					
Equipment Operator					
Sub-Contractor Personnel (List by Category)					
Work Stoppage: (List by time and Reason)					

b. **Daily Equipment:**

Description:	Task:	Hours Used:	Hours Remaining:	% Hours Remaining:	Remarks:
Schonstedt					
Geophysical					
Truck (Heavy)					
Truck (Light)					
Radio, Base					
Radio, Handheld					
Backhoe					
Front-end Loader					
Rental Car					
GPS					
Weedeater					
Chainsaw					
Chipper					
Excavator					

5. **Weather:**

Wind: NONE

Rain: "

Lightning: "

Cloud Cover: GATHERING AFTERNOON THUNDER CLOUDS.

6. **Changes to the Work Plan SSHP, or New Policies or Procedures:**

7. **Injuries and/or Illnesses:**

8. **Operational Remarks:** COMPLETED GEO-TUBE EXCAVATION!

EXCESSIVE HEAT WARNING ISSUED FROM 1100 TO 2000 - 114° HEAT INDEX.

9. **Signature / Date:**

E. A. Dan

SUXOS / Project Manager

Date: 8 / 2 / 06

Bhate Environmental Associates, Inc.

SAFETY MEETING/TRAINING RECORD

DATE: 8/2/06 **TIME:** 700 AM PM

LOCATION/SITE: _____

1. Reason for Meeting/Training: (Check all that apply)

X	**Daily Safety Meeting/Training**
	Initial Site Safety Meeting/Training
	New Task Briefing
	Periodic Safety Meeting/Training
	New Site Procedures
	New Site Information
	Periodic Review of Site Information
	Other (Explain):

2. Personnel Attending Meeting/Training:

Name	Signature	Company
Eric Stout		ET
Carl Dyer		ET
Shannon Tolfal		UXO
Joanna Buckle		UXO
Earl DENNIS		ET
J Dickson		Bhate

Bhate Environmental Associates, Inc.

Safety Meeting/Training Record Con't:

3. Topics Covered (Check all that apply)

X	Site Safety Personnel		Decontamination Procedures
X	Site/Work Area Description		Emergency Response Plan
X	Site Characterization	X	Hazard Communities
X	Biological Hazard(s)		On-Site Emergency
	Chemical Hazard(s)		On-Site Injuries/Illnesses
X	Physical Hazard(s)	X	Evacuation Procedures
X	Heat Stress	X	Rally Point(s)
	Cold Stress	X	Emergency Communication
X	Site Control		Directions to Medical Facility
	Work and Support Zones		Drug and Alcohol Policies
X	PPE		Medical Monitoring Program
	Air monitoring		Specific Task Training
X	Safe Work Practices		Confined Spaces
	Engineering Controls and Equipment	X	Heavy Equipment
	Spill Containment Procedures		Other: (Specify)

4. Remarks:

5. Verification:

I certify that the personnel listed above on this record received the Information and/or Training described as indicated. Personnel not attending this meeting/training will receive said information/training prior to commencing their assigned duties.

UXO Safety Officer

Date: 8/2/06

SAFETY INSPECTION REPORT

BHATE ENVIRONMENTAL ASSOCIATES, INC.

Date: 8/2/06

Site / Location: Cheatham Annex

Type of Inspection: X Daily ____ Weekly ____ Re-Inspection ____ Other

Type of Operation Inspected: Check Team Work, Fire Check ~~wire~~ when Welder was in use.

Equipment Inspected: (Specify if Safety or Operational in Nature)
Check Welder & safe to use

Comments: Welder Found To Be Safe To use

Deficiencies Found or Noted:

Corrective Action:

Re-Inspection Required: ____ Yes X No If Yes, Date of Re-Inspection: ___/___/___

Signature: _____ Site Safety Officer

_____ SUXOS / Project Manager

* Copy to Supervisor if Deficiencies or Corrective Action were found, noted or deemed necessary.

EARTH TECH DAILY SAFETY MEETING

DATE: 8-2-06	TIME: 0700	CLIENT: Bhate
SPECIFIC LOCATION: CAX Site 7N, Yorktown, Va		JOB #: 86194

SAFETY TOPICS PRESENTED

***Inspect equipment & tools before use*, then operate equipment & tools properly.**
** Fill out equipment safety sheet daily

PROTECTIVE CLOTHING/EQUIPMENT: Level D, gloves, hard hat & safety glasses

CHEMICAL HAZARDS: N/A

PHYSICAL HAZARDS: slips, trips & falls, equipment safety (**safety vests**), Heat stress, weather/storms, water safety at beach, snakes, bees, ticks & Spiders

HOSPITAL/CLINIC:
Sentara Williamsburg Community Hospital
301 Monticello Avenue
Williamsburg VA 23185

PH # (757) 259-6000

****Should you spot anything out of the ordinary inform the site supervisor immediately!!!!**

Report all near misses & all accidents to me immediately!!!

OTHER: - ***Report any unsafe jobsite conditions ASAP!!***

SPECIAL EQUIPMENT:

*****Don't discuss this project* with *anyone*, refer them to the Bhate rep.**

ATTENDEES:

- Print	- Sign
Eric Stout	
Carl Duffey	Carl Duffey
Shawn	
Joannon Buckman	
Earl DENNIS	
Jeff D	

Meeting Conducted By:

Bhate Environmental Associates, Inc.

TAILGATE SAFETY BRIEFING

Date: 9/2/06 **Location:** Cheatham Annex

Time: 700 AM PM **Team #:** _____

1. Reason for Briefing:

X	Daily Safety Briefing		New Site Procedure
	Initial Safety Briefing		New Site Information
	New Task Briefing		Review of Site Information
	Periodic Safety Meeting		Other: (Specify)

2. Personnel Attending:

Name	Signature	Position
Eric Stout		OPER.
Carl Duffey		ET
Shannon Cotton		UXO
Earl Davis		SUXOS
Joanna Buckman		UXO
Jeff Dickson		Site QC

Briefing Given By: [illegible]

3. Topics: (Check All That Apply)

X	Site Safety Personnel		Decontamination Procedures
X	Site/Work Area Description		Emergency Response/Equipment
X	Physical Hazards		On-Site Injuries/Illnesses
X	Chemical/Biological Hazards	X	Reporting Procedures
X	Heat/Cold Stress		Directions to Medical Facility
X	Work/Support Zones		Drug and Alcohol Policies
X	PPE		Medical Monitoring
X	Safe Work Practices		Evacuation/Egress Procedures
	Air Monitoring	X	Communications
X	Task Being Performed		Confined Spaces
X	OE Precautions		Other:

4. Remarks:

DAILY OPERATIONS SUMMARY

DATE: 8 / 3 / 06

SITE / LOCATION: Cox IR Site 7-N
SUXSO: Earl Dennis

1. WORK SUMMARY

a. Work Accomplished:	Number Completed	Total Remaining
(1) Survey		
(2) Preparation	See Operational Remarks	
(3) Mag & Flag		
(4) Geophysical		
(5) Intrusive		
(6) Quality Control	0	4
(7) Quality Assurance		

b. Discrepancies:

c. Inspection Results:	Pass	Fail
(1) Quality Control	X	X
(2) Quality Assurance		
(3) Safety	X	X

2. INSTRUCTIONS RECEIVED FROM CUSTOMER REPRESENTATIVE:

3. UXO SUMMARY

a. UXO Located: NTR

Type:	Quantity:	Live/Prac.:	Remarks:

b. Demolition Supplies Expended: NTR

Type:	Quantity:	Remarks:

c. Scrap Generation / Deposition:

Type:	Quantity:	Weight:	Remarks:
PROJO LIFT LUG	1	.5 LBS	FOUND ON SFC ON BEACH

4. **Utilization**

   a. **Daily Man-hours:**

Labor Category:	Task #:	M/H Used Today:	M/H Remaining:	% M/H Remaining:	Remarks:
Project Manager					
SUXOS		8			
UXO Tech. III		8			
UXO Tech. II					
UXO Tech. I		8			
Laborer					
UXOSO					
UXOQCS					
Admin Personnel					
Visitor					
Supervisor					
Equipment Operator					
Sub-Contractor Personnel (List by Category)					
Work Stoppage: (List by time and Reason)					

b. **Daily Equipment:**

Description:	Task:	Hours Used:	Hours Remaining:	% Hours Remaining:	Remarks:
Schonstedt		1			
Geophysical					
Truck (Heavy)					
Truck (Light)					
Radio, Base					
Radio, Handheld					
Backhoe					
Front-end Loader					
Rental Car					
GPS					
Weedeater					
Chainsaw					
Chipper					
Excavator					

5. **Weather:**

Wind: VERY LIGHT BREEZE

Rain: NONE

Lightning: NONE

Cloud Cover: ~~USAU~~ USUAL GATHERING AFTERNOON CLOUDS.

Daily Operations Summary Con't.

6. Changes to the Work Plan SSHP, or New Policies or Procedures:

7. Injuries and/or Illnesses:

8. Operational Remarks:

1. PAINTED SAFETY CAGE.
2. PREPPED POWER SCREEN (WARRIOR 1400).
3. FILLED SAND BAGS
4. BUILT TWO ROAD CLOSURE BARRIERS

9. Signature / Date:

E.A. Dan

SUXOS / Project Manager

Date: 8 / 3 / 06

Bhate Environmental Associates, Inc.

SAFETY MEETING/TRAINING RECORD

DATE: 8/3/06 **TIME:** 700 AM PM

LOCATION/SITE: Cheatham Annex

1. Reason for Meeting/Training: (Check all that apply)

X	**Daily Safety Meeting/Training**
	Initial Site Safety Meeting/Training
	New Task Briefing
	Periodic Safety Meeting/Training
	New Site Procedures
	New Site Information
	Periodic Review of Site Information
	Other (Explain):

2. Personnel Attending Meeting/Training:

Name	Signature	Company
Eric Stout		ET
Carl Duffey		ET
Joanna Buckman		ET
Earl DENNIS		ET
Shannon Tottar		ET
Jeff Dickson		ET

Bhate Environmental Associates, Inc.

Safety Meeting/Training Record Con't:

3. Topics Covered (Check all that apply)

X	Site Safety Personnel		Decontamination Procedures
X	Site/Work Area Description	X	Emergency Response Plan
	Site Characterization		Hazard Communities
X	Biological Hazard(s)		On-Site Emergency
	Chemical Hazard(s)	X	On-Site Injuries/Illnesses
X	Physical Hazard(s)		Evacuation Procedures
X	Heat Stress	X	Rally Point(s)
	Cold Stress		Emergency Communication
X	Site Control	X	Directions to Medical Facility
X	Work and Support Zones		Drug and Alcohol Policies
X	PPE		Medical Monitoring Program
	Air monitoring		Specific Task Training
X	Safe Work Practices		Confined Spaces
	Engineering Controls and Equipment	X	Heavy Equipment
	Spill Containment Procedures		Other: (Specify)

4. Remarks:

5. Verification:

I certify that the personnel listed above on this record received the Information and/or Training described as indicated. Personnel not attending this meeting/training will receive said information/training prior to commencing their assigned duties.

UXO Safety Officer

Date: 8/3/06

SAFETY INSPECTION REPORT

BHATE ENVIRONMENTAL ASSOCIATES, INC.

Date: 8 13 06

Site / Location: Cheatham Annex

Type of Inspection: X Daily ____ Weekly ____ Re-Inspection ____ Other

Type of Operation Inspected: Check Team Work, Prep For Screening.

Equipment Inspected: (Specify if Safety or Operational in Nature)
Power Screen, Dog House

Comments: Power Screen working + Safety in Place, Moving Dog House Safely.

Deficiencies Found or Noted:

Corrective Action:

Re-Inspection Required: ____ Yes X No If Yes, Date of Re-Inspection: 8 13 06

Signature: [signature]
Site Safety Officer

[signature]
SUXOS / Project Manager

* Copy to Supervisor if Deficiencies or Corrective Action were found, noted or deemed necessary.

EARTH TECH DAILY SAFETY MEETING		
DATE: 8-3-06	TIME:	CLIENT: Bhate
SPECIFIC LOCATION: CAX Site 7N, Yorktown, Va		JOB #: 86194

SAFETY TOPICS PRESENTED

***Inspect equipment & tools before use*, then operate equipment & tools properly.**
** Fill out equipment safety sheet daily

PROTECTIVE CLOTHING/EQUIPMENT: Level D, gloves, hard hat & safety glasses

CHEMICAL HAZARDS: N/A

PHYSICAL HAZARDS: slips, trips & falls, equipment safety (safety vests), Heat stress, weather/storms, water safety at beach, snakes, bees, ticks & Spiders

HOSPITAL/CLINIC:
Sentara Williamsburg Community Hospital
301 Monticello Avenue
Williamsburg VA 23185

PH # (757) 259-6000

****Should you spot anything out of the ordinary inform the site supervisor immediately!!!!**

Report all near misses & all accidents to me immediately!!!

OTHER: - ***Report any unsafe jobsite conditions ASAP!!***

SPECIAL EQUIPMENT:

*******Don't discuss this project*** with ***anyone***, refer them to the Bhate rep.

ATTENDEES:

- Print	- Sign
Eric Shank	
Carl Duffey	
Joanna Bucknam	
Earl Deans	
Shannon Tatton	

Meeting Conducted By:

Bhate Environmental Associates, Inc.

TAILGATE SAFETY BRIEFING

Date: 8/3/06 **Location:** Cheatham Annex

Time: 700 AM PM **Team #:**

1. Reason for Briefing:

Y	Daily Safety Briefing		New Site Procedure
	Initial Safety Briefing		New Site Information
	New Task Briefing		Review of Site Information
	Periodic Safety Meeting		Other: (Specify)

2. Personnel Attending:

Name	Signature	Position
Eric Stutt		OPER
Carl Duffey		Supe
JOANNA PACKNAM		UXO
Earl DENNIS		SUXOS
Shannon Tatton		UXO
Jeffrey R Dick		BUXO

Briefing Given By:

3. Topics: (Check All That Apply)

X	Site Safety Personnel		Decontamination Procedures
X	Site/Work Area Description		Emergency Response/Equipment
X	Physical Hazards	X	On-Site Injuries/Illnesses
	Chemical/Biological Hazards	X	Reporting Procedures
X	Heat/Cold Stress	X	Directions to Medical Facility
	Work/Support Zones		Drug and Alcohol Policies
X	PPE		Medical Monitoring
	Safe Work Practices		Evacuation/Egress Procedures
	Air Monitoring	X	Communications
X	Task Being Performed		Confined Spaces
X	OE Precautions		Other:

4. Remarks:

Bhate Environmental Associates, Inc. Anomaly Dig Sheet

Date: 8/3/06

X	Y	Anomaly ID by Type	QTY	Item Description	Depth	Initial Condition	Approx. Length	Approx. Width	Approx. Weight	Found in Pit?	Piece of Frag?	Initial Disposition	Demolition Required
			1	PROJO LIFT LUG	SFC				1/2#				

Remarks

DAILY OPERATIONS SUMMARY

DATE: 8/4/06

SITE / LOCATION: Cax IR Site 7-N
SUXSO: Earl Dennis

1. WORK SUMMARY

a. Work Accomplished:	Number Completed	Total Remaining
(1) Survey		
(2) Preparation	See Operational Remarks.	
(3) Mag & Flag		
(4) Geophysical		
(5) Intrusive		
(6) Quality Control	8	4
(7) Quality Assurance		

b. Discrepancies:

c. Inspection Results:	Pass	Fail
(1) Quality Control	8	8
(2) Quality Assurance		
(3) Safety	✓	✓

2. INSTRUCTIONS RECEIVED FROM CUSTOMER REPRESENTATIVE:

Daily Operations Summary Con't.

3. **UXO SUMMARY**

a. **UXO Located:** NTR

Type:	Quantity:	Live/Prac.:	Remarks:

b. Demolition Supplies Expended: NTR

Type:	Quantity:	Remarks:

c. Scrap Generation / Deposition: NTR

Type:	Quantity:	Weight:	Remarks:

4. **Utilization**

a. **Daily Man-hours:**

Labor Category:	Task #:	M/H Used Today:	M/H Remaining:	% M/H Remaining:	Remarks:
Project Manager					
SUXOS		8			
UXO Tech. III		8			
UXO Tech. II					
UXO Tech. I		8			
Laborer					
UXOSO					
UXOQCS					
Admin Personnel					
Visitor					
Supervisor					
Equipment Operator					
Sub-Contractor Personnel (List by Category)					
Work Stoppage: (List by time and Reason)					
		LOST 6-HRS DUE TO POWER SCREEN'S LATE DEL OF KILL SWITCH EXTENSION.			

b. **Daily Equipment:**

Description:	Task:	Hours Used:	Hours Remaining:	% Hours Remaining:	Remarks:
Schonstedt					
Geophysical					
Truck (Heavy)					
Truck (Light)					
Radio, Base					
Radio, Handheld					
Backhoe					
Front-end Loader					
Rental Car					
GPS					
Weedeater					
Chainsaw					
Chipper					
Excavator					

5. **Weather:**

Wind: ~~60~~ 6 MPh

Rain: Rain at end of Day

Lightning: Lighting Held at 1457

Cloud Cover: at end of Day

Daily Operations Summary Con't.

6. **Changes to the Work Plan SSHP, or New Policies or Procedures:**

7. **Injuries and/or Illnesses:**

8. **Operational Remarks:**

(1) SET UP SCREENING OPERATION FOOTPRINT, INCLUDING ANCILLARY EQUIPMENT.
(2) SCREENING PROCEDURE WALK-THROUGH.
(3) SAFETY CAGE STAGED
(4) POWER SCREENER REP, DAN, ARRIVES TO INSTALL CABLE FOR KILL SWITCH.

9. **Signature / Date:**

SUXOS / Project Manager

Date: 8 / 4 / 06

Bhate Environmental Associates, Inc.

SAFETY MEETING/TRAINING RECORD

DATE: 8/4/06 **TIME:** 700 AM PM

LOCATION/SITE: Cheatham Annex

1. Reason for Meeting/Training: (Check all that apply)

X	**Daily Safety Meeting/Training**
	Initial Site Safety Meeting/Training
	New Task Briefing
	Periodic Safety Meeting/Training
	New Site Procedures
	New Site Information
	Periodic Review of Site Information
	Other (Explain):

2. Personnel Attending Meeting/Training:

Name	Signature	Company
Carl Duffey		ET
JODINA BUCKNAM		ET
Shaniqua Tatten		ET
STEVEN R. SZURA		ET
Charles Gaither		ET
Eric Stout		ET

Bhate Environmental Associates, Inc.

Safety Meeting/Training Record Con't:

3. Topics Covered (Check all that apply)

X	Site Safety Personnel		Decontamination Procedures
X	Site/Work Area Description	X	Emergency Response Plan
X	Site Characterization	X	Hazard Communities
X	Biological Hazard(s)	X	On-Site Emergency
	Chemical Hazard(s)	X	On-Site Injuries/Illnesses
X	Physical Hazard(s)	X	Evacuation Procedures
X	Heat Stress	X	Rally Point(s)
	Cold Stress	X	Emergency Communication
X	Site Control	X	Directions to Medical Facility
X	Work and Support Zones		Drug and Alcohol Policies
X	PPE		Medical Monitoring Program
	Air monitoring	X	Specific Task Training
X	Safe Work Practices		Confined Spaces
X	Engineering Controls and Equipment	X	Heavy Equipment
	Spill Containment Procedures		Other: (Specify)

4. Remarks:

5. Verification:

I certify that the personnel listed above on this record received the Information and/or Training described as indicated. Personnel not attending this meeting/training will receive said information/training prior to commencing their assigned duties.

UXO Safety Officer

Date: 9/4/06

Bhate Environmental Associates, Inc.

SAFETY ~~MEETING~~/TRAINING RECORD

DATE: 8 / 4 / 06 **TIME:** 9 00 **AM** PM

LOCATION/SITE: Cheatham Annex

1. Reason for ~~Meeting~~/Training: (Check all that apply)

	Daily Safety Meeting/Training
	Initial Site Safety Meeting/Training
X	**New Task Briefing**
	Periodic Safety Meeting/Training
	New Site Procedures
	New Site Information
	Periodic Review of Site Information
Y	**Other (Explain):** PowerScreen

2. Personnel Attending ~~Meeting~~/Training:

Name	Signature	Company
Carl Duffey		ET
Steven R. Zeck		ET
Charles Guenther		ET
Eric Stout		ET
Josh D. Olson		Bhate
Earl DENNIS		ET
Joanna BUCKNam		ET
SHANNON TOTACH		ET

Bhate Environmental Associates, Inc.

Safety Meeting/Training Record Con't:

3. Topics Covered (Check all that apply)

	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response Plan
	Site Characterization		Hazard Communities
	Biological Hazard(s)		On-Site Emergency
	Chemical Hazard(s)		On-Site Injuries/Illnesses
	Physical Hazard(s)		Evacuation Procedures
	Heat Stress		Rally Point(s)
	Cold Stress		Emergency Communication
	Site Control		Directions to Medical Facility
	Work and Support Zones		Drug and Alcohol Policies
	PPE		Medical Monitoring Program
	Air monitoring		Specific Task Training
	Safe Work Practices		Confined Spaces
	Engineering Controls and Equipment	X	Heavy Equipment
	Spill Containment Procedures	X	Other: (Specify)
			Power screen OP.

4. Remarks: Set up of Screening operation.

5. Verification:

I certify that the personnel listed above on this record received the Information and/or Training described as indicated. Personnel not attending this meeting/training will receive said information/training prior to commencing their assigned duties.

UXO Safety Officer

Date: 8/4/06

SAFETY INSPECTION REPORT

BHATE ENVIRONMENTAL ASSOCIATES, INC.

