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REPORT FOR MUNITIONS AND EXPLOSIVES OF CONCERN TIME CRITICAL REMOVAL ACTION AT SITE 12 EOD AREA NAS BRUNSWICK ME

3/1/2012

TETRA TECH

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FOR
MUNITIONS AND EXPLOSIVES OF CONCERN
TIME CRITICAL REMOVAL ACTION
AT
SITE 12 EOD AREA

NAVAL AIR STATION BRUNSWICK

BRUNSWICK, MAINE

COMPREHENSIVE LONG-TERM

ENVIRONMENTAL ACTION NAVY (CLEAN) CONTRACT

N62470-08-D-1001

CONTRACT TASK ORDER WE09

Submitted to:

Naval Facilities Engineering Command Mid-Atlantic
9742 Maryland Avenue
Norfolk, Virginia 23511

March 2012

Submitted by:

Tetra Tech
234 Mall Boulevard, Suite 260
King of Prussia, Pennsylvania 19406

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ACRONYMS

APP	Accident Prevention Plan
ATF	Alcohol, Tobacco, and Firearms
bgs	Below Ground Surface
BIP	Blow-In-Place
BNAS	Brunswick Naval Air Station
BRAC	Base Realignment and Closure
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulations
CLEAN	Comprehensive Long-Term Environmental Action Navy
CO	Commanding Officer
CORS	Continuously Operating Reference Station
CSM	Conceptual Site Model
CTO	Contract Task Order
DDESB	Department of Defense Explosive Safety Board
DERP	Defense Environmental Restoration Program
DID	Data Item Description
DoD	Department of Defense
EFT	Equipment Function Test
EGIS	Environmental Geographical Information System
EM	Engineering Manual
EOD	Explosives Ordnance Disposal
EP	Engineering Pamphlet
ESQD	Explosive Safety Quantity Distance
ESS	Explosive Safety Submission
EZ	Exclusion Zone
FCR	Field Change Request
FMBW	Former Munitions Bunker West
FS	Feasibility Study
FUDS	Formerly Used Defense Sites
FY	Fiscal Year
G.I.	Government Issue
GPS	Global Positioning System
GSV	Geophysical System Verification

HASP	Health and Safety Plan
HDOP	Horizontal Dilution of Precision
HE	High Explosive
HFD	Hazardous Fragmentation Distance
IBD	Inhabited Building Distance
ISO	Industry Standard Object
IVS	Instrument Verification Strip
JATO	Jet Assisted Take Off
LUC	Land Use Control
MC	Munitions Constituents
MD	Munitions Debris
MDAS	Material Documented as Safe
MDEH	Material Documented as an Explosive Hazard
MEC	Munitions and Explosives of Concern
MFD	Maximum Fragmentation Distance
MGFD	Munition with the Greatest Fragmentation Distance
mm	millimeter
MPPEH	Material Potentially Presenting an Explosive Hazard
MRP	Munitions Response Program
MRS	Munitions Response Site
NAS	Naval Air Station
NAVEODTECHDIV	Naval EOD Technical Division
NAVFAC	Naval Facilities Engineering Command
NAVSEA	Naval Sea System Command
NCP	National Oil and Hazardous Substances Pollution Contingency Plan
NEW	Net Explosive Weight
NOSSA	Navy Ordnance Safety and Security Activity
NOSSAINST	Navy Ordnance Safety and Security Activity Instruction
OP	Operations Pamphlet
OPNAVINST	Naval Operations Instruction
OSHA	Occupational Safety and Health Administration
PA	Preliminary Assessment
PDOP	Position Dilution of Precision
POC	Point of Contact
QA	Quality Assurance
QC	Quality Control

RI	Remedial Investigation
RPM	Remedial Project Manager
SARA	Superfund Amendments and Reauthorization Act
SCAR	Sub-caliber Aircraft Rocket
SI	Site Inspection
SUXOS	Senior Unexploded Ordnance Supervisor
Tetra Tech	Tetra Tech NUS, Inc.
TCRA	Time Critical Removal Action
TP	Technical Paper
USACE	United States Army Corps of Engineers
U.S.C.	United States Code
UXO	Unexploded Ordnance
UXOQCS	UXO Quality Control Specialist
UXOSO	UXO Safety Officer

EXECUTIVE SUMMARY

Tetra Tech, Inc. (Tetra Tech) was retained by the Unites States Department of Navy (Navy) and contracted by Naval Facilities Engineering Command (NAVFAC) Mid-Atlantic to perform a Time Critical Removal Action (TCRA) at Site 12 Explosive Ordnance Disposal (EOD) Area [and Former Munitions Bunker West (FMBW) Area] at Naval Air Station (NAS) Brunswick, Maine. The work was conducted for Contract Task Order (CTO) WE09 under the Comprehensive Long-Term Environmental Action Navy (CLEAN) Contract No. N62470-08-D-1001. The NAS Brunswick TCRA was completed in approximately 11 weeks beginning May 27, 2010 (installation of portable Type 2 magazines and utility clearances) and ending October 1, 2010 [material documented as safe (MDAS) removal from site].