Site / Location: Cheatham Annex

Date: 7/4/06

Type of Inspection: X Daily X Weekly ____ Re-Inspection ____ Other

Type of Operation Inspected: Screening OP, equipment check sheet

Equipment Inspected: (Specify if Safety or Operational in Nature)
all equipment meet safety & training has been done

Comments: all person have been trained on the sifting OP

Deficiencies Found or Noted:

Corrective Action:

Re-Inspection Required: ____ Yes X No

If Yes, Date of Re-Inspection: ___/___/___

Signature: _____
Site Safety Officer

_____
SUXOS / Project Manager

* Copy to Supervisor if Deficiencies or Corrective Action were found, noted or deemed necessary.

EARTH TECH DAILY SAFETY MEETING

DATE: 9-4-06	TIME: 0700	CLIENT: Bhate
SPECIFIC LOCATION: CAX Site 7N, Yorktown, Va		JOB #: 86194

SAFETY TOPICS PRESENTED

***Inspect equipment & tools before use*, then operate equipment & tools properly.**
** Fill out equipment safety sheet daily

PROTECTIVE CLOTHING/EQUIPMENT: Level D, gloves, hard hat & safety glasses

CHEMICAL HAZARDS: N/A

PHYSICAL HAZARDS: slips, trips & falls, equipment safety (**safety vests**), Heat stress, weather/storms, water safety at beach, snakes, bees, ticks & Spiders

HOSPITAL/CLINIC:
Sentara Williamsburg Community Hospital
301 Monticello Avenue
Williamsburg VA 23185

PH # (757) 259-6000

****Should you spot anything out of the ordinary inform the site supervisor immediately!!!!**

Report all near misses & all accidents to me immediately!!!

OTHER: - ***Report any unsafe jobsite conditions ASAP!!***

SPECIAL EQUIPMENT:

****Don't discuss this project** with anyone, refer them to the Bhate rep.

ATTENDEES:

- Print	- Sign
Carl Duffey	
Shannon Tottenl	
Joanna Buckham	
Charles Gwenther	
Steven R. Szura	
Eric Stout	
Earl Dennis	
Jeff Delcea	

Meeting Conducted By:

Bhate Environmental Associates, Inc.

TAILGATE SAFETY BRIEFING

Date: 8/4/06 **Location:** Chootham Annex

Time: 700 AM PM **Team #:** _____

1. Reason for Briefing:

X	Daily Safety Briefing		New Site Procedure
	Initial Safety Briefing		New Site Information
	New Task Briefing		Review of Site Information
	Periodic Safety Meeting		Other: (Specify)

2. Personnel Attending:

Name	Signature	Position
Carl Duffey		SUPV
Shannon Totten		UXO III
Joanna Buckham		UXO I
Charles Guenther		Tech
Steven R Szura		Env. Tech
Eric Stut		OPER.
Jeff Dick		Site QC

Briefing Given By: Earl Dem

3. Topics: (Check All That Apply)

X	Site Safety Personnel		Decontamination Procedures
X	Site/Work Area Description	X	Emergency Response/Equipment
X	Physical Hazards	X	On-Site Injuries/Illnesses
	Chemical/Biological Hazards		Reporting Procedures
X	Heat/Cold Stress		Directions to Medical Facility
	Work/Support Zones		Drug and Alcohol Policies
X	PPE		Medical Monitoring
	Safe Work Practices		Evacuation/Egress Procedures
	Air Monitoring	X	Communications
X	Task Being Performed		Confined Spaces
X	OE Precautions		Other:

4. Remarks:

DAILY OPERATIONS SUMMARY

DATE: 8 / 7 / 06

SITE / LOCATION: Cox IR Site 7-N
SUXSO: Earl Dennis

1. WORK SUMMARY

a. Work Accomplished:	Number Completed	Total Remaining
(1) Survey		
(2) Preparation		
(3) Mag & Flag		
(4) Geophysical		
(5) ~~Intrusive~~ Screening	60%	40%
(6) Quality Control	4	0
(7) Quality Assurance		

b. Discrepancies:

c. Inspection Results:	Pass	Fail
(1) Quality Control	5	1
(2) Quality Assurance		
(3) Safety	✓	✓

2. INSTRUCTIONS RECEIVED FROM CUSTOMER REPRESENTATIVE:

3. UXO SUMMARY

a. UXO Located: NTR

Type:	Quantity:	Live/Prac.:	Remarks:

b. Demolition Supplies Expended: NTR

Type:	Quantity:	Remarks:

c. Scrap Generation / Deposition:

Type:	Quantity:	Weight:	Remarks:
PROJO LIFT LUGS	2	1 lb	MPPEA
3/4" thread dia		total	

4. **Utilization**

   a. **Daily Man-hours:**

Labor Category:	Task #:	M/H Used Today:	M/H Remaining:	% M/H Remaining:	Remarks:
Project Manager					
SUXOS		8			
UXO Tech. III		8			
~~UXO Tech. II~~					
~~UXO Tech. I~~					
Laborer					
UXOSO					
UXOQCS					
Admin Personnel					
Visitor					
Supervisor					
Equipment Operator					
Sub-Contractor Personnel (List by Category)					
Work Stoppage: (List by time and Reason)					

Daily Operations Summary Con't.

b. Daily Equipment:

Description:	Task:	Hours Used:	Hours Remaining:	% Hours Remaining:	Remarks:
Schonstedt	QC	1			
Geophysical					
Truck (Heavy)					
Truck (Light)					
Radio, Base					
Radio, Handheld					
Backhoe					
Front-end Loader					
Rental Car					
GPS					
Weedeater					
Chainsaw					
Chipper					
Excavator					

5. Weather:

Wind: HOT, HUMID, 90's

Rain: NO - BUT CLOUDY

Lightning: NO

Cloud Cover: HIGH - 80%

Daily Operations Summary Con't.

6. Changes to the Work Plan SSHP, or New Policies or Procedures:

7. Injuries and/or Illnesses:

8. Operational Remarks:

9. Signature / Date:

SUXOS / Project Manager

Date: 8 / 7 / 06

Bhate Environmental Associates, Inc.

SAFETY MEETING/TRAINING RECORD

DATE: 8/7/06 **TIME:** 700 AM PM

LOCATION/SITE: Cheatham Annex

1. Reason for Meeting/Training: (Check all that apply)

X	**Daily Safety Meeting/Training**
	Initial Site Safety Meeting/Training
X	**New Task Briefing**
	Periodic Safety Meeting/Training
	New Site Procedures
	New Site Information
	Periodic Review of Site Information
	Other (Explain):

2. Personnel Attending Meeting/Training:

Name	Signature	Company
Carl Duffey		ET
Shannon Tothal		ET
Earl DENNIS		ET
Eric Grant		ET
Charles Gunther		ET
Steven R Szura		ET
Jeff Dick		Bhate

Bhate Environmental Associates, Inc.

Safety Meeting/Training Record Con't:

3. Topics Covered (Check all that apply)

X	Site Safety Personnel		Decontamination Procedures
X	Site/Work Area Description	X	Emergency Response Plan
	Site Characterization		Hazard Communities
X	Biological Hazard(s)	X	On-Site Emergency
	Chemical Hazard(s)	X	On-Site Injuries/Illnesses
X	Physical Hazard(s)	X	Evacuation Procedures
X	Heat Stress	X	Rally Point(s)
	Cold Stress	X	Emergency Communication
X	Site Control	X	Directions to Medical Facility
X	Work and Support Zones	X	Drug and Alcohol Policies
X	PPE		Medical Monitoring Program
	Air monitoring		Specific Task Training
X	Safe Work Practices		Confined Spaces
X	Engineering Controls and Equipment	X	Heavy Equipment
	Spill Containment Procedures		Other: (Specify)

4. Remarks:

5. Verification:

I certify that the personnel listed above on this record received the Information and/or Training described as indicated. Personnel not attending this meeting/training will receive said information/training prior to commencing their assigned duties.

UXO Safety Officer

Date: 8/7/06

SAFETY INSPECTION REPORT

BHATE ENVIRONMENTAL ASSOCIATES, INC.

Date: 8/7/06

Site / Location: Cheatham Annex

Type of Inspection: X Daily ____ Weekly ____ Re-Inspection ____ Other

Type of Operation Inspected: Screening Operational

Equipment Inspected: (Specify if Safety or Operational in Nature)
Power Screen, Track Loader, Track ~~Hoe~~ Hole

Comments: Equipment Meets Safety Ess. Screening Operations Safe

Deficiencies Found or Noted:

Corrective Action:

Re-Inspection Required: ____ Yes X No If Yes, Date of Re-Inspection: ___/___/___

Signature: _____ Site Safety Officer

_____ SUXOS / Project Manager

* Copy to Supervisor if Deficiencies or Corrective Action were found, noted or deemed necessary.

EARTH TECH DAILY SAFETY MEETING

DATE: 8-7-06	TIME: 700	CLIENT: Bhate
SPECIFIC LOCATION: CAX Site 7N, Yorktown, Va		JOB #: 86194

SAFETY TOPICS PRESENTED

Inspect equipment & tools before use, then operate equipment & tools properly.
** Fill out equipment safety sheet daily

PROTECTIVE CLOTHING/EQUIPMENT: Level D, gloves, hard hat & safety glasses

CHEMICAL HAZARDS: N/A

PHYSICAL HAZARDS: slips, trips & falls, equipment safety (**safety vests**), Heat stress, weather/storms, water safety at beach, snakes, bees, ticks & Spiders

HOSPITAL/CLINIC:
Sentara Williamsburg Community Hospital
301 Monticello Avenue
Williamsburg VA 23185

PH # (757) 259-6000

****Should you spot anything out of the ordinary inform the site supervisor immediately!!!!***

****Report all near misses & all accidents to me immediately!!!***

OTHER: - ***Report any unsafe jobsite conditions ASAP!!***

SPECIAL EQUIPMENT:

*****Don't discuss this project* with *anyone*, refer them to the Bhate rep.**

ATTENDEES:

- Print	- Sign
Carl Duffey	
Shannon Totten	
Earl DENNIS	
Eric Sfitt	
Charles Gventter	
Stevan Szura	

Meeting Conducted By:

Bhate Environmental Associates, Inc.

TAILGATE SAFETY BRIEFING

Date: 8/7/06 **Location:** Cheatham Annex

Time: 700 AM PM **Team #:** _____

1. Reason for Briefing:

X	Daily Safety Briefing		New Site Procedure
	Initial Safety Briefing		New Site Information
	New Task Briefing		Review of Site Information
	Periodic Safety Meeting		Other: (Specify)

2. Personnel Attending:

Name	Signature	Position
Carl Duffey	[signature]	Supv
Shannon Totten	[signature]	UXO
Eric Stout	[signature]	OPER
Charles Guenther	[signature]	Tech
Steven R Szura	[signature]	Env Tech
Jeff Beck	[signature]	Site OC

Briefing Given By: [signature]

3. Topics: (Check All That Apply)

X	Site Safety Personnel		Decontamination Procedures
X	Site/Work Area Description	X	Emergency Response/Equipment
	Physical Hazards	X	On-Site Injuries/Illnesses
X	Chemical/Biological Hazards	X	Reporting Procedures
X	Heat/Cold Stress	X	Directions to Medical Facility
X	Work/Support Zones	X	Drug and Alcohol Policies
X	PPE		Medical Monitoring
X	Safe Work Practices		Evacuation/Egress Procedures
	Air Monitoring		Communications
X	Task Being Performed		Confined Spaces
X	OE Precautions		Other:

4. Remarks:

Bhate Environmental Associates, Inc. Anomaly Dig Sheet

Date: 8/7/06

X	Y	Anomaly ID by Type	QTY	Item Description	Depth	Initial Condition	Approx. Length	Approx. Width	Approx. Weight	Found in Pit?	Piece of Frag?	Initial Disposition	Demolition Required
SCREENING		MAPEH	2	PROJO LIFT LUGS, 3/4" DIA					1 LB				

Remarks

DAILY OPERATIONS SUMMARY

DATE: 8 / 8 / 06 **PAGE 1 OF 6 PAGES**

SITE / LOCATION: Cax IR Site 7-N
SUXSO: Earl Dennis

1. WORK SUMMARY

a. Work Accomplished:

	Number Completed	Total Remaining
(1) Survey		
(2) Preparation		
(3) Mag & Flag		
(4) Geophysical		
(5) ~~Intrusive~~ SCREENING	100%	
(6) Quality Control	X	X
(7) Quality Assurance		

b. Discrepancies:

c. Inspection Results:

	Pass	Fail
(1) Quality Control	X	X
(2) Quality Assurance		
(3) Safety	✓	✓

2. INSTRUCTIONS RECEIVED FROM CUSTOMER REPRESENTATIVE:

3. UXO SUMMARY

a. UXO Located: NTR

Type:	Quantity:	Live/Prac.:	Remarks:

b. **Demolition Supplies Expended:** NTR

Type:	Quantity:	Remarks:

c. **Scrap Generation / Deposition:**

Type:	Quantity:	Weight:	Remarks:
PROTO LIFT LUG	7	4 LBS *	MAPPEN
" " "	1	1.5 LBS	"

* 1/2 LB EA EXCEPT 1 = 1 LB DUE TO ROST INCLUSION.

4. **Utilization**

   a. **Daily Man-hours:**

Labor Category:	Task #:	M/H Used Today:	M/H Remaining:	% M/H Remaining:	Remarks:
Project Manager					
SUXOS		8			
UXO Tech. III		8			
~~UXO Tech. II~~					
~~UXO Tech. I~~					
Laborer					
UXOSO					
UXOQCS					
Admin Personnel					
Visitor					
Supervisor					
Equipment Operator					
Sub-Contractor Personnel (List by Category)					
Work Stoppage: (List by time and Reason)					

b. **Daily Equipment:**

Description:	Task:	Hours Used:	Hours Remaining:	% Hours Remaining:	Remarks:
Schonstedt					
Geophysical					
Truck (Heavy)					
Truck (Light)					
Radio, Base					
Radio, Handheld					
Backhoe					
Front-end Loader					
Rental Car					
GPS					
Weedeater					
Chainsaw					
Chipper					
Excavator					

5. **Weather:**

Wind: LIGHT BREEZE

Rain: NOT QUITE

Lightning: NO

Cloud Cover: HIGH, 80%

6. **Changes to the Work Plan SSHP, or New Policies or Procedures:**

7. **Injuries and/or Illnesses:**

8. **Operational Remarks:** SCREENING APPEARS TO BE DONE.

9. **Signature / Date:**

SUXOS / Project Manager

Date: 8 / 8 / 06

Bhate Environmental Associates, Inc.

SAFETY MEETING/TRAINING RECORD

DATE: 8/18/06 **TIME:** 700 AM PM

LOCATION/SITE: Cheatham Annex

1. Reason for Meeting/Training: (Check all that apply)

X	**Daily Safety Meeting/Training**
	Initial Site Safety Meeting/Training
	New Task Briefing
	Periodic Safety Meeting/Training
	New Site Procedures
	New Site Information
	Periodic Review of Site Information
	Other (Explain):

2. Personnel Attending Meeting/Training:

Name	Signature	Company
Charles Guenther		ET
Jeff D.		Bhate
Shannon Cotter		ET
Steven R. Szura		ET
Eric Stout		ET
Earl Dennis		ET
Carl Duffey		ET

Bhate Environmental Associates, Inc.

Safety Meeting/Training Record Con't:

3. Topics Covered (Check all that apply)

X	Site Safety Personnel		Decontamination Procedures
X	Site/Work Area Description		Emergency Response Plan
	Site Characterization		Hazard Communities
X	Biological Hazard(s)		On-Site Emergency
	Chemical Hazard(s)		On-Site Injuries/Illnesses
	Physical Hazard(s)		Evacuation Procedures
X	Heat Stress		Rally Point(s)
	Cold Stress		Emergency Communication
X	Site Control		Directions to Medical Facility
	Work and Support Zones		Drug and Alcohol Policies
	PPE		Medical Monitoring Program
	Air monitoring		Specific Task Training
	Safe Work Practices		Confined Spaces
	Engineering Controls and Equipment		Heavy Equipment
	Spill Containment Procedures		Other: (Specify)

4. Remarks:

5. Verification:

I certify that the personnel listed above on this record received the Information and/or Training described as indicated. Personnel not attending this meeting/training will receive said information/training prior to commencing their assigned duties.

UXO Safety Officer

Date: 8/8/06

SAFETY INSPECTION REPORT

BHATE ENVIRONMENTAL ASSOCIATES, INC.

Date: 9/9/06

Site / Location: Cheatham Annex

Type of Inspection: X Daily ____ Weekly ____ Re-Inspection ____ Other

Type of Operation Inspected: Check Kill Switch on Sifter

Equipment Inspected: (Specify if Safety or Operational in Nature)
Power Screen @ 100' Kill Switch Wire Cut + Fix,
Check at 900, Working order.

Comments:

Deficiencies Found or Noted:

Corrective Action:

Re-Inspection Required: ____ Yes X No If Yes, Date of Re-Inspection: ___/___/___

Signature: [signature]
Site Safety Officer

[signature]
SUXOS / Project Manager

* Copy to Supervisor if Deficiencies or Corrective Action were found, noted or deemed necessary.

EARTH TECH DAILY SAFETY MEETING

DATE: 6-8-06	TIME: 0700	CLIENT: Bhate
SPECIFIC LOCATION: CAX Site 7N, Yorktown, Va		JOB #: 86194

SAFETY TOPICS PRESENTED

***Inspect equipment & tools before use*, then operate equipment & tools properly.**
** Fill out equipment safety sheet daily

PROTECTIVE CLOTHING/EQUIPMENT: Level D, gloves, hard hat & safety glasses

CHEMICAL HAZARDS: N/A

PHYSICAL HAZARDS: slips, trips & falls, equipment safety (**safety vests**), Heat stress, weather/storms, water safety at beach, snakes, bees, ticks & Spiders

HOSPITAL/CLINIC:
Sentara Williamsburg Community Hospital
301 Monticello Avenue
Williamsburg VA 23185

PH # (757) 259-6000

****Should you spot anything out of the ordinary inform the site supervisor immediately!!!!**

Report all near misses & all accidents to me immediately!!!

OTHER: - ***Report any unsafe jobsite conditions ASAP!!***

SPECIAL EQUIPMENT:

****Don't discuss this project** with *anyone*, refer them to the Bhate rep.

ATTENDEES:

- Print	- Sign
Charles Gouenther	
Jeff Dolan	
Shannon Totten	
Steven R. Serra	
Eric Stout	
Earl Dennis	
Carl Duffey	

Meeting Conducted By:

Bhate Environmental Associates, Inc.

TAILGATE SAFETY BRIEFING

Date: 9/9/06 **Location:** Cheatham Annex

Time: 700 AM PM **Team #:** _____

1. Reason for Briefing:

X	Daily Safety Briefing		New Site Procedure
	Initial Safety Briefing		New Site Information
	New Task Briefing		Review of Site Information
	Periodic Safety Meeting		Other: (Specify)

2. Personnel Attending:

Name	Signature	Position
Charles Guenthar	[signature]	Tech
Jeff Dick	[signature]	Sup
Shannon Totten	[signature]	UXO II
Steven R. Szura	[signature]	Env Tech
Eric Stout	[signature]	OPER.
Carl Duffey	[signature]	Supv

Briefing Given By: Earl Dennis

3. Topics: (Check All That Apply)

	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response/Equipment
	Physical Hazards		On-Site Injuries/Illnesses
	Chemical/Biological Hazards		Reporting Procedures
	Heat/Cold Stress		Directions to Medical Facility
	Work/Support Zones		Drug and Alcohol Policies
	PPE		Medical Monitoring
	Safe Work Practices		Evacuation/Egress Procedures
	Air Monitoring		Communications
	Task Being Performed		Confined Spaces
	OE Precautions		Other:

4. Remarks:

Bhate Environmental Associates, Inc. Anomaly Dig Sheet

Date: 8/8/06

X	Y	Anomaly ID by Type	QTY	Item Description	Depth	Initial Condition	Approx. Length	Approx. Width	Approx. Weight	Found in Pit?	Piece of Frag?	Initial Disposition	Demolition Required
FM SCREENER		MPPEH	7	1" ~~1/2"~~ LIFT LUG					1/2 # EA	SCREENED			
"	"	"	1	2" " "					ONE LB	"			

Remarks

DAILY OPERATIONS SUMMARY

DATE: 8 / 9 / 06 **PAGE 1 OF 6 PAGES**

SITE / LOCATION: Cax IR Site 7-N
SUXSO: Earl Dennis

1. WORK SUMMARY

a. Work Accomplished:

	Number Completed	Total Remaining
(1) ~~Survey~~ INSPECT SCREENER DEBRIS PILES	100% complete	
(2) Preparation		
(3) Mag & Flag		
(4) Geophysical		
(5) ~~Intrusive~~ Screen	100% complete	
(6) Quality Control		
(7) Quality Assurance		

b. Discrepancies: _____

c. Inspection Results:

	Pass	Fail
(1) Quality Control		
(2) Quality Assurance		
(3) Safety		

2. INSTRUCTIONS RECEIVED FROM CUSTOMER REPRESENTATIVE: _____

3. **UXO SUMMARY**

a. **UXO Located:** NTR

Type:	Quantity:	Live/Prac.:	Remarks:

b. **Demolition Supplies Expended:** NTR

Type:	Quantity:	Remarks:

c. **Scrap Generation / Deposition:**

Type:	Quantity:	Weight:	Remarks:
(1) PROTO LIFT LUGS 2" DIA AT THREADS	6	2# EA for 12# Total	MPPEH
(2) PROTO LIFT LUGS 1/2" DIA AT THREADS	2	.5 # EA for 1 # Total	MPPEH

4. **Utilization**

   a. **Daily Man-hours:**

Labor Category:	Task #:	M/H Used Today:	M/H Remaining:	% M/H Remaining:	Remarks:
Project Manager					
SUXOS		8			
UXO Tech. III		8			
~~UXO Tech. II~~					
~~UXO Tech. I~~					
Laborer					
UXOSO					
UXOQCS					
Admin Personnel					
Visitor					
Supervisor					
Equipment Operator					
Sub-Contractor Personnel (List by Category)					
Work Stoppage: (List by time and Reason)					

b. **Daily Equipment:**

Description:	Task:	Hours Used:	Hours Remaining:	% Hours Remaining:	Remarks:
Schonstedt					
Geophysical					
Truck (Heavy)					
Truck (Light)					
Radio, Base					
Radio, Handheld					
Backhoe					
Front-end Loader					
Rental Car					
GPS					
Weedeater					
Chainsaw					
Chipper					
Excavator					

5. **Weather:**

Wind: RELATIVELY COOL (HIGH 80'S), BREEZY, LOWER HUMIDITY.