The purpose of munitions and explosives of concern (MEC) removal action activities at Site 12 EOD Area was to mitigate potential exposure to the current surface munitions explosive hazards so that construction vehicles and foot traffic would be protected during nearby construction of the Marine Corps Armed Forces Reserve Center as part of the Base Realignment and Closure (BRAC). Information and data gathered during the MEC investigation and removal action was used, as appropriate, to revise the conceptual site model (CSM) for the site and plan for future remedial activities.

The Site 12 EOD Area investigation and clearance began on June 21, and was completed on August 6, 2010. (The FMBW Area investigation began on August 2 and was completed on August 11, 2010; FMBW is mentioned because some activities and field forms apply to both sites). The total area included in the Site 12 EOD Area investigation and clearance was approximately 23 acres (85 survey grids of 100-foot by 100-foot size). The Site 12 EOD Area investigation of 2010 included a detector-aided surface survey over all accessible areas within the perimeter road of the site, which excluded the pond, designated wetlands, and a steep rocky slope. The wetlands and steep rocky slope were excluded in a field change request (FCR) for environmental and safety reasons but field activities were later completed in November 2011 following receipt of guidance from the Maine Department of Environmental Protection (MEDEP) during the March 2011 technical meeting. The pond was excluded because of the complexity in addressing the potential presence of munitions, that may be present and requiring discussion with Stakeholders to develop a well thought out approach and so the pond was not included in the TCRA scope of work.

In addition, 12 trenches were excavated in and around the central area of the site near the existing and historical berms (1981 and 1993), using a shielded excavator to investigate subsurface anomalies identified during the Site Inspection (SI) geophysical investigation in 2008. No subsurface investigation

was conducted at the suspect 1978 berm, which was located northeast of the existing berm and recently discovered in December 2011 by the state regulators in an aerial photograph. In addition, limited subsurface investigation was conducted at the 1996 berms located adjacent to the existing berm (east and southeast), which was located on an undated Navy map, provided by the MEDEP, during the December 6, 2011 technical meeting and identified in a 1996 aerial photograph. The 1978 and 1996 berms will be addressed in a future investigation.

Identification and treatment via donor charge of MEC and material potentially presenting an explosive hazard (MPPEH) items were completed as necessary. The 2010 TCRA at Site 12 EOD Area resulted in six detonation shots to treat via donor charge MEC/MPPEH items found on site. Munitions-related debris certified as MDAS was collected and containerized for off-site recycling/disposal.

MEC/MPPEH items identified and treated during the detector-aided surface survey included the following:

- Inert 500-pound Mk82 bomb with Mk31 Safety Device in fuze well
- Multiple fuzes (unknown types) and components
- 40 millimeter (mm) cartridge cases with live primers
- 40mm practice grenade
- M-18 smoke grenades with and without fuzes
- 60mm mortar, empty
- Bulk propellant filler exposed in an unknown rocket type
- 20mm projectiles with and without fuzes
- M904 bomb nose fuze
- 75mm projectile base
- ANMk228 tail fuze, fully loaded
- Gator mine (labeled inert)

MEC/MPPEH items identified and treated during the subsurface trenching survey included the following:

- unknown fuzes
- Small amount of bulk high explosives (HE)

Numerous MDAS items were identified during the surface and subsurface survey, which were segregated for demilitarization. MDAS was discovered associated with three of the 12 trenches (Trenches 7, 8, and

10) located within a historical berm area. Only non-munitions debris was encountered at the other trenches.