Rain: NO

Lightning: NO

Cloud Cover: SCATTERED TO 75%.

Daily Operations Summary Con't.

6. Changes to the Work Plan SSHP, or New Policies or Procedures:

7. Injuries and/or Illnesses:

8. Operational Remarks:

9. Signature / Date:

E. A. D

SUXOS / Project Manager

Date: 8 / 9 / 06

Bhate Environmental Associates, Inc.

SAFETY MEETING/TRAINING RECORD

DATE: 8/9/06 **TIME:** 700 AM PM

LOCATION/SITE: Chatham Annex

1. Reason for Meeting/Training: (Check all that apply)

Y	**Daily Safety Meeting/Training**
	Initial Site Safety Meeting/Training
	New Task Briefing
	Periodic Safety Meeting/Training
	New Site Procedures
	New Site Information
	Periodic Review of Site Information
	Other (Explain):

2. Personnel Attending Meeting/Training:

Name	Signature	Company
Carl Duffey		ET
Charles Guentler		ET
Eric Stout		ET
Steven R. Szura		ET
Shannon Totten		ET
Jeff Dick		BCI
Earl DENNIS		ET

Bhate Environmental Associates, Inc.

Safety Meeting/Training Record Con't:

3. Topics Covered (Check all that apply)

X	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response Plan
	Site Characterization		Hazard Communities
X	Biological Hazard(s)		On-Site Emergency
	Chemical Hazard(s)		On-Site Injuries/Illnesses
X	Physical Hazard(s)		Evacuation Procedures
X	Heat Stress		Rally Point(s)
	Cold Stress		Emergency Communication
X	Site Control		Directions to Medical Facility
	Work and Support Zones		Drug and Alcohol Policies
X	PPE		Medical Monitoring Program
	Air monitoring		Specific Task Training
	Safe Work Practices		Confined Spaces
X	Engineering Controls and Equipment	X	Heavy Equipment
	Spill Containment Procedures		Other: (Specify)

4. Remarks:

5. Verification:

I certify that the personnel listed above on this record received the Information and/or Training described as indicated. Personnel not attending this meeting/training will receive said information/training prior to commencing their assigned duties.

UXO Safety Officer

Date: 9/9/06

SAFETY INSPECTION REPORT

BHATE ENVIRONMENTAL ASSOCIATES, INC.

Date: 5/9/06

Site / Location: Chatham Annex

Type of Inspection: X Daily ____ Weekly ____ Re-Inspection ____ Other

Type of Operation Inspected: Finished Sifting op

Equipment Inspected: (Specify if Safety or Operational in Nature)
all equipment Being clean for shipping

Comments:

Deficiencies Found or Noted:

Corrective Action:

Re-Inspection Required: ____ Yes ✓ No If Yes, Date of Re-Inspection: ___/___/___

Signature: Site Safety Officer

SUXOS / Project Manager

* Copy to Supervisor if Deficiencies or Corrective Action were found, noted or deemed necessary.

EARTH TECH DAILY SAFETY MEETING

DATE: 8/9/06	TIME: 0700	CLIENT: Bhate
SPECIFIC LOCATION: CAX Site 7N, Yorktown, Va		JOB #: 86194

SAFETY TOPICS PRESENTED

***Inspect equipment & tools before use*, then operate equipment & tools properly.**
** Fill out equipment safety sheet daily

PROTECTIVE CLOTHING/EQUIPMENT: Level D, gloves, hard hat & safety glasses

CHEMICAL HAZARDS: N/A

PHYSICAL HAZARDS: slips, trips & falls, equipment safety (**safety vests**), Heat stress, weather/storms, water safety at beach, snakes, bees, ticks & Spiders

HOSPITAL/CLINIC:
Sentara Williamsburg Community Hospital
301 Monticello Avenue
Williamsburg VA 23185

PH # (757) 259-6000

****Should you spot anything out of the ordinary inform the site supervisor immediately!!!!**

Report all near misses & all accidents to me immediately!!!

OTHER: - ***Report any unsafe jobsite conditions ASAP!!***

SPECIAL EQUIPMENT:

****Don't discuss this project** with anyone, refer them to the Bhate rep.

ATTENDEES:

- Print	- Sign
Earl Duffey	
Charles Guenther	
Eric Stout	
Steven R. Szura	
Shannon Totten	
Jeff Dell	
Earl DENNIS	

Meeting Conducted By:

Bhate Environmental Associates, Inc.

TAILGATE SAFETY BRIEFING

Date: 8/9/06 **Location:** Cheatham Annex

Time: 700 AM PM **Team #:** _____

1. Reason for Briefing:

X	Daily Safety Briefing		New Site Procedure
	Initial Safety Briefing		New Site Information
	New Task Briefing		Review of Site Information
	Periodic Safety Meeting		Other: (Specify)

2. Personnel Attending:

Name	Signature	Position
Earl Dennis	[signature]	Supv
Charles Guenther	[signature]	TECH
Eric Stout	[signature]	OPER
Steven R Szuca	[signature]	Env. Tech
Shannon Tolter	[signature]	LAB TECH
Jeff Decker	[signature]	Site mgr

Briefing Given By: Earl DENNIS

3. Topics: (Check All That Apply)

X	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response/Equipment
X	Physical Hazards		On-Site Injuries/Illnesses
	Chemical/Biological Hazards		Reporting Procedures
X	Heat/Cold Stress		Directions to Medical Facility
	Work/Support Zones		Drug and Alcohol Policies
X	PPE		Medical Monitoring
	Safe Work Practices		Evacuation/Egress Procedures
	Air Monitoring		Communications
X	Task Being Performed		Confined Spaces
	OE Precautions		Other:

4. Remarks:

Bhate Environmental Associates, Inc. Anomaly Dig Sheet

Date: 8/9/06

X	Y	Anomaly ID by Type	QTY	Item Description	Depth	Initial Condition	Approx. Length	Approx. Width	Approx. Weight	Found in Pit?	Piece of Frag?	Initial Disposition	Demolition Required
FROM		MAGEH	6	PROJ LIFT LUGS				2" DIA AT THREADS	12 # TOTAL				
SCREENING		"	2	"				1/2" DIA AT THREADS	1 # TOTAL				

Remarks

DAILY OPERATIONS SUMMARY

DATE: 8 / 10 / 06 **PAGE 1 OF 6 PAGES**

SITE / LOCATION: Cax IR Site 7-N
SUXSO: Earl Dennis

1. WORK SUMMARY

a. Work Accomplished:	Number Completed	Total Remaining
(1) ~~Survey~~ BEACH CLEARANCE		
(2) Preparation		
(3) Mag & Flag		
(4) Geophysical		
(5) Intrusive		
(6) Quality Control		
(7) Quality Assurance		

b. Discrepancies: _____

c. Inspection Results:	Pass	Fail
(1) Quality Control		
(2) Quality Assurance		
(3) Safety	✓	✓

2. INSTRUCTIONS RECEIVED FROM CUSTOMER REPRESENTATIVE: _____

3. UXO SUMMARY

a. UXO Located: NTR

Type:	Quantity:	Live/Prac.:	Remarks:

b. Demolition Supplies Expended: NTR

Type:	Quantity:	Remarks:

c. Scrap Generation / Deposition: NTR

Type:	Quantity:	Weight:	Remarks:

4. **Utilization**

   a. **Daily Man-hours:**

Labor Category:	Task #:	M/H Used Today:	M/H Remaining:	% M/H Remaining:	Remarks:
Project Manager					
SUXOS		8			
UXO Tech. III		8			
~~UXO Tech. II~~					
~~UXO Tech. I~~					
Laborer					
UXOSO					
UXOQCS					
Admin Personnel					
Visitor					
Supervisor					
Equipment Operator					
Sub-Contractor Personnel (List by Category)					
Work Stoppage: (List by time and Reason)					
RAIN STOPPAGE	1315	WORK STOPPED FOR DAY DUE TO MUDDY, SLIPPERY CONDITIONS CAUSED BY RAIN.			

6. **Changes to the Work Plan SSHP, or New Policies or Procedures:**

7. **Injuries and/or Illnesses:**

8. **Operational Remarks:** DAY CALLED AT 1315 DUE TO RAIN.

9. **Signature / Date:**

E. A. [illegible]

SUXOS / Project Manager

Date: 8 / 10 / 06

Bhate Environmental Associates, Inc.

SAFETY MEETING/TRAINING RECORD

DATE: 8/10/06 **TIME:** 700 AM PM

LOCATION/SITE: Cheatham Annex

1. Reason for Meeting/Training: (Check all that apply)

X	**Daily Safety Meeting/Training**
	Initial Site Safety Meeting/Training
	New Task Briefing
	Periodic Safety Meeting/Training
	New Site Procedures
	New Site Information
	Periodic Review of Site Information
	Other (Explain):

2. Personnel Attending Meeting/Training:

Name	Signature	Company
Eric Stout	Eric Stout	ET
Carl Duffey	Carl Duffey	ET
Earl DENNIS	Earl Dennis	ET
Shannon Potter	Shannon Potter	ET
Jeff Dinno	Jeff Dinno	ET

Bhate Environmental Associates, Inc.

Safety Meeting/Training Record Con't:

3. Topics Covered (Check all that apply)

	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response Plan
	Site Characterization		Hazard Communities
	Biological Hazard(s)		On-Site Emergency
	Chemical Hazard(s)		On-Site Injuries/Illnesses
	Physical Hazard(s)		Evacuation Procedures
	Heat Stress		Rally Point(s)
	Cold Stress		Emergency Communication
	Site Control		Directions to Medical Facility
	Work and Support Zones		Drug and Alcohol Policies
	PPE		Medical Monitoring Program
	Air monitoring		Specific Task Training
	Safe Work Practices		Confined Spaces
	Engineering Controls and Equipment		Heavy Equipment
	Spill Containment Procedures		Other: (Specify)

4. Remarks:

5. Verification:

I certify that the personnel listed above on this record received the Information and/or Training described as indicated. Personnel not attending this meeting/training will receive said information/training prior to commencing their assigned duties.

_____ **Date:** ____/____/____

UXO Safety Officer

SAFETY INSPECTION REPORT

BHATE ENVIRONMENTAL ASSOCIATES, INC.

Site / Location: Cheltham Annex Date: 8/10/06

Type of Inspection: X Daily ____ Weekly ____ Re-Inspection ____ Other

Type of Operation Inspected:

Equipment Inspected: (Specify if Safety or Operational in Nature)
Work on site Path.

Comments:

Deficiencies Found or Noted:

Corrective Action:

Re-Inspection Required: ____ Yes ____ No If Yes, Date of Re-Inspection: ____/____/____

Signature: [signature]
Site Safety Officer

[signature]
SUXOS / Project Manager

* Copy to Supervisor if Deficiencies or Corrective Action were found, noted or deemed necessary.

DAILY OPERATIONS SUMMARY

DATE: 8/11/06

SITE / LOCATION: Cax IR Site 7-N
SUXSO: Earl Dennis

1. WORK SUMMARY

a. Work Accomplished:	Number Completed	Total Remaining
(1) Survey		
(2) Preparation FOR GEO-TUBE INSTALLATION.		
(3) Mag & Flag		
(4) Geophysical		
(5) Intrusive		
(6) Quality Control		
(7) Quality Assurance		

b. Discrepancies: _____

c. Inspection Results:	Pass	Fail
(1) Quality Control		
(2) Quality Assurance		
(3) Safety		

2. INSTRUCTIONS RECEIVED FROM CUSTOMER REPRESENTATIVE: _____

3. UXO SUMMARY

a. UXO Located: NTR

Type:	Quantity:	Live/Prac.:	Remarks:

b. Demolition Supplies Expended: NTR

Type:	Quantity:	Remarks:

c. Scrap Generation / Deposition: NTR

Type:	Quantity:	Weight:	Remarks:

4. **Utilization**

   a. **Daily Man-hours:**

Labor Category:	Task #:	M/H Used Today:	M/H Remaining:	% M/H Remaining:	Remarks:
Project Manager					
SUXOS		8			
~~UXO Tech. III~~					
~~UXO Tech. II~~					
~~UXO Tech. I~~					
Laborer					
UXOSO					
UXOQCS					
Admin Personnel					
Visitor					
Supervisor					
Equipment Operator					
Sub-Contractor Personnel (List by Category)					
Work Stoppage: (List by time and Reason)					

b. **Daily Equipment:**

Description:	Task:	Hours Used:	Hours Remaining:	% Hours Remaining:	Remarks:
Schonstedt					
Geophysical					
Truck (Heavy)					
Truck (Light)					
Radio, Base					
Radio, Handheld					
Backhoe					
Front-end Loader					
Rental Car					
GPS					
Weedeater					
Chainsaw					
Chipper					
Excavator					

5. **Weather:**

Wind: LIGHT RAIN A.M.; CLOUDY, WINDY ALL DAY; HIGH 86°

Rain: NO

Lightning: NO

Cloud Cover: SCATTERED TO 90%.

6. **Changes to the Work Plan SSHP, or New Policies or Procedures:**

7. **Injuries and/or Illnesses:**

8. **Operational Remarks:**
(1) VISUAL BEACH SEARCH; (2) SWAPPED EXCAVATORS; (3) OBTAINED LARGER DOZER; (4) "FINES" TO GEO-TUBE AREA; (5) CONCRETE TO BINS.

9. **Signature / Date:**

E. A. Dom

SUXOS / Project Manager

Date: 8 / 11 / 06

Bhate Environmental Associates, Inc.

SAFETY MEETING/TRAINING RECORD

DATE: 8/11/06 **TIME:** 700 AM PM

LOCATION/SITE: Chatham Annex

1. Reason for Meeting/Training: (Check all that apply)

✓	**Daily Safety Meeting/Training**
	Initial Site Safety Meeting/Training
	New Task Briefing
	Periodic Safety Meeting/Training
	New Site Procedures
	New Site Information
	Periodic Review of Site Information
	Other (Explain):

2. Personnel Attending Meeting/Training:

Name	Signature	Company
Eric Stuck	[illegible]	ET
Carl Duffey	[illegible]	ET
Earl DENNIS	[illegible]	E.T.
Jeff Dal	[illegible]	BHA

Bhate Environmental Associates, Inc.

Safety Meeting/Training Record Con't:

3. Topics Covered (Check all that apply)

	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response Plan
	Site Characterization		Hazard Communities
	Biological Hazard(s)		On-Site Emergency
	Chemical Hazard(s)		On-Site Injuries/Illnesses
	Physical Hazard(s)		Evacuation Procedures
	Heat Stress		Rally Point(s)
	Cold Stress		Emergency Communication
	Site Control		Directions to Medical Facility
	Work and Support Zones		Drug and Alcohol Policies
	PPE		Medical Monitoring Program
	Air monitoring		Specific Task Training
	Safe Work Practices		Confined Spaces
	Engineering Controls and Equipment		Heavy Equipment
	Spill Containment Procedures		Other: (Specify)

4. Remarks:

5. Verification:

I certify that the personnel listed above on this record received the Information and/or Training described as indicated. Personnel not attending this meeting/training will receive said information/training prior to commencing their assigned duties.

UXO Safety Officer

Date: 8/11/06

SAFETY INSPECTION REPORT

BHATE ENVIRONMENTAL ASSOCIATES, INC.

Site / Location: Chatham Bancy

Date: 8/11/06

Type of Inspection: X Daily ____ Weekly ____ Re-Inspection ____ Other

Type of Operation Inspected: Check MPPEH Scrap & Lock Drum with Suxos.

Equipment Inspected: (Specify if Safety or Operational in Nature)
First Aid Kit, Burn, BBD, Fire extinguisher

Comments: All Safety equipment in working order.

Deficiencies Found or Noted:

Corrective Action:

Re-Inspection Required: ____ Yes V No

If Yes, Date of Re-Inspection: ____/____/____

Signature: _____ Site Safety Officer

_____ SUXOS / Project Manager

* Copy to Supervisor if Deficiencies or Corrective Action were found, noted or deemed necessary.

DAILY OPERATIONS SUMMARY

DATE: 8/4/01

SITE / LOCATION: Cox IR Site 7-N

~~SUXSO: Earl Dennis~~ UXOSO James Ratliff

1. WORK SUMMARY

a. Work Accomplished:	Number Completed	Total Remaining
(1) Survey		
(2) Preparation		
(3) Mag & Flag		
(4) Geophysical		
(5) Intrusive		
(6) Quality Control		
(7) Quality Assurance		

b. Discrepancies: Construction Support, Demob Earth Tech, Mob AOMC

c. Inspection Results:	Pass	Fail
(1) Quality Control	X	
(2) Quality Assurance	X	
(3) Safety	X	

2. INSTRUCTIONS RECEIVED FROM CUSTOMER REPRESENTATIVE:

3. UXO SUMMARY NA

a. UXO Located:

Type:	Quantity:	Live/Prac.:	Remarks:

b. Demolition Supplies Expended: NA

Type:	Quantity:	Remarks:

c. Scrap Generation / Deposition: NTR

Type:	Quantity:	Weight:	Remarks:

4. **Utilization**

   a. **Daily Man-hours:**

Labor Category:	Task #:	M/H Used Today:	M/H Remaining:	% M/H Remaining:	Remarks:
Project Manager					
SUXOS					
UXO Tech. III					
UXO Tech. II					
UXO Tech. I					
Laborer					
UXOSO		10			
UXOQCS					
Admin Personnel					
Visitor					
Supervisor					
Equipment Operator					
Sub-Contractor Personnel (List by Category)					
Work Stoppage: (List by time and Reason)					

b. Daily Equipment:

Description:	Task:	Hours Used:	Hours Remaining:	% Hours Remaining:	Remarks:
Schonstedt					
Geophysical					
Truck (Heavy)					
Truck (Light)					
Radio, Base					
Radio, Handheld					
Backhoe					
Front-end Loader					
Rental Car					
GPS					
Weedeater					
Chainsaw					
Chipper					
Excavator					

5. Weather:

Wind: 5-10

Rain: 0

Lightning: 0

Cloud Cover: Clear

Daily Operations Summary Con't.

6. Changes to the Work Plan SSHP, or New Policies or Procedures:

7. Injuries and/or Illnesses:

8. Operational Remarks:

Check MEC Scrap with SUXOS Lock Drum + Seal Drum
Do Last Safety + QC Check on Site. Start Demob. Fort Dennis Last
Day Demob Today. Review Work Plan with Geo Tube Co.
ADMC.

9. Signature / Date:

SUXOS / Project Manager

UXO 50

Date: 8/14/06

Bhate Environmental Associates, Inc.

SAFETY MEETING/TRAINING RECORD

DATE: 8/14/06 **TIME:** 700 AM PM

LOCATION/SITE: Cheatham Annex

1. Reason for Meeting/Training: (Check all that apply)	
X	Daily Safety Meeting/Training
	Initial Site Safety Meeting/Training
	New Task Briefing
	Periodic Safety Meeting/Training
	New Site Procedures
	New Site Information
	Periodic Review of Site Information
	Other (Explain):

2. Personnel Attending Meeting/Training:

Name	Signature	Company
Eric Stout	[illegible]	ET
Jeff Dicker	[illegible]	BEA
Earl DENNIS	[illegible]	ET

Bhate Environmental Associates, Inc.

Safety Meeting/Training Record Con't:

3. Topics Covered (Check all that apply)

X	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response Plan
	Site Characterization		Hazard Communities
X	Biological Hazard(s)		On-Site Emergency
	Chemical Hazard(s)		On-Site Injuries/Illnesses
X	Physical Hazard(s)		Evacuation Procedures
X	Heat Stress		Rally Point(s)
	Cold Stress		Emergency Communication
X	Site Control		Directions to Medical Facility
	Work and Support Zones		Drug and Alcohol Policies
X	PPE		Medical Monitoring Program
	Air monitoring		Specific Task Training
X	Safe Work Practices		Confined Spaces
X	Engineering Controls and Equipment	X	Heavy Equipment
	Spill Containment Procedures		Other: (Specify)

4. Remarks:

5. Verification:

I certify that the personnel listed above on this record received the Information and/or Training described as indicated. Personnel not attending this meeting/training will receive said information/training prior to commencing their assigned duties.

UXO Safety Officer

Date: 8/14/06

DAILY OPERATIONS SUMMARY

DATE: 9/15/06

SITE / LOCATION: Cax IR Site 7-N

~~SUXSO: Earl Dennis~~ UXOSO James Ratcliff

1. WORK SUMMARY

a. Work Accomplished:	Number Completed	Total Remaining
(1) Survey		
(2) Preparation		
(3) Mag & Flag		
(4) Geophysical		
(5) Intrusive		
(6) Quality Control		
(7) Quality Assurance		

b. Discrepancies: CONSTRUCTION ~~SPORT~~ SUPORT

c. Inspection Results:

	Pass	Fail
(1) Quality Control		
(2) Quality Assurance		
(3) Safety		

2. INSTRUCTIONS RECEIVED FROM CUSTOMER REPRESENTATIVE:

3. **UXO SUMMARY**

a. **UXO Located:** NA

Type:	Quantity:	Live/Prac.:	Remarks:

b. Demolition Supplies Expended: NA

Type:	Quantity:	Remarks:

c. Scrap Generation / Deposition: NTR

Type:	Quantity:	Weight:	Remarks:

4. **Utilization**

   a. **Daily Man-hours:**

Labor Category:	Task #:	M/H Used Today:	M/H Remaining:	% M/H Remaining:	Remarks:
Project Manager					
SUXOS					
UXO Tech. III					
UXO Tech. II					
UXO Tech. I					
Laborer					
UXOSO		10			
UXOQCS					
Admin Personnel					
Visitor					
Supervisor					
Equipment Operator					
Sub-Contractor Personnel (List by Category)					
Work Stoppage: (List by time and Reason)					

b. Daily Equipment:

Description:	Task:	Hours Used:	Hours Remaining:	% Hours Remaining:	Remarks:
Schonstedt					
Geophysical					
Truck (Heavy)					
Truck (Light)					
Radio, Base					
Radio, Handheld					
Backhoe					
Front-end Loader					
Rental Car					
GPS					
Weedeater					
Chainsaw					
Chipper					
Excavator					

5. Weather:

Wind: 5-10

Rain: 0

Lightning: 0

Cloud Cover: Clear

6. Changes to the Work Plan SSHP, or New Policies or Procedures:

7. Injuries and/or Illnesses:

8. Operational Remarks: Baker Eng on site. on site, get shipping supply.

9. Signature / Date:

SUXOS / Project Manager

UXOSO

Date: 8/15/06

Bhate Environmental Associates, Inc.

SAFETY MEETING/TRAINING RECORD

DATE: 8/15/06 **TIME:** 700 AM PM

LOCATION/SITE: Chatham Annex

1. Reason for Meeting/Training: (Check all that apply)

X	**Daily Safety Meeting/Training**
	Initial Site Safety Meeting/Training
	New Task Briefing
	Periodic Safety Meeting/Training
	New Site Procedures
	New Site Information
	Periodic Review of Site Information
	Other (Explain):

2. Personnel Attending Meeting/Training:

Name	Signature	Company
Carl Duffey	[illegible]	ET
Jeff Dick	[illegible]	BEA
Thomas R. Vanbard	[illegible]	ADMC
Eg. Shane Walker	[illegible]	ADMC
~~Gary DeVane~~	~~[illegible]~~	
Gary DeVane	Gary DeVane	ADMC

Bhate Environmental Associates, Inc.

Safety Meeting/Training Record Con't:

3. Topics Covered (Check all that apply)

	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response Plan
	Site Characterization		Hazard Communities
	Biological Hazard(s)		On-Site Emergency
	Chemical Hazard(s)		On-Site Injuries/Illnesses
	Physical Hazard(s)		Evacuation Procedures
	Heat Stress		Rally Point(s)
	Cold Stress		Emergency Communication
	Site Control		Directions to Medical Facility
	Work and Support Zones		Drug and Alcohol Policies
X	PPE		Medical Monitoring Program
	Air monitoring		Specific Task Training
	Safe Work Practices		Confined Spaces
	Engineering Controls and Equipment	X	Heavy Equipment
	Spill Containment Procedures		Other: (Specify)

4. Remarks:

UXO OP Finished here as ~~Sport~~ Support

5. Verification:

I certify that the personnel listed above on this record received the Information and/or Training described as indicated. Personnel not attending this meeting/training will receive said information/training prior to commencing their assigned duties.

UXO Safety Officer

Date: 8/15/06

DAILY OPERATIONS SUMMARY

DATE: 8/16/06

SITE / LOCATION: Cax IR Site 7-N

~~SUXSO: Earl Dennis~~ UXOSO JAMES RATCLIFF

1. WORK SUMMARY

a. Work Accomplished:

	Number Completed	Total Remaining
(1) Survey		
(2) Preparation		
(3) Mag & Flag		
(4) Geophysical		
(5) Intrusive		
(6) Quality Control		
(7) Quality Assurance		

b. Discrepancies: DEMOB, CONSTRUCTION SUPORT

c. Inspection Results:

	Pass	Fail
(1) Quality Control		
(2) Quality Assurance		
(3) Safety		

2. INSTRUCTIONS RECEIVED FROM CUSTOMER REPRESENTATIVE:

3. **UXO SUMMARY**

a. **UXO Located:** NA

Type:	Quantity:	Live/Prac.:	Remarks:

b. Demolition Supplies Expended: NA

Type:	Quantity:	Remarks:

c. Scrap Generation / Deposition: NTR

Type:	Quantity:	Weight:	Remarks:

4. **Utilization**

   a. **Daily Man-hours:**

Labor Category:	Task #:	M/H Used Today:	M/H Remaining:	% M/H Remaining:	Remarks:
Project Manager					
SUXOS					
UXO Tech. III					
UXO Tech. II					
UXO Tech. I					
Laborer					
UXOSO		14			
UXOQCS					
Admin Personnel					
Visitor					
Supervisor					
Equipment Operator					
Sub-Contractor Personnel (List by Category)					
Work Stoppage: (List by time and Reason)					

b. **Daily Equipment:**

Description:	Task:	Hours Used:	Hours Remaining:	% Hours Remaining:	Remarks:
Schonstedt					
Geophysical					
Truck (Heavy)					
Truck (Light)					
Radio, Base					
Radio, Handheld					
Backhoe					
Front-end Loader					
Rental Car					
GPS					
Weedeater					
Chainsaw					
Chipper					
Excavator					

5. **Weather:**

Wind: 5-10

Rain: 0

Lightning: 0

Cloud Cover: Clear

6. Changes to the Work Plan SSHP, or New Policies or Procedures:

7. Injuries and/or Illnesses:

8. Operational Remarks:
Demob Pack, 1st BOL, WT OF Scrap, copy all site photo for Linda Cole

9. Signature / Date:

~~SUXOS / Project Manager~~
UXOSO

Date: 5/16/06

Bhate Environmental Associates, Inc.

SAFETY MEETING/TRAINING RECORD

DATE: 08/16/06 **TIME:** 0700 **AM PM**

LOCATION/SITE: Cheatham Annex

1. Reason for Meeting/Training: (Check all that apply)

✓	**Daily Safety Meeting/Training**
	Initial Site Safety Meeting/Training
	New Task Briefing
	Periodic Safety Meeting/Training
	New Site Procedures
	New Site Information
	Periodic Review of Site Information
	Other (Explain):

2. Personnel Attending Meeting/Training:

Name	Signature	Company
Carl Duffey	[signature]	ET
Eric Scott	[signature]	ET
Gary Dettane	[signature]	ADMC
Gary Devanne		
Thomas Rivenbark	[signature]	ADMC
Mike Misher	[signature]	ADMC
E. Shane Walters	[signature]	ADMC

Bhate Environmental Associates, Inc.

Safety Meeting/Training Record Con't:

3. Topics Covered (Check all that apply)

	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response Plan
	Site Characterization		Hazard Communities
	Biological Hazard(s)		On-Site Emergency
	Chemical Hazard(s)		On-Site Injuries/Illnesses
	Physical Hazard(s)		Evacuation Procedures
X	Heat Stress		Rally Point(s)
	Cold Stress		Emergency Communication
	Site Control		Directions to Medical Facility
	Work and Support Zones		Drug and Alcohol Policies
√	PPE		Medical Monitoring Program
	Air monitoring		Specific Task Training
	Safe Work Practices		Confined Spaces
	Engineering Controls and Equipment	X	Heavy Equipment
	Spill Containment Procedures		Other: (Specify)

4. Remarks:

5. Verification:

I certify that the personnel listed above on this record received the Information and/or Training described as indicated. Personnel not attending this meeting/training will receive said information/training prior to commencing their assigned duties.

UXO Safety Officer

Date: 8/16/06

DAILY OPERATIONS SUMMARY

DATE: 8/17/06

SITE / LOCATION: Cax IR Site 7-N

~~SUXSO: Earl Dennis~~ UXOSO JAMES RATCLIFF

1. WORK SUMMARY

a. Work Accomplished:

	Number Completed	Total Remaining
(1) Survey		
(2) Preparation		
(3) Mag & Flag		
(4) Geophysical		
(5) Intrusive		
(6) Quality Control		
(7) Quality Assurance		

b. Discrepancies: Demob + Construction Support

c. Inspection Results:

	Pass	Fail
(1) Quality Control		
(2) Quality Assurance		
(3) Safety		

2. INSTRUCTIONS RECEIVED FROM CUSTOMER REPRESENTATIVE:

3. UXO SUMMARY

a. UXO Located: NA

Type:	Quantity:	Live/Prac.:	Remarks:

b. Demolition Supplies Expended: NA

Type:	Quantity:	Remarks:

c. Scrap Generation / Deposition: NTR

Type:	Quantity:	Weight:	Remarks:

4. **Utilization**

   a. **Daily Man-hours:**

Labor Category:	Task #:	M/H Used Today:	M/H Remaining:	% M/H Remaining:	Remarks:
Project Manager					
SUXOS					
UXO Tech. III					
UXO Tech. II					
UXO Tech. I					
Laborer					
UXOSO	0	14			
UXOQCS					
Admin Personnel					
Visitor					
Supervisor					
Equipment Operator					
Sub-Contractor Personnel (List by Category)					
Work Stoppage: (List by time and Reason)					

b. Daily Equipment:

Description:	Task:	Hours Used:	Hours Remaining:	% Hours Remaining:	Remarks:
Schonstedt					
Geophysical					
Truck (Heavy)					
Truck (Light)					
Radio, Base					
Radio, Handheld					
Backhoe					
Front-end Loader					
Rental Car					
GPS					
Weedeater					
Chainsaw					
Chipper					
Excavator					

5. Weather:

Wind: 5-10

Rain: 0

Lightning: 0

Cloud Cover: Clear

6. Changes to the Work Plan SSHP, or New Policies or Procedures:

7. Injuries and/or Illnesses:

8. Operational Remarks: Call Reactives, Demob, Weekly QC meeting with Linda cole give CD of site photo, get map for Jeff, BOL for shipping sit photo

9. Signature / Date:

SUXOS / Project Manager

UXOSO

Date: 8/17/06

Bhate Environmental Associates, Inc.

SAFETY MEETING/TRAINING RECORD

DATE: 08/17/06 **TIME:** 0700 AM PM

LOCATION/SITE: Cheatham Annex

1. Reason for Meeting/Training: (Check all that apply)

✓	**Daily Safety Meeting/Training**
	Initial Site Safety Meeting/Training
	New Task Briefing
	Periodic Safety Meeting/Training
	New Site Procedures
	New Site Information
	Periodic Review of Site Information
	Other (Explain):

2. Personnel Attending Meeting/Training:

Name	Signature	Company
Carl Duffey	[signature]	ET
Mike Mishoe	[signature]	ADMC
Gary DeVane	[signature]	ADMC
E. Shane Walker	[signature]	ADMC
Thomas Rivenbark	[signature]	ADMC
Eric Stout	[signature]	ET

Bhate Environmental Associates, Inc.

Safety Meeting/Training Record Con't:

3. Topics Covered (Check all that apply)

	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response Plan
	Site Characterization		Hazard Communities
	Biological Hazard(s)		On-Site Emergency
	Chemical Hazard(s)		On-Site Injuries/Illnesses
	Physical Hazard(s)		Evacuation Procedures
X	Heat Stress		Rally Point(s)
	Cold Stress		Emergency Communication
	Site Control		Directions to Medical Facility
	Work and Support Zones		Drug and Alcohol Policies
X	PPE		Medical Monitoring Program
	Air monitoring		Specific Task Training
	Safe Work Practices		Confined Spaces
	Engineering Controls and Equipment	X	Heavy Equipment
	Spill Containment Procedures		Other: (Specify)

4. Remarks:

5. Verification:

I certify that the personnel listed above on this record received the Information and/or Training described as indicated. Personnel not attending this meeting/training will receive said information/training prior to commencing their assigned duties.

UXO Safety Officer

Date: 8/17/06

DAILY OPERATIONS SUMMARY

DATE: 8/18/06

SITE / LOCATION: Cax IR Site 7-N

~~SUXSO: Earl Dennis~~ UXOSO JAMES RUTCLIFF

1. WORK SUMMARY

a. Work Accomplished:

	Number Completed	Total Remaining
(1) Survey		
(2) Preparation		
(3) Mag & Flag		
(4) Geophysical		
(5) Intrusive		
(6) Quality Control		
(7) Quality Assurance		

b. Discrepancies: CONSTRUCTION SUPORT + DEMOB SITE.

c. Inspection Results:

	Pass	Fail
(1) Quality Control		
(2) Quality Assurance		
(3) Safety		

2. INSTRUCTIONS RECEIVED FROM CUSTOMER REPRESENTATIVE:

3. UXO SUMMARY

a. UXO Located:

Type:	Quantity:	Live/Prac.:	Remarks:

b. Demolition Supplies Expended: NA

Type:	Quantity:	Remarks:

c. Scrap Generation / Deposition: NTR

Type:	Quantity:	Weight:	Remarks:

4. **Utilization**

   a. **Daily Man-hours:**

Labor Category:	Task #:	M/H Used Today:	M/H Remaining:	% M/H Remaining:	Remarks:
Project Manager					
SUXOS					
UXO Tech. III					
UXO Tech. II					
UXO Tech. I					
Laborer					
UXOSO		11			
UXOQCS					
Admin Personnel					
Visitor					
Supervisor					
Equipment Operator					
Sub-Contractor Personnel (List by Category)					
Work Stoppage: (List by time and Reason)					

b. **Daily Equipment:**

Description:	Task:	Hours Used:	Hours Remaining:	% Hours Remaining:	Remarks:
Schonstedt					
Geophysical					
Truck (Heavy)					
Truck (Light)					
Radio, Base					
Radio, Handheld					
Backhoe					
Front-end Loader					
Rental Car					
GPS					
Weedeater					
Chainsaw					
Chipper					
Excavator					

5. **Weather:**

Wind: 5-10

Rain: 0

Lightning: 0

Cloud Cover: Clear

6. Changes to the Work Plan SSHP, or New Policies or Procedures:

7. Injuries and/or Illnesses:

8. Operational Remarks:

Demob site, get word to make Hand sifter
get mitand.

9. Signature / Date:

SUXOS / Project Manager

ie XOSO

Date: 8/18/06

Bhate Environmental Associates, Inc.

SAFETY MEETING/TRAINING RECORD

DATE: 8/18/06 **TIME:** 0700 AM PM

LOCATION/SITE: Cheatham Annex

*safety glasses
*gloves
*Hearing protection

1. Reason for Meeting/Training: (Check all that apply)	
X	Daily Safety Meeting/Training
	Initial Site Safety Meeting/Training
	New Task Briefing
	Periodic Safety Meeting/Training
	New Site Procedures
	New Site Information
	Periodic Review of Site Information
	Other (Explain):

*cont tube install
*Send trucks

2. Personnel Attending Meeting/Training:

Name	Signature	Company
Eric Stout	[illegible]	ET
Carl Duffey	[illegible]	ET
Grady DeVaue	[illegible]	ADMC
E. Shane Walker	[illegible]	ADMC
Chris Walker	[illegible]	ADMC
THOMAS Rivenbark	[illegible]	ADMC
Mike Mishan	Mike Mishan	ADMC
Jeff Dickson	[illegible]	Bhate

Bhate Environmental Associates, Inc.

Safety Meeting/Training Record Con't:

3. Topics Covered (Check all that apply)

	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response Plan
	Site Characterization		Hazard Communities
	Biological Hazard(s)		On-Site Emergency
	Chemical Hazard(s)		On-Site Injuries/Illnesses
	Physical Hazard(s)		Evacuation Procedures
	Heat Stress		Rally Point(s)
	Cold Stress		Emergency Communication
	Site Control		Directions to Medical Facility
	Work and Support Zones		Drug and Alcohol Policies
	PPE		Medical Monitoring Program
	Air monitoring		Specific Task Training
	Safe Work Practices		Confined Spaces
	Engineering Controls and Equipment		Heavy Equipment
	Spill Containment Procedures		Other: (Specify)

4. Remarks:

5. Verification:

I certify that the personnel listed above on this record received the Information and/or Training described as indicated. Personnel not attending this meeting/training will receive said information/training prior to commencing their assigned duties.

Date: ____/____/____

_____

UXO Safety Officer

DAILY OPERATIONS SUMMARY

DATE: 8/14/06

SITE / LOCATION: Cox IR Site 7-N

~~SUXSO:~~ ~~Earl Dennis~~ UXO SAFETY James RATCLIFF

1. WORK SUMMARY

a. Work Accomplished:	Number Completed	Total Remaining
(1) Survey		
(2) Preparation		
(3) Mag & Flag		
(4) Geophysical		
(5) Intrusive		
(6) Quality Control		
(7) Quality Assurance		

b. Discrepancies: CONSTRUCTION SUPORT.

c. Inspection Results:	Pass	Fail
(1) Quality Control		
(2) Quality Assurance		
(3) Safety		

2. INSTRUCTIONS RECEIVED FROM CUSTOMER REPRESENTATIVE:

3. **UXO SUMMARY**

a. **UXO Located:** NTR

Type:	Quantity:	Live/Prac.:	Remarks:

b. Demolition Supplies Expended: NTR

Type:	Quantity:	Remarks:

c. Scrap Generation / Deposition:

Type:	Quantity:	Weight:	Remarks:
2" Lifting Lug	3	3	
1" Lifting Lug	3	1	
5150 Blank Fired	1	.001	
Frag	1/4	1/4	

4. **Utilization**

   a. **Daily Man-hours:**

Labor Category:	Task #:	M/H Used Today:	M/H Remaining:	% M/H Remaining:	Remarks:
Project Manager					
SUXOS					
UXO Tech. III					
UXO Tech. II					
UXO Tech. I					
Laborer					
UXOSO		14			
UXOQCS					
Admin Personnel					
Visitor					
Supervisor					
Equipment Operator					
Sub-Contractor Personnel (List by Category)					
Work Stoppage: (List by time and Reason)					

b. **Daily Equipment:**

Description:	Task:	Hours Used:	Hours Remaining:	% Hours Remaining:	Remarks:
Schonstedt					
Geophysical					
Truck (Heavy)					
Truck (Light)					
Radio, Base					
Radio, Handheld					
Backhoe					
Front-end Loader					
Rental Car					
GPS					
Weedeater					
Chainsaw					
Chipper					
Excavator					

5. **Weather:**

Wind: Clear

Rain: 0

Lightning: 0

Cloud Cover: 0

Daily Operations Summary Con't.

6. Changes to the Work Plan SSHP, or New Policies or Procedures:

7. Injuries and/or Illnesses:

8. Operational Remarks:

Found MEC Scrap when Diggin South Beach Filling in washed out spot. made Hand Sifter

9. Signature / Date:

SUXOS / Project Manager

EJ X050

Date: 8/19/06

Bhate Environmental Associates, Inc.

SAFETY MEETING/TRAINING RECORD

DATE: 8/19/06 **TIME:** 700 AM PM

LOCATION/SITE: Cheatham Annex

1. Reason for Meeting/Training: (Check all that apply)

	Daily Safety Meeting/Training
	Initial Site Safety Meeting/Training
	New Task Briefing
	Periodic Safety Meeting/Training
	New Site Procedures
	New Site Information
	Periodic Review of Site Information
	Other (Explain):

2. Personnel Attending Meeting/Training:

Name	Signature	Company
Eric Stout	Eric Stout	ET
Mike Mister	Mike Mister	ADMC
Ginny DeVaate	Ginny DeVaate	ADMC
E Shane Walker	E Shane Walker	ADMC
Chris Walker	Chris Walker	ADMC
Thomas Riverbark	Thomas Riverbark	ADMC
Jeff Dickson	Jeff Dickson	BEA

Bhate Environmental Associates, Inc.

Safety Meeting/Training Record Con't:

3. Topics Covered (Check all that apply)

	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response Plan
	Site Characterization		Hazard Communities
	Biological Hazard(s)		On-Site Emergency
	Chemical Hazard(s)		On-Site Injuries/Illnesses
	Physical Hazard(s)		Evacuation Procedures
	Heat Stress		Rally Point(s)
	Cold Stress		Emergency Communication
	Site Control		Directions to Medical Facility
	Work and Support Zones		Drug and Alcohol Policies
	PPE		Medical Monitoring Program
	Air monitoring		Specific Task Training
	Safe Work Practices		Confined Spaces
	Engineering Controls and Equipment		Heavy Equipment
	Spill Containment Procedures		Other: (Specify)

4. Remarks:

5. Verification:

I certify that the personnel listed above on this record received the Information and/or Training described as indicated. Personnel not attending this meeting/training will receive said information/training prior to commencing their assigned duties.

Date: ____/____/____

_____

UXO Safety Officer

Bhate Environmental Associates, Inc. Anomaly Dig Sheet

Date: 9-19-06

X	Y	Anomaly ID by Type	QTY	Item Description	Depth	Initial Condition	Approx. Length	Approx. Width	Approx. Weight	Found in Pit?	Piece of Frag?	Initial Disposition	Demolition Required
		MPPEH	3	2" Lifting Lug					3	Y	N		NO
		"	3	1" Lifting Lug					1	Y	N		"
		"	1	Blank 5.56 Fired					.001	Y	N		"
		"	1/4 lb	Frag					1/4	Y	Y		"

Remarks

DAILY OPERATIONS SUMMARY

DATE: 8/20/06

SITE / LOCATION: Cox IR Site 7-N

~~SUXSO: Earl Dennis~~ UXOSO James Rutcliff

1. WORK SUMMARY

a. Work Accomplished:	Number Completed	Total Remaining
(1) Survey		
(2) Preparation		
(3) Mag & Flag		
(4) Geophysical		
(5) Intrusive		
(6) Quality Control		
(7) Quality Assurance		

b. Discrepancies: Construction Support, work on site Roto.

c. Inspection Results:	Pass	Fail
(1) Quality Control		
(2) Quality Assurance		
(3) Safety		

2. INSTRUCTIONS RECEIVED FROM CUSTOMER REPRESENTATIVE:

On Thr. 8-17-06 Linda Cole Ask For site Roto OF Geo Tub Told her will have Them mon.