MDAS items identified during the UXO detector-aided surface survey included the following:

- 2.25-inch SCAR Warhead (solid steel)
- 81mm practice mortar, empty and unfuzed
- 75mm projectile base, empty

MDAS items identified during the trenching survey included the following:

- 75mm projectile base
- Various munitions-related fragments and scrap
- Ballistic shield
- 40mm cartridge base
- Ejection cartridge base
- 37mm cartridge base
- 2.5-inch rocket motor
- Rocket motor venture
- 2.25-inch sub-caliber aircraft rocket (SCAR) solid steel warhead
- 2.75-inch rocket venture
- Rotating band (5 inch)
- Mk34 torpedo,
- Unknown fuzes

There are indications (inert items, items filled with concrete, items labeled inert, items painted blue) for some items found outside the primary berm areas such as the S12-G2-01 (Inert Mk82 500-pound bomb with Mk31 Safety Device in the fuze well) and item S12-G1-38 (gator mine) that these items were inert training items. The items do not appear to be kick-outs from the identified berms but were most likely placed within the perimeter road during a training exercise. Therefore, in addition to the potential for kickouts, training activities could have occurred anywhere within the perimeter road.

Non-munitions debris identified during the detector-aided surface survey and subsurface trenching activities included approximately 1,800 pounds of rebar-reinforced concrete, concrete culverts, two empty 55-gallon drums found on the ground surface, and scrap sheet metal. The 55-gallon drums were used to

consolidate small scraps of non-munitions-related items. This quantity of non-munitions debris material was unexpected at Site 12 EOD Area based on the CSM developed after the SI that assumed all or most items encountered would be munitions related; large quantities of non-munitions debris indicated that the site was also used for landfilling of non-munitions debris. Because landfilling activities occurred at Site 12 EOD Area, anomalies that are not related to munitions can be expected throughout the site. The majority of the site's subsurface has not been investigated or cleared and may still contain MEC/MPPEH.

The TCRA resulted in the clearance of all accessible areas of the ground surface at the site, which excluded the pond. Based on the findings, it is recommended decreasing the site boundary, which was originally based on the inhabited building distance (IBD), to approximately the extent of the perimeter road in the north, west, and south and encompassing the pond to the east, based on the available historical aerial photographs, results of the previous investigations, and the TCRA results. The TCRA was effective in removing surface MEC hazards and reducing exposure to personnel passing near or through the accessible areas of the site. However, although the planned land use does not include intrusive activities, subsurface MEC hazard and potential exposure is still suspected because a subsurface clearance action was not completed and so, long term, erosional processes such as frost heave or heavy precipitation may expose munitions-related items that remain in the subsurface.

A discussion with stakeholders concerning a path forward regarding the remaining data gaps is required. Data gap areas include the following:

- The pond was not surveyed during the TCRA but may contain munitions related material. Discussions are required on the feasibility and scope of investigating these not readily accessible areas.

- The subsurface in and around the existing and historical berm area located in the central area of the site may contain munitions-related items. The existing berm, in particular, presents an attractive nuisance for potential receptors based on the planned future land use as a wildlife conservation and educational area by the public. Discussions involving potential remedial activities for this area are required.

- Discussions of the scope of analytical sampling to determine if munitions constituents (MC) in site media present significant risk.

- Discussions of the scope of analytical sampling to determine if non-munitions related disposal activities are a concern and present significant risk.

Land use restrictions for excavation and groundwater use have been voluntarily enacted by the base and are currently in place as specified in the NAS Brunswick Instruction 5090.1c (Navy, 2008b) until May 30, 2011. After May 30, the Navy will develop and implement standard operating procedures and instruction to control site access until the signing of a Record of Decision following the Remedial Investigation (RI)-Feasibility Study (FS). Additional requirements for this site after base closure may include public outreach education programs, deed restrictions, and LUCs.

1.0 INTRODUCTION

1.1 PURPOSE OF REPORT

This Report for the Time Critical Removal Action (TCRA) of munitions and explosives of concern (MEC) describes the results of MEC investigation/removal action activities to address the past use of MEC at Munitions Response Program (MRP) Site 12 Explosive Ordnance Disposal (EOD) Area at Naval Air Station (NAS) Brunswick, Maine (Figure 1-1). This TCRA was conducted simultaneously with the Former Munitions Bunker West (FMBW) Area TCRA, which is addressed in a separate report. (The FMBW Area investigation is mentioned because some activities and field forms apply to both sites). Tetra Tech NUS, Inc. (Tetra Tech) performed this work under the Comprehensive Long-Term Environmental Action Navy (CLEAN) Contract Number N62470-08-D-1001, Contract Task Order (CTO) WE09.