3. UXO SUMMARY

a. **UXO Located:** NA

Type:	Quantity:	Live/Prac.:	Remarks:

b. Demolition Supplies Expended: NA

Type:	Quantity:	Remarks:

c. Scrap Generation / Deposition: NTR

Type:	Quantity:	Weight:	Remarks:

4. **Utilization**

   a. **Daily Man-hours:**

Labor Category:	Task #:	M/H Used Today:	M/H Remaining:	% M/H Remaining:	Remarks:
Project Manager					
SUXOS					
UXO Tech. III					
UXO Tech. II					
UXO Tech. I					
Laborer					
UXOSO		10			
UXOQCS					
Admin Personnel					
Visitor					
Supervisor					
Equipment Operator					
Sub-Contractor Personnel (List by Category)					
Work Stoppage: (List by time and Reason)					

b. **Daily Equipment:**

Description:	Task:	Hours Used:	Hours Remaining:	% Hours Remaining:	Remarks:
Schonstedt					
Geophysical					
Truck (Heavy)					
Truck (Light)					
Radio, Base					
Radio, Handheld					
Backhoe					
Front-end Loader					
Rental Car					
GPS					
Weedeater					
Chainsaw					
Chipper					
Excavator					

5. **Weather:**

Wind: 5-10

Rain: 0

Lightning: 0

Cloud Cover: Clear

6. **Changes to the Work Plan SSHP, or New Policies or Procedures:**

7. **Injuries and/or Illnesses:**

8. **Operational Remarks:** Stand By For Construction

9. **Signature / Date:**

SUXOS / Project Manager

Date: 9/20/06

DAILY OPERATIONS SUMMARY

DATE: 8/21/06

SITE / LOCATION: Cox IR Site 7-N

~~SUXSO: Earl Demas~~ UXOSO James Ratcliff

1. WORK SUMMARY

a. Work Accomplished:	Number Completed	Total Remaining
(1) Survey		
(2) Preparation		
(3) Mag & Flag		
(4) Geophysical		
(5) Intrusive		
(6) Quality Control		
(7) Quality Assurance		

b. Discrepancies: Nav EOD Tech Div Tom Douglas To QA Group. Construction Standby

c. Inspection Results:	Pass	Fail
(1) Quality Control		
(2) Quality Assurance		
(3) Safety		

2. INSTRUCTIONS RECEIVED FROM CUSTOMER REPRESENTATIVE:

3. **UXO SUMMARY**

   a. **UXO Located:** NA

Type:	Quantity:	Live/Prac.:	Remarks:

b. Demolition Supplies Expended: NA

Type:	Quantity:	Remarks:

c. Scrap Generation / Deposition: NTR

Type:	Quantity:	Weight:	Remarks:

4. **Utilization**

   a. **Daily Man-hours:**

Labor Category:	Task #:	M/H Used Today:	M/H Remaining:	% M/H Remaining:	Remarks:
Project Manager					
SUXOS					
UXO Tech. III					
UXO Tech. II					
UXO Tech. I					
Laborer					
UXOSO		10			
UXOQCS					
Admin Personnel					
Visitor					
Supervisor					
Equipment Operator					
Sub-Contractor Personnel (List by Category)					
Work Stoppage: (List by time and Reason)					

b. **Daily Equipment:**

Description:	Task:	Hours Used:	Hours Remaining:	% Hours Remaining:	Remarks:
Schonstedt					
Geophysical					
Truck (Heavy)					
Truck (Light)					
Radio, Base					
Radio, Handheld					
Backhoe					
Front-end Loader					
Rental Car					
GPS					
Weedeater					
Chainsaw					
Chipper					
Excavator					

5. **Weather:**

Wind: 5-15

Rain: Trace

Lightning: 0

Cloud Cover: Partly

Daily Operations Summary Con't.

6. Changes to the Work Plan SSHP, or New Policies or Procedures:

7. Injuries and/or Illnesses:

8. Operational Remarks:

Tom Douglas check scrap, ~~site~~ Scale Drum. Construction Stand By. Suport. ADMC Day on Beach For Tez Guy.

9. Signature / Date:

~~SUXOS / Project Manager~~

UXOSO

Date: 9/21/06

DAILY OPERATIONS SUMMARY

DATE: 8/22/06

SITE / LOCATION: Cax IR Site 7-N

~~SUXSO:~~ ~~Earl Dennis~~ UXO SO

1. WORK SUMMARY

a. Work Accomplished:

	Number Completed	Total Remaining
(1) Survey		
(2) Preparation		
(3) Mag & Flag		
(4) Geophysical		
(5) Intrusive		
(6) Quality Control		
(7) Quality Assurance		

b. Discrepancies: Fed Ex Drum, can Timberline, Fedex Boxes OFF Site, Demob Site on 23rd

c. Inspection Results:

	Pass	Fail
(1) Quality Control		
(2) Quality Assurance		
(3) Safety		

2. INSTRUCTIONS RECEIVED FROM CUSTOMER REPRESENTATIVE:

3. UXO SUMMARY

a. UXO Located: NA

Type:	Quantity:	Live/Prac.:	Remarks:

b. Demolition Supplies Expended: NA

Type:	Quantity:	Remarks:

c. Scrap Generation / Deposition: NA

Type:	Quantity:	Weight:	Remarks:

4. **Utilization**

   a. **Daily Man-hours:**

Labor Category:	Task #:	M/H Used Today:	M/H Remaining:	% M/H Remaining:	Remarks:
Project Manager					
SUXOS					
UXO Tech. III					
UXO Tech. II					
UXO Tech. I					
Laborer					
UXOSO		10			
UXOQCS					
Admin Personnel					
Visitor					
Supervisor					
Equipment Operator					
Sub-Contractor Personnel (List by Category)					
Work Stoppage: (List by time and Reason)					

b. **Daily Equipment:**

Description:	Task:	Hours Used:	Hours Remaining:	% Hours Remaining:	Remarks:
Schonstedt					
Geophysical					
Truck (Heavy)					
Truck (Light)					
Radio, Base					
Radio, Handheld					
Backhoe					
Front-end Loader					
Rental Car					
GPS					
Weedeater					
Chainsaw					
Chipper					
Excavator					

5. **Weather:**

Wind: 5-20

Rain: 0

Lightning: 0

Cloud Cover: Clear - Partly ~~Cloud~~ Cloudy

Daily Operations Summary Con't.

6. Changes to the Work Plan SSHP, or New Policies or Procedures:

7. Injuries and/or Illnesses:

8. Operational Remarks:

Fedex Pickup Drum (Scrap), ADMC Demob
Ship 2 Boxes 1 Inert Small Pack TO Tim.

9. Signature / Date:

~~SUXOS / Project Manager~~
UXOSO

Date: 8/22/06

APPENDIX D

EXPLOSIVES AND SCRAP DOCUMENTATION

Date [illegible]
Lanin 169 MAR Davis RD
Chatham Annex
Williamsburg VA 23185

Tim Berline
24925 Highway 108
Long Spring CA
95335

DD FORM 1348-1A, JUL 91 (EG) ISSUE RELEASE/RECEIPT DOCUMENT

DOCIDENTIFIER	RI FROM	W GT	LINE ITEM	QUANTITY	SUPPLEMENTARY ADDRESS	SIG	FUND	DISTRIBUTION	PROJECT	PRI	REQ DELIV DATE	ADV	RI	DIC	MOD	UNIT PRICE	DOLLARS	CTS

LBS 50

1. TOTAL PRICE | 2. SHIP FROM | 3. SHIP TO | 4. MARK FOR | 5. DOC DATE | 6. NMFC | 7. FRT RATE | 8. TYPE CARGO | 9. PS | 10. QTY. REC'D | 11. UP | 12. UNIT WEIGHT | 13. UNIT CUBE | 14. UFC | 15. SL | 16. FREIGHT CLASSIFICATION NOMENCLATURE | 17. ITEM NOMENCLATURE | 18. TY CONT | 19. NO CONT | 20. TOTAL WEIGHT | 21. TOTAL CUBE | 22. RECEIVED BY | 23. DATE RECEIVED

PREVIOUS EDITION MAY BE USED

24. DOCUMENT NUMBER & SUFFIX (01-44)

25. NATIONAL STOCK NO. & ADD (0-12)

26. REC (1-6) UI (23-24) QTY (25-29) CON CODE (31) DST (35-50) UP (74-80)

27. ADDITIONAL DATA

"This certifies that the Ammunitions, Explosives, and Dangerous Articles (AEDA) residue, Range Residue, and/or Explosive Contaminated Property listed have been 100% (percent) properly inspected and to the best of our knowledge and belief are inert and/or free of explosives or relate material."

Date 9-21-06
Certifying Officer,
UXO Safety
James Riddiff

Date 8/31/06
Verification Official,
Senior UXO Supervisor/NAVECDT Ecol DIV
Thomas E Douglas Jr

PerFORM (DLA)

Cheatham Annex
Site 7
Virginia
(850)420-3888

Timberline

DD FORM 1348-1A, JUL 91 (EG) ISSUE RELEASE/RECEIPT DOCUMENT

DOC CD	RI FROM	MAS	UNIT	QUANTITY	SUPPLEMENTARY ADDRESS	SIG	FUND	DISTRIBUTION	PROJECT	PRI	REQD DELIV DATE	ADV	RI	OP	CONTROL	MGT

1. TOTAL PRICE | 2. SHIP FROM | 3. SHIP TO

UNIT PRICE (DOLLARS, CTS) | DOLLARS | CTS

4. MARK FOR

144.5 lbs

5. DOC DATE | 6. NMFC | 7. FRT RATE | 8. TYPE CARGO | 9. PS

Scarred 703400

10. QTY. REC'D | 11. UP | 12. UNIT WEIGHT | 13. UNIT CUBE | 14. UFC | 15. SL

16. FREIGHT CLASSIFICATION NOMENCLATURE

17. ITEM NOMENCLATURE
Munitions Scrap "Certified" Barrel #1

18. TY CONT | 19. NO CONT | 20. TOTAL WEIGHT | 21. TOTAL CUBE

22. RECEIVED BY | 23. DATE RECEIVED

24. DOCUMENT NUMBER & SUFFIX (30-44)

25. NATIONAL STOCK NO. & ADD (8-22)

26. RIC (4-6) UI (23-24) QTY (25-29) CON CODE (71) DIST (55-56) UP (74-80)

27. ADDITIONAL DATA

"This certifies that the Ammunitions, Explosives, and Dangerous Articles (AEDA) residue, Range Residue, and/or Explosive Contaminated Property listed have been 100% (percent) properly inspected and to the best of our knowledge and belief are inert and/or free of explosives or relate material."

Date 8-9-06
Certifying Officer,
UXO Safety

Date 8-9-06
Verification Official,
Senior UXO Supervisor / NAVEODTECH DIV

PREVIOUS EDITION MAY BE USED

PerFORM (DLA)

CONSIGNEE DELIVERY RECEIPT

DATE: 08/22/2006

Freight Bill Number: 117264403 R0 TNBR Number:

Trailer # 2312442

Consignee
TIMBERLINE ENCIRON SER
29925 HIGHWAY 108
COLD SPRINGS
CA 95335-9702 US

Shipper
BHATE ENVIRONMENTAL
CABIN 169 DAVIS ROAD
CHEATHAM ANNEX
WILLIAMSBURG
VA 23185 US

PIECES	HM	HM	DESCRIPTION	WEIGHT	NMFC	PCF CLASS	RATE	TOTAL CHARGES
1 REMIT	TC		$$$$$$$$ DRIVER COLLECT $$$$$$$$ SCRAP METAL ~~COD FOB PREPAID~~ BHATE ENVIRONMENTAL 1608 13TH AVENUE SOUTH SUITE 3 BIRMINGHAM AL 35205 US BEFORE: DEN 08/25/2006 FXF INTERREG SINGLE SHIPMENT :SINGLE SHIPMENT CHARGE :FUEL SURCHG LTL SHPT21.20% DRIVER COLLECT 2 COMPANY CHECKS PAY TO BHATE ENVIRONMENTA $ 360.98 PAY TO FedEx Freight $ 0.00 $$$$$$$$ C O D $$$$$$$$	150		050		
1	1		PREPAID - WITH COLLECT CHARGES	150				360.98

ANY ADDITIONAL SERVICES MAY RESULT IN ADDITIONAL CHARGES
*CHARGES SUBJECT TO CHANGE

Bill of Lading Number 1

P.O. Number

Page 1 of 1

Delv. Driver & #:

Date: 8/22/06 Arrive: 1555 Depart: 1605

# of Skids: # of Pcs: OS&D #:

Shipment received in apparent good order with wrap intact unless otherwise noted.

Received by: Exceptions:

FedEx Freight
Your North American Carrier

P.O. BOX 849002
SAN JOSE, CA 95184
fedex.com 1.866.393.4585

TIMBERLINE
Environmental Services
29925 Hwy 108, Cold Springs, CA 95335
209-965-3118
CAOffice@TimberlineEnvSv.com

September 6, 2006

Bhate Environmental
Attn: Tim King
220 Eglin Parkway, SE, Suite 6,
Ft. Walton Beach, FL 32548

Invoice # 090606-1

INVOICE
Scrap Disposal: Cheatham Annex

Gross Weight:	86 pounds @ $2.50 per pound	$215.00
Shipping		$ NA
Total		$215.00

Documentation enclosed.
Thank you for choosing Timberline.

Terms: 30 days
Remit to: Timberline Environmental Services
29925 Hwy 108
Cold Springs, CA 95335

CERTIFICATE OF DESTRUCTION

Releasing Generator Bhate (Cheatham Annex)
Gross weight 86 lbs

I certify that the items/assests listed were demilitarized in accordance with guidlines in the DoD 4160.21-M-1 and have been inspected by me and, to the best of my knowledge and belief contain no items of a dangerous nature.

The remaining components are recycled as allowed under 40CFR Chapter 1, Part 261.

Date Sept. 6, 2006
By
Title Chief of Operations

Timberline Environmental Services

537 32763

FedEx Freight

PLACE PRO LABEL HERE

UNIFORM STRAIGHT BILL OF LADING

Original---Not Negotiable

SUBJECT TO THE TERMS AND CONDITIONS OF THE UNIFORM BILL OF LADING

Questions? Call 1.800.393.4915

Carrier SCAC Code: FXFE

Date Aug 17, 2006

Shipper's Bill of Lading # 1

Purchase Order #

Shipper # | **Shipper #**

SHIPPER (from) — Please provide zip codes and phone numbers — CONSIGNEE (to)

Shipper: BHATE ENVIRONMENTAL

Attn. to: JAMES RATCLIFF | Country Code: 001 | Area Code: 903 | Phone Number: 935.6860

Store | Dept. | Ste. | Flr. | Apt | Div.

Address: CABIN 169 MMR DAVIS ROAD

Address: CHEATHAM ANNEX

Address

City: WILLIAMSBURG

State: VA | Zip/Postal Code: 23185 | Country: US

Special Instructions: Call 903-935-6860 before pickup, Project Number 9030080

Consignee: COD - TIMBERLINE

Attn. to: TERRY NORTHCUTT | Country Code: 001 | Area Code: 209 | Phone Number: 965.3116

Store | Dept. | Ste. | Flr. | Apt | Div.

Address: 29925 HIGHWAY 108

Address

Address

City: COLD SPRINGS

State: CA | Zip/Postal Code: 95335 | Country: US

Special Instructions

BILL FREIGHT CHARGES TO: (if different than above)

Name: BHATE ENVIRONMENTAL ASSOCIATES INC

Mailing Address: 1608 13TH AVENUE SOUTH SUITE 300

City: BIRMINGHAM | State: AL | Zip/Postal Code: 35205 | Country: US | Country Code: 001 | Area Code: 205 | Phone Number: 918.4000

Freight charges are **PREPAID** unless marked collect.

CHECK BOX IF COLLECT ☐

C.O.D. $ **$360.98** **AMOUNT**

1. **The letters "C.O.D." must appear in box below consignee's name above.**
2. C.O.D. funds to be collected as: ☐ Certified Funds ☒ Company Check ☐ Personal Check
3. C.O.D. fee to be paid by: ☒ Shipper ☐ Consignee

REMIT C.O.D. TO: (if different than shipper above)

Name: BHATE ENVIRONMENTAL

Mailing Address: 1608 13TH AVENUE SOUTH SUITE 3

City: BIRMINGHAM | State: AL | Zip/Postal Code: 35205 | Country | Country Code: 001 | Area Code: 205 | Phone Number: 918.4000

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications, and rules that have been established by the carrier and are available to the shipper, on request, and to all applicable state and federal regulations, the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned, and destined as shown hereon, which said carrier agrees to carry to destination, if on its route, otherwise to deliver to another carrier on the route to destination. Every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, or otherwise referenced, which are hereby agreed to by the shipper and accepted for himself and his assigns.

NO. HANDLING UNITS Pieces	Pallets	HM	DESCRIPTION OF ARTICLES, KIND OF PACKAGE, SPECIAL MARKS AND EXCEPTIONS (subject to correction)	WEIGHT (LBS.)	NMFC ITEM # (subject to correction)	CLASS	CUBE
1	1		SCRAP METAL	150		50.0	
			BOL #:1				
			TOTAL WEIGHT	150			
			COD FEE PREPAID				
			SINGLE SHIPMENT CHARGE				

TOTAL HANDLING UNITS: Pieces - Pallets 1 Total 1

NOTE (1) Where the rate and carrier's liability for loss or damage may be dependent on value, shippers must state specifically in writing the agreed or declared value of the property as follows: "The agreed or declared value of the property is specifically stated by the shipper to be not exceeding _____ per ____."

Note (2) Liability Limitation for loss or damage on this shipment shall be applicable as provided by contract or in the current NMFC or the carrier's governing tariffs. The Shipper may increase liability coverage by checking the appropriate box and completing the required information. Selecting excess liability coverage will result in additional charges in accordance with carrier's FAF 100 series rates tariff. Excess coverage is not available for NEW articles with actual, declared or released value provisions that are specifically outlined in the NMFC. Not selecting an optional coverage option is considered to be a waiver of same and standard liability coverage will apply.

☐ The article(s) described above are **NEW, with standard liability coverage of $25** per pound per package or $100,000 per incident, whichever is lower. Shipper requests Excess Liability Coverage in the amount of $ _____ per pound (not to exceed $50 per pound per package). In no event shall carrier's liability for NEW articles exceed the actual value of the articles or $50 per pound per package, whichever is less, with a maximum of $100,000 per incident.

☐ The article(s) described above are **USED or RECONDITIONED, with standard liability coverage of $0.50** per pound per package or $10,000 per incident, whichever is lower. Shipper requests Excess Liability Coverage in the amount of $5 per pound per package. In no event shall carrier's liability for **USED or RECONDITIONED** articles exceed the actual value of the articles or $5 per pound per package, whichever is less, with a maximum of $10,000 per incident.

NOTE (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation with ordinary care. See Sec. 2(e) of NMFC Item 360.

FOR INTERNATIONAL SHIPMENTS PLEASE INDICATE BELOW THE NAME AND PHONE NUMBER OF BROKER:

Broker Name _____ Phone Number _____

FOR FREIGHT COLLECT SHIPMENTS

Subject to Section 7 of conditions of applicable bill of lading. If this shipment is to be delivered to the consignee, without recourse on the consignor, the consignor shall sign the following statement. The carrier may decline to make delivery of this shipment without payment of freight and all other lawful charges.

Consignor Signature _____

SHIPPER CERTIFICATION

This is to certify 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.

Shipper Signature _____ Date _____

CARRIER CERTIFICATION

Carrier acknowledges receipt of packages and required placards. Carrier certifies emergency response information was made available and/or carrier has the DOT emergency response guidebook or equivalent document in the vehicle.

SINGLE SHIPMENT	DATE	DRIVER/EMPLOYEE NUMBER AND SIGNATURE	TRAILER #
Circle One (Y) N			

FXF-03292/106

APPENDIX E

QUALITY CONTROL DOCUMENTATION

Ebate Environmental Associates, Inc.

DAILY QUALITY CONTROL REPORT

Date: 8/11/06 Contract #: N62470-03-D-4194 Task Order #: 001

Site/Location: Cheatham Annex

Weather: Clear Temperature: 75-85 Rainfall: Trace

1. Preparatory Inspection:

Results:

2. QC Audits Performed

a. Operations: Check MPPEH scrap

Results: Scrap OK Drum Lock By Supos + myself

b. Safety:

Results:

c. Administrative:

Results:

d. Equipment: Check all equipment Check out sheets.

Results: Check have been done

Daily Quality Control Report Con't:

3. QC Performed (Grids)

Number of Grids QC'd: X Results: X # Pass X # Fail

Comments:

4. Follow Up Inspections and Results

Section(s):

Results:

5. Instructions Received:

Remarks:

QC Signature: James Ratliff Date: 8/11/06

Printed Name: JAMES RATLIFF

Bhate Environmental Associates, Inc.

DAILY QUALITY CONTROL REPORT

Date: 8/10/00 Contract #: N62470-03-D-4118 Task Order #: 0001

Page 1 of 2 Pages

Site/Location: Cheatham Annex

Weather: Rain Temperature: 80-90 Rainfall: 1"

1. Preparatory Inspection:

Results:

2. QC Audits Performed

a. Operations: Bins Pick up only 1 Dump

Results: To wet to move Bins

b. Safety:

Results:

c. Administrative:

Results:

d. Equipment:

Results:

Daily Quality Control Report Con't:

3. QC Performed (Grids)

Number of Grids QC'd: 8 Results: 8 # Pass 8 # Fail

Comments:

4. Follow Up Inspections and Results

Section(s):

Results:

5. Instructions Received:

Remarks:

QC Signature: [signature] Date: 8/10/06

Printed Name: JAMES RATCLIFF

Skate Environmental Associates, Inc.

DAILY QUALITY CONTROL REPORT

Date: 8/9/06 Contract #: N62470-03-D-4198 Task Order #: 001

Page 1 of 2 Pages

Site/Location: Cheatham Annex

Weather: Cloudy Temperature: 86-95 Rainfall: 0

1. Preparatory Inspection: Scrap To Be Shipped out

Results: Check Scrap all good.

2. QC Audits Performed

a. Operations: Final op Today

Results: Finished op Stand By For Subcont

b. Safety:

Results:

c. Administrative:

Results:

d. Equipment: Cleaning up equipment for shipping out

Results:

Daily Quality Control Report Con't:

3. QC Performed (Grids)

Number of ~~Grids~~ Bins QC'd: 2 Results: 2 # Pass _____ # Fail

Comments: Bins of scrap cleared for shipment

4. Follow Up Inspections and Results

Section(s):

Results:

5. Instructions Received:

Remarks:

QC Signature: [signature] Date: 7/9/06

Printed Name: James Ratcliff

Bhate Environmental Associates, Inc.

DAILY QUALITY CONTROL REPORT

Date: 7/18/06 Contract #: N62470-03-D-4198 **Task Order #:** 001

Site/Location: Cheatham Annex Site 7

Page 1 of 2 Pages

Weather: Clear Temperature: 98 Rainfall: 0

1. Preparatory Inspection: Set up Test Area

Results:

2. QC Audits Performed

a. Operations:

Results:

b. Safety:

Results:

c. Administrative:

Results:

d. Equipment: Set up Test Area, Had To Remove 16" Before Finding Clean Parts. Seeds 6", 12", 16"

Results:

3. QC Performed (Grids)

Number of Grids QC'd: 1 Results: 1 # Pass ____ # Fail

Comments: QC Surface along Beach That was Surface Cleaned For Tree & Brush Removal

4. Follow Up Inspections and Results

Section(s): ____

Results: ____

5. Instructions Received: ____

Remarks: ____

QC Signature: [signature] **Date:** 7/18/06

Printed Name: JAMES RATCLIFF

Bhate Environmental Associates, Inc.

DAILY QUALITY CONTROL REPORT

Date: 7/19/06 Contract #: N62470-03-D-4198 Task Order #: 001

Site/Location: Cheatham Annex Site 7

Page 1 of 2 Pages

Weather: Clear Temperature: 98 Rainfall: 0

1. Preparatory Inspection: Site Safety, Schonstedt use + Test

Results:

2. QC Audits Performed

a. Operations:

Results:

b. Safety: all safety equipment on site

Results:

c. Administrative:

Results:

d. Equipment: all Persons use Schonstedt Prefect all Test out good in Test site.

Results: all was good To go + Pass QC

Daily Quality Control Report Con't:

3. QC Performed (Grids)

Number of Grids QC'd: 8 Results: _____ # Pass _____ # Fail

Comments: _____

4. Follow Up Inspections and Results

Section(s): _____

Results: _____

5. Instructions Received: Set up Standoffs for use of Schangfolt.

Remarks: Use may at Level 2 or 3 till 1st ~~lower~~ Layer of Metal is Removed

QC Signature: [signature] **Date:** 7/19/06

Printed Name: James Ratcliff

Bhate Environmental Associates, Inc.

DAILY QUALITY CONTROL REPORT

Date: 7/20/06 Contract #: N62470-03D-41198 **Task Order #:** 001

Site/Location : Chatham Annex Site 7

Weather: Clear Temperature: 96-97 Rainfall: 0

1. Preparatory Inspection: Check Personl Certs + Quals, QC Beach Sweep check Other Reports.

Results: Certs Need update, Sweep Clear.

2. QC Audits Performed

a. Operations:

Results:

b. Safety: Personl Certs + Qualf

Results: Two Personl Short ~~Aerial~~ Medical Report

c. Administrative:

Results:

d. Equipment:

Results:

Daily Quality Control Report Con't:

3. QC Performed (Grids)

Number of Grids QC'd: 1 Results: X # Pass ____ # Fail

Comments: Check surface at Low Tide, Team did sweep.

4. Follow Up Inspections and Results

Section(s):

Results:

5. Instructions Received:

Remarks:

QC Signature: [signature] **Date:** 7/20/06

Printed Name: JAMES RATCLIFF

Bhate Environmental Associates, Inc.

DAILY QUALITY CONTROL REPORT

Date: 7/21/06 Contract #: N62470-03-D-4008 **Task Order #:** 001

Site/Location : Chatham Airex

Page 1 of 2 Pages

Weather: Clear Temperature: 97-101 Rainfall: 0

1. Preparatory Inspection: equipment inspection

Results:

2. QC Audits Performed

a. Operations:

Results:

b. Safety: Check all Inspection Sheet, Good To go

Results:

c. Administrative:

Results:

d. Equipment: Track Hoe + Truck

Results: all equipment in Running order

3. QC Performed (Grids)

Number of Grids QC'd: X Results: _____ # Pass _____ # Fail

Comments: _____

4. Follow Up Inspections and Results

Section(s): _____

Results: _____

5. Instructions Received: _____

Remarks: _____

QC Signature: _____ **Date:** 7/12/06

Printed Name: JAMES ROSCIFF

Bhate Environmental Associates, Inc.

DAILY QUALITY CONTROL REPORT

Date: 7/24/06 Contract #: N62470-03-D-4198 Task Order #: 001

Site/Location: Chatham Annex Site 7

Weather: Clear Temperature: 91-97 Rainfall: 0

1. Preparatory Inspection: Check Team working IAW Work Plan

Results: Team within Work Plan

2. QC Audits Performed

a. Operations:

Results:

b. Safety:

Results:

c. Administrative:

Results:

d. Equipment: Schonstedt

Results: Mag working within standards.

Daily Quality Control Report Con't:

3. QC Performed (Grids)

Number of Grids QC'd: 8 Results: _____ # Pass _____ # Fail

Comments: _____

4. Follow Up Inspections and Results

Section(s): _____

Results: _____

5. Instructions Received: _____

Remarks: _____

QC Signature: James Ratcliff **Date:** 7/24/07

Printed Name: James Ratcliff

Bhate Environmental Associates, Inc.

DAILY QUALITY CONTROL REPORT

Date: 7/25/06 Contract #: N62470-03-D-4198 Task Order #: 001

Site/Location: Chatham Annex Site 7

Weather: ~~Cloudy~~ Clear Temperature: 80-77 Rainfall: X

1. Preparatory Inspection: Check Team working

Results: Team within work Plan

2. QC Audits Performed

a. Operations:

Results:

b. Safety:

Results:

c. Administrative:

Results:

d. Equipment: Power Screen Training

Results:

3. **QC Performed (Grids)**

Number of Grids QC'd: 0 Results: _____ # Pass _____ # Fail

Comments: _____

4. **Follow Up Inspections and Results**

Section(s): _____

Results: _____

5. **Instructions Received:** Use of Power Screen

Remarks: Training Done By Cal Rep Antoine Johnson

QC Signature: [signature] **Date:** 7/25/06

Printed Name: James Ratcliff

Bhate Environmental Associates, Inc.

DAILY QUALITY CONTROL REPORT

Date: 7/26/06 Contract #: N62470-03-D-4194 Task Order #: 001

Site/Location : Cheatham Annex Site 7

Weather: Clear Temperature: 70-100 Rainfall: 0

1. Preparatory Inspection: Check Team Work

Results: Team within in work Plan

2. QC Audits Performed

a. Operations: Nov EnvTec Div insp check site

Results: all went well

b. Safety:

Results:

c. Administrative:

Results:

d. Equipment:

Results:

Daily Quality Control Report Con't:

3. QC Performed (Grids)

Number of Grids QC'd: 8 Results: _____ # Pass _____ # Fail

Comments: _____

4. Follow Up Inspections and Results

Section(s): _____

Results: _____

5. Instructions Received: _____

Remarks: _____

QC Signature: _____ **Date:** 7/26/06

Printed Name: JAMES RATCLIFF

Bhate Environmental Associates, Inc.

DAILY QUALITY CONTROL REPORT

Date: 7/27/06 Contract #: N62470 03-D-4198 Task Order #: 001

Site/Location: Cheatham Annex

Weather: Clear Temperature: 76-106 Rainfall: 0

1. **Preparatory Inspection:** all Inspected Done By Doug Murray of NOSSA.

   Results:

2. **QC Audits Performed**

   a. Operations:

      Results:

   b. Safety:

      Results:

   c. Administrative:

      Results:

   d. Equipment:

      Results:

Daily Quality Control Report Con't:

3. QC Performed (Grids)

Number of Grids QC'd: 0 Results: _____ # Pass _____ # Fail

Comments: _____

4. Follow Up Inspections and Results

Section(s): _____

Results: _____

5. Instructions Received: _____

Remarks: _____

QC Signature: _____ **Date:** 7/27/06

Printed Name: JAMES RUTLIFF

Bhate Environmental Associates, Inc.

DAILY QUALITY CONTROL REPORT

Date: 7/25/06 Contract #: N62470-03-D-4195 Task Order #: 001

Site/Location: Cheatham Annex

Weather: Partly Cloudy Temperature: 77-97 Rainfall: 0

1. Preparatory Inspection: QC Mag, equipment, Trucks Daily check out Log Books, Mag Test Pit, New Dig sheet with Earl

Results:

2. QC Audits Performed

a. Operations: New Dig sheet with Earl

Results:

b. Safety: all Insp Check Sheet, all safety equipment in Place

Results: all IAW WP

c. Administrative:

Results:

d. Equipment: all equipment in working order Trucks, Truck ~~Eqp~~ Hole

Results: all IAW WP

Daily Quality Control Report Con't:

3. **QC Performed (Grids)**

Number of Grids QC'd: 5 Results: 5 # Pass ____ # Fail

Comments: Transect Blue 0, Yellow 0, 1, 3, 4

4. **Follow Up Inspections and Results**

Section(s): ____

Results: ____

5. **Instructions Received:** Radio use in Hazard Area HERO

Remarks: HERO on all Radio

QC Signature: [signature] **Date:** 7/28/06

Printed Name: JAMES RATCLIFF

Bhate Environmental Associates, Inc.

DAILY QUALITY CONTROL REPORT

Date: 7/31/06 Contract #: N62470-03-D-4199 Task Order #: 0001

Site/Location: Chatham Abney

Weather: Clear Temperature: 97-99 Rainfall: X

1. **Preparatory Inspection:** QC Project yellow 5 Pass

Results:

2. **QC Audits Performed**

a. Operations: Day Called Due To Track Hole No Show + Time

Results:

b. Safety:

Results:

c. Administrative:

Results:

d. Equipment:

Results:

3. **QC Performed (Grids)**

Number of Grids QC'd: 1 Results: 1 # Pass _____ # Fail

Comments: Transect yellow 5 Pass

4. **Follow Up Inspections and Results**

Section(s): _____

Results: _____

5. **Instructions Received:** _____

Remarks: _____

QC Signature: James Ratcliff Date: 7/31/06

Printed Name: _____

Bhate Environmental Associates, Inc.

DAILY QUALITY CONTROL REPORT

Date: 8/1/06 Contract #: N62470-03-D-4198 Task Order #: 001

Site/Location: Chatham Annex

Weather: Clear Temperature: 97-104 Rainfall: R

1. Preparatory Inspection: QC Transect at Low Tide

Results: Transect under water at Low Tide

2. QC Audits Performed

a. Operations: Team Work

Results: Team Work IAW Work Plan

b. Safety:

Results:

c. Administrative:

Results:

d. Equipment: Truck Hole Has Been Check By Operator

Results:

Daily Quality Control Report Con't:

3. **QC Performed (Grids)**

Number of Grids QC'd: 8 Results: _____ # Pass _____ # Fail

Comments: 6 Need QC Have To ~~white~~ ~~white~~ Wait For LAW Tier

4. **Follow Up Inspections and Results**

Section(s): _____

Results: _____

5. **Instructions Received:** _____

Remarks: _____

QC Signature: [signature] **Date:** 8/1/06

Printed Name: JAMES RATCLIFF

Bhate Environmental Associates, Inc.

DAILY QUALITY CONTROL REPORT

Date: 8/2/06 Contract #: N62470-03-D-4194 Task Order #: 001

Site/Location : Cheatham Annex SITE 7

Weather: Clear Temperature: 87-104 Rainfall: 0

1. Preparatory Inspection: Check work site.

Results:

2. QC Audits Performed

a. Operations: all work Done IAW work Plan

Results:

b. Safety: Hot work Permit

Results: Permit on site

c. Administrative:

Results:

d. Equipment:

Results:

Daily Quality Control Report Con't:

3. QC Performed (Grids)

Number of Grids QC'd: 2 Results: 2 # Pass ____ # Fail

Comments: Transect yellow 2 + Blue 4 Pass RL.

4. Follow Up Inspections and Results

Section(s): ____

Results: ____

5. Instructions Received: ____

Remarks: ____

QC Signature: [signature] **Date:** 8/2/06

Printed Name: JAMES RATCLIFF

Bhate Environmental Associates, Inc.

DAILY QUALITY CONTROL REPORT

Date: 9/3/06 Contract #: N62470-03-D-4RR Task Order #: 001

Site/Location: Cheatham Annex Site 7 Page 1 of 2 Pages

Weather: Clear Temperature: 99-104 Rainfall: X

1. Preparatory Inspection: Check Team work

Results: all work IAW work Plan

2. QC Audits Performed

a. Operations:

Results:

b. Safety:

Results:

c. Administrative:

Results:

d. Equipment: Check on Power Screen

Results: all check out

3. QC Performed (Grids)

Number of Grids QC'd: 0 Results: _____ # Pass _____ # Fail

Comments: Transat Blue under water

4. Follow Up Inspections and Results

Section(s): _____

Results: _____

5. Instructions Received: Review Power Screen operation + safety.

Remarks: _____

QC Signature: [signature] Date: 8/3/06

Printed Name: JAMES RATCLIFF

Bhate Environmental Associates, Inc.

DAILY QUALITY CONTROL REPORT

Date: 8/4/06 Contract #: N62470-03-D-4198 Task Order #: 001

Site/Location: Cheatham Annex

Weather: Clear Temperature: 97-104 Rainfall: 0-1

1. **Preparatory Inspection:** Equipment, Screening OP Setup

Results:

2. **QC Audits Performed**

a. Operations: Screening OP

Results: Some Changes made But No Major Change From WP

b. Safety: all Safety equipment.

Results: Safety equipment in Place throughout

c. Administrative:

Results:

d. Equipment: Daily checks are Done on all equipment.

Results: all Daily Check Sheets are Being Recorde

Daily Quality Control Report Con't:

3. QC Performed (Grids)

Number of Grids QC'd: X Results: _____ # Pass _____ # Fail

Comments: 4 Transect Remove, under water at Low Tide

4. Follow Up Inspections and Results

Section(s): _____

Results: _____

5. Instructions Received: Set up For Screening OP

Remarks: all Person have Been Trend on screen OP.

QC Signature: [signature] Date: 8/4/06

Printed Name: JAMES RATCLIFF

Theta Environmental Associates, Inc.

DAILY QUALITY CONTROL REPORT

Date: 8/7/06 Contract #: N62470-01-D-4194 Task Order #: 001

Site/Location: Chatham Annex Site 7

Weather: Cloudy Temperature: 94-97 Rainfall: 0

1. Preparatory Inspection: Screening operational,

Results: Some Problems But Hope To have Them Fix

2. QC Audits Performed

a. Operations: Some Changes had To the made Items Pass over

Results: Change Operation,

b. Safety:

Results:

c. Administrative:

Results:

d. Equipment:

Results:

Daily Quality Control Report Cont'd:

3. QC Performed (Grids)

Number of Grids QC'd: 5 Results: 4 # Pass 1 # Fail

Comments: Blue Transect was QC all Pass, QC Items From Sifter OP Found Items in 30 yr Roll OFF

4. Follow Up Inspections and Results

Section(s): Sifter OP made Team Dump Roll OFF + go Throw Jagen

Results: Found No explosive Item in 1st RollOFF

5. Instructions Received: Sifter Screening OPrator

Remarks: Says Give OP Briefing

QC Signature: [signature] Date: 8/7/06

Printed Name:

Ebate Environmental Associates, Inc.

DAILY QUALITY CONTROL REPORT

Date: 9/5/06 Contract #: N62470-03-D 4194 Task Order #: 001

Site/Location : Chatham Annex

Weather: Cloudy Temperature: 80-95 Rainfall: 0

1. Preparatory Inspection: QC Site with TIFF To make Sure Site is Right For Tubs

Results: add Digging was Required

2. QC Audits Performed

a. Operations:

Results:

b. Safety:

Results:

c. Administrative:

Results:

d. Equipment:

Results:

Daily Quality Control Report Con't:

3. QC Performed (Grids)

Number of Grids QC'd: 8 Results: _____ # Pass _____ # Fail

Comments: No Scrap was Check & Ready For BC.

4. Follow Up Inspections and Results

Section(s): _____

Results: _____

5. Instructions Received: _____

Remarks: _____

QC Signature: [signature] Date: 8/15/06

Printed Name: JAMES RATCLIFF

Mead

COMPOSITION

UXO QL

Cheatham Annex

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B-802

7-17-06

800 Start work 1st Day on site get Work Plan
Read By all Personel.
No other work For QC
1700 End of Day

7-19-06

700 Start Day

730 QC Beach Were Team Did Surface Clear:
all Clear.

1240 Clear Test Point For Test Grad
Remove 18" For Clean Points, Place 3
Test ~~Pipe~~ Seed in Grad To Small For more
at 6", 12" + 16". Sightsteat 6A-52CX
Should Be Set No Higher Than 4 No Lower Than
2 To locate Items. also Take Poto of Site

1330 Back To office

1630 End of Day

3

7-19-06

700 Start Day

930 go To site Take Pofo & check spot were Lugs
Mag Found

900 go over Work Plain with Sykes.

1040 Return To Work site To check Tide Low
& do Test on ~~Forest~~ Beach for Mag Setting

1300 Back To office

1630 End of Day

4

7-20-06

700 Start work

900 QC 1st Pass on Surface Removal

1020 Back at Office for Paper Work

1150 QC Beach From Surface ~~Chrome~~ Swap. Pass.

1250 Back at Office

1500 go over Dig Sheet, Safety Report, Daily With Suxes

1730 End of Day

7-21-06 5

700 Start Work

830 Check Inspection Sheets For All equipment
Give Eirl Check Sheets.

930 Back To Office Check Safety Log + inspection
~~Safety Papers~~

1600 End Of Day

6 7-24-06

700 Start work
920 Check Teams Dig sheet + Daily Sucos Report
1800 Check Team.
1540 Back at office Paper work
1630 End of Day

7-25-06

7

700 Start ~~work~~ work Inspection By Navy Tec
1100 Check work site
1200 Lunch
1230 Training on Power screen
1430 Back To office For Paperwork &
Check mec scrap.
1630 End Of Day

4

7-26-06

600 Start Work, Check Team Work, Check
Transet Placment.
700 Back in office
715 To work site Talk To Nor Eddie on
Site QA, Test Pit, Dig 2nd Transet With
Track Hoe, GPS Re Set Points.
Fire Hidden N 4128988.0091
E 357412.393
~~Grell~~ Grell N 4128931.008
E 357434.990
Zone 18 North
WGS 84
1420 Dug marry on site Leave for office
To give him work Plain.
1430 at office Paperwork
1530 End of Day

7-27-06

600 Start Work, ~~Check~~ NOSSA insp.
1130 at Office Paper work
1140 go to yorktown NWSY to Base safety
office for Radio HERO Briefing.
1420 Back at office Briefing with
Linda Cole.
1530 End of Day

10 7-28-06

600 Start Day
630 QC Transect Blue 0 yellow 0,1,3,4
Check Log Books, equipment Paperwork
Mag Test Pit, go over New Rig Sheet with
Earl.
730 Back at office with Phone Person
810 Go To site
1430 Back at office Paperwork
1530 End Of Day

7-31-06

700 Start Day
~~730~~ 730 QC yellow 5 Pass Blue Transect was
Being Done or under water. Check Team
Working
1040 Back at office make map of Transect
Read DOES BTP19.
1330 Team go Home equipment No show No work
1400 End of Day

12

9-1-06

700 Start Work
730 QC Transit Water Too High
800 Check Track For Hole For armored
Placement, IAW Work Plan.
900 Check Team Work
1430 Back at Office
1610 End of Day

8-2-06

700 Start work
730 check Team work
900 Q.C. Transit yellow 2 + Blue 4 all other
under water
1330 Take Pod OF SITE
1420 Back To OFFice For Paper work
1645 End OF Day

14 8-3-06

700 Start Work
730 Check Team Work
1030 Check For Transit QC. under water.
1300 Setup of Power Screen.
1400 Meeting with Navy
1545 Back at office For Paper work.
1630 End of Day

8-4-06

700 Start Work

730 Check equipment Check Light, excavator, Front Loader
Screener, Trucks.

915 Set up Screening op

1040 Power screen Training

1041 Change Screen setup

1140 Lunch

1200 Back To office For Paperwork, on Hold
For Power Screen, Check Transect under water

1457 Lighting ~~Strick~~ Hold

1600 End of Day

16 8-7-06

700 Start work

7:45-800 Start sifting. After 3 scoops it was determined that there was too much for check by safety + Suxos. Also the sifter would fill up the Rodl off + front loader to fast. Jeff + Carl were called to see if we could find a smaller bin to dump into a larger one. it ~~as~~ was decided to dump the 2 screens on the ground. Suxos + safety decided to do one scoop at a time so the scrap can be check for items. Shannon took over the shifter op, I told him that we were not doing but one or two scoops. He told me something and got in the dog house I had found a lifting lug in the number 2 conveyor belt pile.

924 op was stopped while I took pictures, and was told by Earl they were dumping 15 scoops at a time " it would take too long to do it two at a time" I told Earl you can't check the scrap doing that much. he told me that he + Shannon could see what was going in and it was ok. I look inside both bins and could not QC the scrap because it was too high + could not see

5-7-06

That There was no ordnance or ordnance Scrap in The Bin. I also Told Earl That one Bin was Full + heavy on one side. he Told me That he could Send Shannon home + we could check The Scrap. But There would be no QC if we did That. Also Earth Tech would be in violation of The Work Plan Porgral 2.1.1.1 + 2.1.5.1.2.

10:02 Back To office. Earl Told me They were going To Start Dumping Scrap in The new.

10:20-10:30 Earl come To office + ask how They were doing + what was needed To Finish The Job. he ask Carl To come down To The site + asked me if I was happy with The OP, I Told him No, They need To check The Scrap more. he Told me how They were checking The Scrap They were watching it From The Track loader + Dog house. If They did any Thing more we would be here a month. Carl, Earl Talked To Jeff, Jeff Told Them There is Too much Junk in The Sand. Please.

10:43 called Back down To The Sight For changes To The OP

10:50 Back at site. change To of empty Bins To QC Scrap. Scrap will Now B Dumped on The ground, Spread out, checked, + Put in The Bins.

1415 QC Transect Blue 1, 2, 3, 5 all Pass QC

15

9-7-06

1500 Back to office for paper work.

1630 Back to site to meet Scrap Pick up.

1715 Scrap Pick up here.

~~1900~~

1750 Scrap Leaves site

1900 End of Day

9-9-06

700 START WORK

NO ~~QC~~ QC WORK IN THE AM

1300 QC SITE WITH JIFF more Digging Required

1500 Told No Scrap To QC.

Back To OFFCE For Paper work

1630 Hold For JIFF + Jack

1700 End OF Day

20

8-9-06

700 Start work
920 Back in office Paper work
1130 QC scrap good
1300 QC ~~other~~ Remainder of scrap good
1600 End of Day

8-10-06

700 START WORK, WORK ON SITE PLOT.
1630 END OF DAY

22

8-11-06

700 Start Work
800 Check scrap in MPPC Scrap Drum
" Check Checkout Sheets on all equipment.
900 Back at office work on Pots + weekcheck
1300 at site
1610 End of Day

8-14-06

700 Start Work

No QC work Today Demob of Earth Tech

Start Demob UXO Part of Site.

1600 End of Day.

24

9-15-06

700 Start Work
Demob UXO Part of Site.
1600 End of Day

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COMPOSITION

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UXO SAFETY

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8-302

7-17-06

800 Start Work
900 Safety Briefing
Check site check First-aid, Burn kit, BBP,
Fire extinguishers,
1200 Copy Forms, set up File, go over work Plan
with Tim.
1500 Talk To Fire Dept
1545 Work with Suxos on work Plan.
1700 End OF Day

7-19-06

700 Safety Briefing

830 ~~Paper~~ Paper Work

900 Briefing By Navy Rep Cole, Triplett, Wells.

955 ABC Fire Service Briefing For Site

1100 Hertz Repair Site Brief.

1330 Paper Work

1500 Check Site

1530 Bulkat Office

1630 End of Day

3 7-19-06

700 Safety Briefing
800 Check site Take Pots, Talk To UXO Tech
about Not Digging Till Armor is on Track Holes

1230 get Med List From Persoel

1300 Back To office For Paperwork

1409 Visitors From CNAMA

1530 Back To office For Paperwork
1720 End Of Day

4 7-20-06

700 Safety Briefing
800 Check site, check scrap, check Team working on Beach
10:20 Back at office Paper work
1400 meeting with Navy
1500 Paperwork
1730 End of Day

7-21-06

700 Safety Briefing

830 ~~Chek~~ Check safety equipment at work site + in Trucks, Truck Hole, Check site + Fuil Storage

930 Back in office

1040 Down Range To Check Teams
Told By Suxos That Joanna could ~~not~~ not
get Pay No Popper work + Carl Told me
Plexex Glass was ~~not~~ not Shiped

1145 Leave To Pick up Joanna in Newport News

1500 Drop Joanna at site Back in office

1600 End of Day

6

7-24-06

700 Safety Briefing, File Forms, Read EOD Range
Briefing + SOP
1000 Check Team
1215 go To Pass + ID To get Pass For
EOD Demo Range.

1400 Meet Navy EOD To go To Range
1540 Back at Office Paperwork
1630 End of Day

7-25-06

7

700 Safety Briefing, Inspection By Navy Tec
1100 Check Work Site
1200-1230 Lunch
1230 Training on Powerscreen
1430 Back To To Office Paperwork
1630 End Of Day

5

7-26-06

0600 Safety Brief Check Team work,
700 Back in office
715 To work site
1020 Check Team For OP Safety
1430 Back To office Paper work
1330 End OF Day

7-27-06

9 ~~10~~

600 Safety Brief, NOSSA insp
1130 at office for paper work
1140 go to yorktown NWSY to base safety
office for Radio HERD Briefing
1420 Back at office briefing with Linda Cafe
1530 End of Day

10 7-29-06

600 Safety Briefing
630 Check 1st aide Kids, Burn + Blood kit
Fire exy., PPE,
730 Back at office
810 go to site
1340 Check mel Group See DR 1349-1A
24 lbs.
1415 Talk to Carl Duffy about Shield for
Truck Hole.
1430 Back at office Paper work.
1500 End of Day

7-30-06

700 Safety Briefing
730 Check Team Work
1040 Back at Office Read Work Plan For
Screening.
1400 End OF Day

12 8-1-06

700 Safety Briefing
730 at work site check Team Work
all safe
740 Roy with environmental come by to check
on Hiy oil spill. give Jeff Report
"Herz equip. blow a hiy oil spilling oil on grown
Jeff called Bacc Hazmat."
840 Clean up spill.

1015 Check on Team working safe.
1430 Back at office for paperwork
1610 End of Day

9-2-06

13

700 Safety Briefing
930 Hot Work Permit For welding From Fire Dep
940 Check welder + welding supply. all good
Stand By When Carl Duffy welds on
Safety Chage.
1030 Check Team For safe work. Talk To Tim
1220 more welding, Team work
1300 Fuel come on To site.
1420 Back To office For Paper work.
1510 Hertz Delivers Loader For op + Pick up
1645 End OF Day

14 8-3-06

700 Safety Briefing
730 Check Team Port Doghouse make Road Block & Port
1300 START SET UP OF Power Screen
1400 meeting with Navy
1530 check Scrap
1545 Back at OFFice For Paper work
1600 Team Back at OFFice
1630 End of Day

8-4-06

700 Safety Briefing.
730 check all equipment safety equipment, set up screen op
915 Talk To mmR start op at 1300
1040 Power screen Training
1041 change screen setup
1125 Power screen call They will leave shop at 1300
1140 Team leave for lunch
1200 Back To Office For Paperwork, on Hold
For Power screen.
1400 call Back First Security, Safety To inform
We will start op mon Am.
1457 Lighting call Hold 327 Recheck
1505 Don From Power screen
1525 Don Leaves after Analing off cond screen.
1600 End of Day.

16 8-7-06

700 Safety Briefing
730 go To Sight To Check Screening op. equipment check out.
1002 Back To office.
1043 Back To site
1050 change in op
1500 Back To office
1620 go Back To site To meet ~~Ros~~ Roll off Pick up
1710 Roll off Pick up
1720 End of Day

8-8-06

700 Safety Briefing
800 Check 100' cutoff it was cut 8-7-06
and I was ~~not~~ NOT Told
900 Check Team For safe op.
1130-1230 Lunch
1500 Back To office For Paper work
1630 Hold For Jeff + Jack
1700 End Of Day I Hope

19 8-9-06

700 Safety Briefing
920 SIFT OP Finished Move equipment out
of Work Area To Top of Hill.
1130-1200 Lunch
1600 End of Day

9-10-06

700 Safety Briefing Start Work on site Pato.
in office.
1630 End of Day

20

8-11-06

700 Safety Briefing
800 go to site to check MPPE Seal, Lock Drum
900 Back at office work on Pato + Week checks
1300 Check site safety equipment. all good
1610 End of Day

8-14-06

700 Safety Briefing
730 Check Beach For Scrap. Seal Drum
With Lock + Seal 503400 get Keys From
Earl.
900 Back at office. Check on Sending MPPE Scrap out.
Start Demob of UXO Part of site.

1441 GeoTube co. on site. Review WP
1615 End of Day

22

9-15-06

700 Safety Briefing
945 Baker engaged site
1140 Down to site
1300 Back at office
1500 Supert for tube
1630 Leave site for shifting supply
1730 End of Day

8-16-06

700 Safety Briefing
Demob Packing Shipping Setup
1430 go to site
1615 Leave site For work in Room
1930 Office work in Room.
Copy Pots For Lindcote, WT of Scrap,
Bill of Lading, E-mail,
2200 End of Day

24

8-17-06

700 Safety Briefing go To SITE
830 Back at office
Demob work
950 Call Reactives To Release explosives
no Longer Needed
1000 Help Jeff out
1250 work on Demob

1400 Meeting with navy
1700 Leave SITE
1900 Fedex To get SITE mail
1900 in Room E-mail, SITE Photo, Bill of Loading
2200 End of Day

8-18-06

700 Safety Briefing
730 Check site
820 Back at office Demob + Help Jeffout
Stand By For Constrom
951 Reactive Call To Let me Know They got my
message We are Done
1256 Tim called To Tell me We will have To
Hand Sift The med ~~##~~ Pile in The Root Hole.
1520 go To Hardware Store With Jay From Backer
1800 Check site
1840 End of Day

26 8-19-06

700 Email, Safety Briefing
800 Send Fedex out, Pick-up Supply at Lowes
900 on Site Start Work on Screen.
1330 at office copy of Safety & Daily
1540 ADMC Dig up Beach To Fill Washed out
Spots under ~~Tarp~~ liner at South end
of Beach Found 4 Small 3 Large
Shiping Rings & a Fired 5.56 Blank.
Placed in Drum.
1710 on Stand By
1900 Crew Stop For Day go To Room
2000 Paper work + Photo, E-mail
2140 End of Day

9-20-06

700 Safety Briefing on site
903 at office get keys for drum check scale
1040 Back at office paper work, dig sheet, daily,
check BOL, 1348, sniffing cable for tomorrow
1230 Back to site, ADMC Dug trench to water
1300 on stand by
1700 ~~Life~~ leave ~~Sight~~ site make CD for Linde Cole
1800 End of Day

24

9-21-06

700 Safety Briefing Construction Stand By
Help Jeff out on Hold For Tom Douglas NEEDTec Div
1014 Tom Douglas on site check Scrap + Paperwork
1020 Tom Leaves. To Recoly OF 1349 :
~~10~~ I make Copy + Seal Drum.
1100 at office Paper work Demob Pack.
1300 at site
1340 ADM. ding along Bank For Toc.
1500 On site
1700 End OF Day

9-22-06

700 Safety Briefing, ADMC Finishing up Tube
work & will Demob when Finished.
on Hold For Fedex ~~Freat~~ Ground To Pick
up Drum.
1330 Fedex Pick up Drum. Back To office.
For Paper work. Call Timberline Drum is on way.
1400 on Hold For Truck POV Tran. went out
So have To Ride with Jeff. Hope
To Leave site Before 700pm.
End of Job, UXO Part
all went For Till Last Day when
my POV went Down.
When I get a Truck will Ship out Boxes
with This in small Pouch.

8020
Ser N539/XXXX
XX Aug 06

From: Commanding Officer, Naval Ordnance Safety and Security Activity
To: Commanding Officer, Naval Weapons Station Yorktown

Subj: AUDIT REPORT FOR SHORELINE STABILIZATION/GEOTEXTILE TUBE INSTALLATION AT IR SITE 7, OLD DUPONT DISPOSAL AREA, CHEATHAM ANNEX, NAVAL WEAPONS STATION YORKTOWN, VIRGINIA

Ref: (a) NOSSAINST 8020.15
(b) NOSSA ltr 8020 Ser N539/1179 of 19 Jul 06

Encl: (1) Audit Report

1. In accordance with reference (a) and announced by reference (b), the Naval Ordnance Safety and Security Activity (NOSSA) conducted an audit of the subject munitions response project on 27 Jul 06. The purpose of the audit was to assess compliance with applicable explosives safety requirements. The NOSSA auditor reviewed project documentation and observed field activities, including the quality control and quality assessment processes. The audit report is provided as enclosure (1).

2. The NOSSA point of contact for this audit is Mr. Douglas Murray, who can be reached at DSN 354-5630 or commercial (301) 744-5630.

PAMELA G. CLEMENTS
By direction

Copy to:
CNO (N45C1)
NAVFAC HQ (ENV)
NAVFAC MIDLANT
NAVWPNSTAKTON (N05PN)
NOSSA ESSOLANT (N5L)
NAVEODTECHDIV (N5013L)

AUDIT REPORT

Ref (a) OPNAVINST 8020.15
(b) NOSSAINST 8020.15
(c) OP5
(d) Final Explosives Safety Submission (ESS) for Shoreline Stabilization/Geotextile Tube Installation at IR Site 7, Old Dupont Disposal Area, Cheatham Annex, Naval Weapons Station Yorktown, Virginia of Dec 05
(e) Final Unexploded Ordnance (UXO) Work Plan Addendum of 25 May 06

1. Purpose: As part of its oversight authority delegated by reference (a), NOSSA selectively audits munitions response projects in accordance with references (b) and (c) to assess the extent to which the projects comply with applicable explosives safety and environmental requirements related to the management of Munitions and Explosives of Concern (MEC). NOSSA auditors also assess the contractor quality control (QC) and government quality assurance (QA) programs.

2. Audited MRP Project: Shoreline Stabilization/Geotextile Tube Installation at IR Site 7, Old Dupont Disposal Area, Cheatham Annex, Naval Weapons Station Yorktown, Virginia.

3. Audit team:

Name	Title	Agency/Activity
Douglas Murray	Lead Auditor	NOSSA (N539)

4. Key audit components:

a. Personnel contacted:

Name	Title	Agency/Activity
Linda Cole	Remedial Project Manager	MIDLANT (OPHREV4)
Tim King	OE/UXO Director	Bhate Environmental Associates, Inc. (Bhate)
Jeff Dixon	Site Manager	Bhate
Earl Dennis	Senior UXO Supervisor (SUXOS)	Earth Tech
James Ratcliff	UXO Safety Officer/ Quality Control Manager	Bhate

b. Documents audited: References (d) and (e).

c. Areas audited:

(1) Worker qualifications;

(2) Training and occupational safety and health practices;

(3) Quality Control/Quality Assurance (QC/QA) programs;

(4) Geophysical instrument operations;

(5) Anomaly excavation and removal operations;

(6) Explosives safety; and

(7) Environmental considerations.

d. Areas not audited due to there being no project activity while the audit team was on site:

(1) Soil screening operations; and

(2) Certification and verification of Material Potentially Presenting an Explosive Hazard (MPPEH).

5. Audit plan and checklist: (see enclosure (4) of reference (a)).

6. Methodology: Audits follow procedures similar to those outlined in "Guidelines for Auditing Quality Systems" and "Guidelines for Environmental Auditing—General Principles", both published by the American Society for Quality, and the "Guidance on Technical Audits and Related Assessments for Environmental Data Operations" published by the U.S. Environmental Protection Agency.

7. Discrepancies:

a. Seeded MEC surrogates in the test area were not placed into the ground at depths up to 3 feet. References (d) and (e) pertain.

b. Mobilized UXO teams did not consist of one SUXOS, two UXO Technician Level III personnel, and two UXO Technician Level II personnel. Reference (e) pertains.

c. Material Potentially Presenting an Explosive Hazard (MPPEH) recovered during the project were not being inspected, determined to be free of explosives, and held in a lockable container. References (d) and (e) pertain.

d. UXO teams were not recording the precise locations of each MEC (including MPPEH) item recovered from the site. Reference (e) pertains.

e. No form was available for UXO technicians to record detailed information regarding recovered MEC (including MPPEH). References (d) and (e) pertain.

f. Information pertaining to MEC (including MPPEH) recovered on 20 July did not match the amounts recorded on the "Daily Operations Summary" form. Reference (e) pertains.

g. The disposal plan was not reviewed and approved by the station Explosives Safety Officer. Reference (e) pertains.

h. The Miniature Open Front Barricade called for in reference (e) had not been approved for use. Reference (d) pertains.

i. Radios used on site were not certified safe in accordance with the Navy's Hazards of Electromagnetic Radiation to Ordnance (HERO) program. Reference (d) pertains.

8. Observations:

a. The hardened steel barrier built to protect the soil screening equipment operator must be reconfigured before it can be used. Currently, the barrier will not support the 3-inch Plexiglas® window through which the UXO technician observes screening operations.

b. During the audit NOSSA reviewed a contractor Field Change Request (FCR) dated 24 July that proposed to NAVFAC MIDLANT moving the screening operation to the south end of where the geotextile tubes will be installed. After reviewing

criteria in references (c) and (d), NOSSA finds that this proposal does not increase explosives safety hazards.

c. During the audit NOSSA reviewed a contractor FCR dated 26 July that proposed to NAVFAC MIDLANT changing the shoreline transect mag/dig operation that was submitted in reference (c) to an operation in which soils are excavated using a large backhoe and then processed through the power screen. NOSSA advised the contractor that such a mechanized approach would fundamentally increase explosives safety hazards and therefore must be submitted to NOSSA in the form of an amendment to reference (c).

9. Conclusions: Except as noted above, the UXO contractor is executing all operations in a safe and effective manner.

10. Recommendations: NAVFAC MIDLANT should analyze the root cause for each discrepancy, direct the contractor to take appropriate corrective action, and identify both in a response to NOSSA. As described in references (a) and (b), NOSSA requires satisfactory responses to audit discrepancies before it can provide final verification that the munitions response actions were adequately completed per the approved ESSs.

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RESPONSIVENESS • INTEGRITY • TEAMWORK

11 Aug 2006

To: Department of the Navy, Naval Facilities Engineering Command, Mid-Atlantic, 9742 Maryland Avenue, Norfolk, Virginia 23511-3095, Linda Cole

From: Bhate Associates, Inc. UXO Director, Tim King

Subject: Response to Comments Resulting from Naval Ordnance Safety and Security Activity (NOSSA) Quality Assurance Audit on 27 July 2006

1. In response to the official report received by Mr. Doug Murray, Naval Ordnance Safety and Security Activity (NOSSA), dated August 2006, Bhate has provided responses to the discrepancies listed in the report to assist you in your official reply. If there are any questions concerning our official response please call Tim King at (850)244-3556.

2. Discrepancies listed below are directly from the Audit Report for Shoreline Stabilization/Geotextile Tube Installation at IR Site 7, Old DuPont Disposal Area, Cheatham Annex, Naval Weapons Station Yorktown, Virginia, paragraph 7. Each discrepancy was analyzed for root cause and a corrective action was applied.

   a. Seeded MEC surrogates in the test area were into placed into the ground at depths up to 3 feet. References (d) and (e) pertain.

      Root Cause: A location for the seeded MEC surrogates was difficult to find in the immediate area adjacent to the site due to the abundance of metallic material. The hole that was excavated to bury the MEC surrogates was 3 feet deep but only 18 inches of fill sand was placed on top of them, which did not meet the 3 foot requirement.

      Corrective Action: Sand was purchased and the MEC surrogate items were reburied to a distance of 3 feet.

   b. Mobilized UXO teams did not consist of one SUXOS, two UXO Technician Level III personnel, and two UXO Technician Level II personnel. Reference (e) pertains.

      Root Cause: After discussion of the reduction of scope, which included reducing the MEC remediation by more than 40% of the original effort, Bhate and subcontractor agreed that having five UXO technicians on-site exceeded the general safety policy of using only those personnel required to complete the job in a safe and efficient manner.

      Corrective Action: An amendment to the Explosive Safety Submission to make the team composition on SUXOS, one Technician Level III and one UXO Technician

Level I was submitted to NOSSA and page changes were forwarded to the Bhate Project Manager for incorporation.

c. Material Potentially Presenting an Explosive Hazard (MPPEH) recovered during the project were not being inspected, determined to be free of explosives, and held in a lockable container. References (d) and (e) pertain.

Root Cause: MPPEH was inspected at the end of the day and placed into a 55-gallon steel drum which was not locked at the end of the day.

Corrective Action: All MPPEH recovered during the day is now scheduled to be inspected by the SUXOS and the UXOSO at the end of the day. Once this inspection is complete any material that is free of explosives is being placed into a locked container while awaiting shipment to the scrap facility.

d. UXO teams were not recording the precise locations of each MEC (including MPPEH) item recovered from the site. Reference (e) pertains.

Root Cause: Several lifting lugs and a fuze adapter were collected by the UXO team but the exact location using a global positioning system was not used.

Corrective Action: MEC and MPPEH are recorded on the Bhate UXO Anomaly Dig Sheet to include the actual location where the MEC or MPPEH was found, relative the site.

e. No form was available for UXO technicians to record detailed information regarding recovered MEC (including MPPEH). References (d) and (e) pertain.

Root Cause: The current Anomaly Dig Sheet provided within the UXO Work Plan did not capture all required detailed information.

Corrective Action: The Anomaly Dig Sheet provided in the current Work Plan has been revised to capture detailed information regarding recovered MEC and MPPEH.

f. Information pertaining to MEC (including MPPEH) recovered on 20 July did not match the amounts recorded on the "Daily Operations Summary" form. Reference (e) pertains.

Root Cause: The SUXOS did not carry the correct information for the Anomaly Dig Sheet provided by the UXO Team.
Corrective Action: The Daily Operations Form for 20 July 2006 and subsequent Daily Operations Form were verified and corrected. The SUXOS and UXOSO are now aware of the importance of these documents and their accuracy and will conduct a daily quality review of the Anomaly Dig Sheet and the Daily Operations Report.

g. The disposal plan was not reviewed and approved by the station Explosives Safety Officer. Reference (e) pertains.

Root Cause:

Corrective Action:

h. The Miniature Open Front Barricade called for in reference (e) had not been approved for use. Reference (d) pertains.

Root Cause: The Miniature Open Barricade (MOFB) was originally planned to be used during the early stages of planning but was later removed due to the inefficiency of this heavy device and the shore line being unstable. The ESS did not address the MOFB because it was decided that it would not be used and was removed from the ESS submitted for approval. The earlier version of the work plan, which was being developed at the same time the ESS was being submitted, inadvertently had the MOFB standoff distance placed into Appendix H, although it was not addressed in the UXO Work Plan.

Corrective Action: The MOFB called for in the Work Plan under Appendix H was mistakenly placed into the work plan but is not addressed in the actual document. Page H-3 safety measures were not utilized on the site. All copies of the ESS will have this page removed and electronic copies will have the page removed as well.

i. Radios used on site were not certified safe in accordance with the Navy's Hazards of Electromagnetic Radiation to Ordnance (HERO) program. Reference (d) pertains.

Root Cause: Bhate's subcontractor did not file the appropriate paper work to the Naval Weapons Station, Cheatham and Yorktown Safety Office for approval.

Corrective Action: The radios used were taken to Yorktown Safety Office and analyzed for HERO acceptability. All radios passed and were given a HERO Safe sticker for display.

3. If there are any questions concerning this audit response document please call Tim King at (850)244-3556.

Respectfully,

Tim King
OE/UXO Director

APPENDIX F

MISCELLANEOUS DOCUMENTATION

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24 July 2006

To: Department of the Navy, Atlantic Division, Naval Facilities Engineering Command, 6506 Hampton Boulevard, Norfolk, Virginia 23508-1278, Linda Cole

From: Bhate Associates, Inc. UXO Director, Tim King

Subject: Change to *UXO Work Plan Addendum, Shoreline Stabilization/Geotextile Tube Installation at IR Site 7 – Old DuPont Disposal Area, Dated May 25, 2006*

This letter is to inform the Naval Ordnance Safety and Security Activity (NOSSA) of a change to subject document, paragraph 3.2.3 Screening Operations during MEC Excavation of Upland Area, location of the screening machine in accordance with Figure 3-3, dated 01 January 2006. The location of the screening operation is currently shown to be located near buildings 169 and 170 on the upland side of the work area. After mobilization to the site it was decided by the UXO Team that the best place for the screening operation would be to the south end of the geotextile tubes behind the natural embankment (Figure 3-3). This new location will not degrade the safety of the operation nor place the base populace in any increased danger. The new location enhances the overall safety of the screening operation by placing it below the natural embankment, creating a barrier between the Morale, Welfare, and Readiness facilities and Chase Road.

In accordance with the *Explosive Safety Submission, Shoreline Stabilization/Geotextile Tube Installation at IR Site 7 – Old DuPont Disposal Area Naval Weapons Station Yorktown Cheatham Annex, Yorktown, Virginia, Dated December 2005*, and the subject document, the screening operation can be located anywhere within the working area of the munitions and explosives of concern (MEC) remediation operation, as long as it remains within the original working/exclusion area.

A copy of this letter is required to be sent to Doug Murray, NOSSA (N539) in accordance with NOSSA Instruction 8020-15, Military Munitions Response Oversight, dated 8 March 2004, paragraph 7.g. The address is COMMANDING OFFICER NAVAL ORDNANCE SAFETY AND SECURITY ACTIVITY, ATTN: N5, 101 STRAUSS AVE., BLDG D327, INDIAN HEAD, MD 20640-5555. If there are any questions please call Tim King at (850)420-3888.

Respectfully,

Tim King

Tim King

bhate

8 Aug 2006

To: Department of the Navy, Naval Facilities Engineering Command, Mid-Atlantic, 9742 Maryland Avenue, Norfolk, Virginia 23511-3095, Linda Cole

From: Bhate Associates, Inc. UXO Director, Tim King

Subject: Amendment to *Explosive Safety Submission, Shoreline Stabilization/Geotextile Tube Installation at IR Site 7 – Old DuPont Disposal Area Naval Weapons Station Yorktown Cheatham Annex, Yorktown, Virginia, Dated December 2005* for UXO Technicians on Site

1. The purpose of this letter is to amend the subject explosive safety submission (ESS), paragraph 6.4.1.1 Exclusion Zone and paragraph 6.4.3.1 MEC Recovery. The Explosive Safety Submission (ESS) currently requires that any identification of munitions and explosives of concern (MEC) will be identified by "…two UXO Technician II or III and marked…" The change to the ESS will state "The MEC will be identified by two UXO Technicians and marked IAW the approved WP for future disposition."

2. Changes to the work plan are attached to this amendment letter and will be copied and placed into each copy of the ESS dated December 2005.

3. A copy of this letter is required to be sent to Doug Murray, NOSSA (N539) in accordance with NOSSA Instruction 8020-15, Military Munitions Response Oversight, dated 8 March 2004, paragraph 7.g. The address is COMMANDING OFFICER NAVAL ORDNANCE SAFETY AND SECURITY ACTIVITY, ATTN: N5, 101 STRAUSS AVE., BLDG D327, INDIAN HEAD, MD 20640-5555. If there are any questions please call Tim King at (850)420-3888.

Respectfully,

Tim King

Tim King

Attached:
Change 1 to ESS Dated December 2006, 2 pages

EXPLOSIVES SAFETY SUBMISSION

SHORELINE STABILIZATION/GEOTEXTILE TUBE
INSTALLATION AT IR SITE 7 – OLD DUPONT DISPOSAL AREA
NAVAL WEAPONS STATION YORKTOWN

CHEATHAM ANNEX,
YORKTOWN, VIRGINIA

RECORD OF REVIEW AND AMENDMENTS

All review and amendments to this plan will be summarized here. The Installation Restoration Program Manager in the NAV FAC Mid-Atlantic Environmental Officer will be responsible for maintaining the updated copy of this plan.

DATE	ESS	SECTION	AMENDMENT	INITIALS
11 August 2006	Team Composition	6.4.1.1 and 6.4.3.1	#1	TFK

Once the exclusion zone is extended, the UXO Team will attempt to identify the MEC material. The MEC will be identified by two UXO Technicians and marked IAW the approved WP for future disposition. If detonation cannot be arranged the same day as the MEC is identified, a guard will be posted during the non-working hours to ensure the item is not disturbed by the public. The data to be recorded for each item discovered during anomaly excavation will include the following (as applicable):

- Type (e.g., munitions debris (MD), material presenting a potential explosive hazard (MPPEH), UXO, and non-MEC Scrap)
- Description (e.g., "projo, 20-mm, practice, MK105" and "base, coupling, firing device")
- Initial Condition (e.g., expended, inert, live, and to be determined [TBD])
- Approximate length
- Approximate width
- Depth
- Approximate weight
- Found in a pit?
- Piece of frag?
- Initial disposition (e.g., left in place and removed to scrap pile)
- Requires demolition?

All data will be turned into the site SUXOS at the end of the day. Based upon the determination of the MEC being safe or unsafe to move, the UXO Team will prepare for a blow-in-place at Site 7 or transportation to the NWS Yorktown OB/OD Range for disposal.

6.4.2 Excavation of Upland Area Using EMM

MEC items discovered during sweep operations will be recovered, identified, and marked by contractor UXO technicians in accordance with the approved WP.

The SUXOS will mark the upland area in a grid coordinate utilizing a large map for tracking purposes. Once the UXO Team has cleared a sector, the SUXOS will mark on the map that this area has been cleared. The grid to be cleared will be marked using white or blue pin flags as a method of identification of the MEC type. Once the grid is cleared, the senior UXO Team member will indicate in his daily log to report to the SUXOS as the end of the operation or duty day, which ever the SUXOS directs. A 2-foot reference line will be placed on the backhoes extension arm to assist in the total depth of excavation. A UXO Team member will also carry a

Upon completion of the excavation, soil will be placed back onto the embankment to provide a slope necessary to accommodate the installation of the geotextile tubes and geomembrane protective layer.

6.4.3.1 MEC Recovery

During the screening operations of the upland area, if any MEC material is discovered all operations will immediately cease. The UXO Team will immediately notify the SUXOS who will positively identify the MEC item. The MEC will be identified by two UXO Technicians and marked IAW the approved WP for future disposition. If detonation cannot be arranged the same day as the MEC is identified, a guard will be posted during the non-working hours to ensure the item is not disturbed by the public. The data to be recorded for each item discovered during anomaly excavation will include the following (as applicable):

- Type (e.g., MD, MPPEH, UXO, and non-MEC Scrap)
- Description (e.g., "projo, 20-mm, practice, MK105" and "base, coupling, firing device")
- Initial Condition (e.g., expended, inert, live, and to be determined [TBD])
- Approximate length
- Approximate width
- Approximate weight
- Piece of frag?
- Initial disposition (e.g., left in place and removed to scrap pile)
- Requires demolition?

All data will be turned into the site SUXOS at the end of the day. Based upon the determination of the MEC being safe or unsafe to move, the UXO Team will prepare for a blow-in-place at Site 7 or transportation to the NWS Yorktown OB/OD Range for disposal.

6.5 Shoreline Operations

The shoreline area will be cleared of all debris and MEC material using a mag/dig approach. If MEC or explosive contaminated scrap is found during investigation of these transect strips, then a complete removal action in the remainder of the 25 feet by 300 feet area of concern will be undertaken. A total area of 300 feet long by 25 feet wide from the low tide mark out to the shore will be cleared using the mag and dig approach. This area will be divided into grids for the purpose of data collecting. Each grid will be an area of 50 feet long by 25 feet wide and all anomalies will be investigated using the following methods with UXO Technicians. To gain access to a subsurface anomaly, excavation will be initiated to the side of the anomaly, and will not be conducted directly over the anomaly until such time as the depth of the anomaly can be

11 August 2006

To: Department of the Navy, Naval Facilities Engineering Command, Mid-Atlantic, 9742 Maryland Avenue, Norfolk, Virginia 23511-3095, Linda Cole
Bhate Remediation Field Team

From: Bhate Associates, Inc. UXO Director, Tim King

Subject: Change Request to *Final UXO Work Plan Addendum, Shoreline Stabilization/Geotextile Tube Installation at IR Site 7 – Old DuPont Disposal Area, Dated May 25, 2006*

1. This letter is to instruct field personnel working at Cheatham Annex Site 7 to conduct the following tasks to the subject document:

- Replace the Anomaly Dig Sheet with the attached Anomaly Dig Sheet (Change 1)
- Remove page H-3 from Appendix H in its entirety.
- Post the UXO Work Plan Record of Review and Amendments behind the cover page of the UXO Work Plan
- Post this letter behind the UXO Work Plan Record of Review and Amendments.

2. If there are any questions or comments you may contact me at (850)244-3556.

Respectfully,

Tim King

Tim King

Attached:
Appendix A Anomaly Dig Sheet (Change 1)
UXO Work Plan Record of Review

Bhate Environmental Associates, Inc. Anomaly Dig Sheet (Change 1)

Date:

X	Y	Anomaly ID by Type	QTY	Item Description	Depth	Initial Condition	Approx. Length	Approx. Width	Approx. Weight	Found in Pit?	Piece of Frag?	Initial Disposition	Demolition Required

Remarks

UXO WORK PLAN

SHORELINE STABILIZATION/GEOTEXTILE TUBE
INSTALLATION AT IR SITE 7 – OLD DUPONT DISPOSAL AREA
NAVAL WEAPONS STATION YORKTOWN

CHEATHAM ANNEX,
YORKTOWN, VIRGINIA

RECORD OF REVIEW AND AMENDMENTS

All review and amendments to this plan will be summarized here. The Installation Restoration Program Manager in the NAVFAC Mid-Atlantic Environmental Officer will be responsible for maintaining the updated copy of this plan.

DATE	Work Plan	SECTION	AMENDMENT	INITIALS
11 August 2006	Anomaly Dig Sheet and H-3 Removal	Appendix A and Appendix H	#1	TFK

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RESPONSIVENESS • INTEGRITY • TEAMWORK

11 August 2006

To: Department of the Navy, Naval Facilities Engineering Command, Mid-Atlantic, 9742 Maryland Avenue, Norfolk, Virginia 23511-3095, Linda Cole
Bhate Remediation Field Team

From: Bhate Associates, Inc. UXO Director, Tim King

Subject: Change Request to *Final UXO Work Plan Addendum, Shoreline Stabilization/Geotextile Tube Installation at IR Site 7 – Old DuPont Disposal Area, Dated May 25, 2006*

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- Post this letter behind the UXO Work Plan Record of Review and Amendments.

2. If there are any questions or comments you may contact me at (850)244-3556.

Respectfully,

Tim King

Tim King

BHATE ENVIRONMENTAL ASSOCIATES INC.

DAMAGED EQUIPMENT/VEHICLE ACCIDENT REPORT

Bhate

Control Number:_____
Insurance File #:_____
Vendor File #:_____

This is an official document to be initiated by ~~USA Personnel~~. Be thorough, accurate, and answer all questions that apply.

BACKGROUND INFORMATION

TODAY'S DATE: 8 / 1 / 06 DAMAGE/ACCIDENT DATE: 7 / 31 / 06

TIME DAMAGE/ACCIDENT OCCURRED: 16 30 AM (PM) DAY: S (M) T W T F S

TIME DAMAGE/ACCIDENT REPORTED: 16 35 AM (PM)

LOCATION OF OCCURRENCE: Davis + Chase Rd Site 7 CAX Yorktown Naval Weapons Station Va.

WEATHER CONDITIONS: (CLEAR) OVERCAST RAIN FOG SNOW OTHER:_____

TEMPERATURE RANGE: -0 0-32 32-50 50-70 70-85 (85-100) 100+

WIND: (NONE LIGHT) MODERATE HIGH

ACTIVITY AT TIME OF DAMAGE/ACCIDENT: unloading Excavator

WERE INJURIES SUSTAINED? ____YES X NO

IF YES, NUMBER OF PERSONNEL:____ WERE INJURY REPORTS FILED?___YES ___NO

PERSON OPERATING EQUIPMENT/VEHICLE

LAST NAME: Hertz FIRST NAME:_____ MI:____

SSN:____-____-____ DATE OF HIRE:____/____/____ TEAM NUMBER:_____

SUBCONTRACTOR: X YES ____NO

POSITION/OCCUPATION: Driver of transport truck

ADDRESS/TELEPHONE NUMBER: Hertz - Virginia Beach Va

DAMAGED EQUIPMENT/VEHICLE ACCIDENT REPORT CON'T:

CONTROL NUMBER:_____
INSURANCE FILE #:_____
VENDOR FILE #: _____

EQUIPMENT/VEHICLE DESCRIPTION

OWNERS NAME AND TELEPHONE NUMBER (ie: Hertz, COE, US Rentals):_____

EQUIPMENT/VEHICLE DESCRIPTION (include make, model, type, etc.):_____
Transport truck

IDENTIFICATION NUMBER(S) (ie; VIN, serial, license, Government/company ID number(s):___
Ho-12 of Va Beach

DESCRIBE NATURE OR EXTENT OF DAMAGE: hydraulic line on truck ruptured, lost 1-2 gallon of fluid onto ground surface.

HOW WOULD YOU CLASSIFY THE DAMAGE? X SUPERFICIAL ___MINOR ___MAJOR

SUPPORTING DOCUMENTATION

HAS A POLICE REPORT BEEN FILED? X YES ___ NO

IF YES, POLICE REPORT NUMBER: unknown

IS POLICE REPORT ATTACHED? ___ YES X NO

IF NO, WHEN WILL POLICE REPORT BE AVAILABLE? ?

POLICE TELEPHONE NUMBER: 911

ARE WITNESS STATEMENTS AVAILABLE? X YES ___ NO

IF YES AND NOT ATTACHED EXPLAIN: available from Military Security

DAMAGED EQUIPMENT/VEHICLE ACCIDENT REPORT CON'T:

CONTROL NUMBER: _____
INSURANCE FILE #: _____
VENDOR FILE #: _____

ANALYSIS

WERE SAFETY REGULATIONS, GUIDANCE, POLICIES, OR LAWS VIOLATED?

___ YES X NO IF YES, EXPLAIN: _____

PHOTOGRAPHS TAKEN? X YES ___ NO IF YES, LOCATION OF PHOTOGRAPHS: site of spill

CORRECTIVE ACTIONS/RECOMMENDATIONS TO BE TAKEN/IMPLIMENTED: cleaning of impacted soil - dug up and put into bags & will determine transport + disposal

IDENTIFY ANY SUPPORTING/ADDITIONAL DOCUMENTS: Navy environmental report from Roy Snowden & Wilcox Wells Report VOICE

ANALYSIS PREPARED BY: Jeff Dickson DATE: 8/1/06

SIGNATURE: [signature]

SENIOR UXO SUPERVISOR: Earl DENNIS

RECOMMENDATIONS: NONE - INCIDENT HANDLED APPROPRIATELY.

SIGNATURE: [signature] DATE: 8/1/06

USA PROJECT MANAGER: Jeff Dickson

CONCUR WITH ACTIONS/RECOMMENDATIONS: X YES ___ NO

REMARKS: Navy inspection determined No further action

SIGNATURE: [signature] DATE: 8/1/06

DAMAGED EQUIPMENT/VEHICLE ACCIDENT REPORT CON'T:

CONTROL NUMBER: _____
INSURANCE FILE #: _____
VENDOR FILE #: _____

REPAIR/REPLACEMENT DATA

ESTIMATED COST OF REPAIR: unknown DOWN TIME: 2 hrs

ESTIMATED COST OF REPLACEMENT: unknown REPLACE TIME: _____

INSURANCE CLAIM FILED? ___ YES X NO IF YES, DATE: ___/___/___

IS THIS A PAY DIRECT? ___ YES X NO AMOUNT: _____

DATE DEDUCTIBLE PAID: ___/___/___ AMOUNT: _____

DATE VENDOR PAID: ___/___/___ AMOUNT: _____

DATE INSURANCE PAID: ___/___/___ AMOUNT: _____

DATE CLOSED: ___/___/___

SUPPORTING DOCUMENTS ATTACHED? ___ YES X NO

IF YES, IDENTIFY: _____

COMMENTS: _____

REVIEWED BY: SIGNATURE [signature]

NAME James Ratcliff

TITLE/POSITION UXOSO DATE: 8/1/06

APPROVED BY: SIGNATURE _____

NAME _____

TITLE/POSITION _____ DATE: ___/___/___

VISITORS LOG

Project Location: Cheatham Annex Site 7

Month of: July

DATE:	NAME:	AGENCY OR COMPANY:	PURPOSE OF VISIT:	SAFETY BRIEFING:	ESCORT REQ:	TIME IN:	TIME OUT:	REMARKS:
7/17/06	Lopez	Fire Dept	Site insp		N	1530	1545	
7/17/06	COLE	NAVY	MTG		Y	920	1100	
7-17-06	Triplett	NAVY	MTG.		Y	9:20	1100	
7-17-06	WELLS	NAVY	MTG		Y	920	1100	
7-18-06	TORNEY	ABC FIRE ENGINEERING	INSPECTION		N	9:55	1050	
7-18-06	HAGI	SHAW	Road Call		Y	11:50	1240	
7/18-06	DAVE	Hertz	Road Call		Y	11:00	1240	
7/19/06	Rhonda	CNRMA	ENV. OPS		Y	1400	1527	
7/19/06	ROY	CNRMA	ENV		Y	1400	1527	
7/19/06	Pinkhow	GOD DETACH	GOD RANGE		N	1530	1630	
7/24/06	K. Wood	PITRA	SITE VISIT		Y	1010	1025	
7-24-06	T Doug	NAVFAC DET	SITE VISIT		N	1230	1330	
7-24-06	A BURR	NAVFAC DET	SITE VISIT		N	1230	1330	
7-25-06	Antoine	Powerscreen	Site visit		Y	1014	1500	
7/25/06	Dan	Powerscreen	Delivery		Y	1208	1500	
7/25/06	Jesse	Powerscreen	Delivery		Y	1208	1500	
7-26-06	A BURR	NAVFAC	site visit		N	0710	1500	
7/26/06	T Doug	NAVFAC	QA		N	0710	1500	
7/27/06	Bill Nash	NWS/Y SAFETY	SAFETY		Y	0653	0730	
7/27/06	Cole	NAVFAC	QC		Y	0653	0730	
7/27/06	A. Foreman	PITRA	Survey		Y	0855	1500	
7/27/06	M. KRIEGER	PITRA	SURVEY		Y	0855	1500	