The purpose of MEC removal action activities at Site 12 EOD Area was to mitigate potential exposure to the current surface munitions explosive hazards so that construction vehicles and foot traffic would be protected during nearby construction of the Marine Corps Armed Forces Reserve Center as part of the Base Realignment and Closure (BRAC) property transfer process. However, because a subsurface clearance action was not completed, erosional processes such as frost heave or heavy precipitation may expose munitions-related items that remain in the subsurface. NAS Brunswick was designated for closure and is undergoing property transfer by BRAC with an operational closure date of September 15, 2011. Information and data gathered during the MEC investigation and removal action was used, as appropriate, to revise the conceptual site model (CSM) for the site.

1.2 SCOPE OF WORK

Field activities included an unexploded ordnance (UXO) detector-aided survey of surface soil over all accessible areas within the site perimeter road and an intrusive investigation of 12 trenches within the central historical berm area to confirm the presence of MEC and munitions-related items. No subsurface investigation was conducted at the suspect 1978 berm, which was located northeast of the existing berm and recently discovered in December 2011 by the state regulators in an aerial photograph. The 1978 berm will be addressed in a future investigation. In addition, limited subsurface investigation was conducted at the 1996 berms located adjacent to the existing berm (east and southeast), which was located on an undated Navy map, provided by MEDEP, during the December 6, 2011 technical meeting and identified in a 1996 aerial photograph. The 1978 and 1996 berms will be addressed in a future investigation. An on-site pond was excluded from the TCRA scope of work because it required more extensive technologies.

The information and data gathered will additionally be used to plan future phases of investigation for MEC (as necessary upon discussion with Stakeholders), munitions constituents (MC) sampling of site media, and non-MC sampling based on finding non-munitions related debris (primarily construction debris) disposed of at Site 12 EOD Area. Figure 1-2 presents the location of Site 12 EOD Area.

1.3 REGULATORY FRAMEWORK

The regulatory process for managing Department of Navy (Navy) sites is guided by a complex mixture of federal, state, and local laws, as well as Department of Defense (DoD) and Navy regulations and guidance. The key legislation, policy, and guidance directing the program includes, but is not limited to, the following:

- Navy Munitions Response Program Guidance (Navy, 2005) states that munitions response will be conducted in accordance with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and National Oil and Hazardous Substances Pollution Contingency Plan (NCP).

- Management Guidance for the Defense Environmental Restoration Program (DERP) (DoD, 2001). The history of the DERP dates back to the Superfund Amendments and Reauthorization Act (SARA) of 1986. The scope of the DERP is defined in Title 10 United States Code (U.S.C.) 2701(b), which states the following:

  > "Goals of the program shall include the following: (1) The identification, investigation, research and development, and cleanup of contamination from hazardous substances, and pollutants and contaminants. (2) Correction of other environmental damage (such as detection and disposal of unexploded ordnance) which creates an imminent and substantial endangerment to the public health or welfare or to the environment…"

- Fiscal Year (FY) 02 National Defense Authorization Act (Sections 311 and 312) reinforced DoD's 2001 DERP Management Guidance by tasking the DoD to develop and maintain an inventory of defense sites that are known or suspected to contain MEC and MC. Section 311 requires DoD to develop a protocol for prioritizing defense sites for response activities in consultation with states and tribes, and Section 312 requires DoD to create a separate program element to ensure that DoD can identify and track munitions response funding. The 2001 Management Guidance for the DERP and 2002 National Defense Authorization Act, described here, established the MRP. The Navy baseline

inventory of sites was completed in FY02 and was used to establish the sites/areas of concern where Preliminary Assessments (PAs) were needed to further evaluate the potential for MEC and MC.

MEC removal action activities conducted at Site 12 EOD Area were performed in accordance with the Time Critical Munitions and Explosives of Concern Removal Action Work Plan for Site 12 EOD Area and Former Munitions Bunker West Area (Tetra Tech, 2009), CERCLA Sections 104 and 121, and the NCP. All activities conducted during this TCRA involving work in areas potentially containing MEC hazards were conducted in accordance with the Department of Defense Explosive Safety Board (DDESB)-approved Site 12 EOD Area Explosive Safety Submission (ESS) (Tetra Tech, 2010) and local, state, and federal regulations to include Office of the Chief of Naval Operations Instructions (OPNAVINST) 8020.15A, Naval Sea Systems Command (NAVSEA) Operations Pamphlet (OP) 5, Navy Ordnance Safety and Security Activity (NOSSA) Instruction (NOSSAINST) 8020.15B, DoD 6055.9-Std.(2008), Engineer Pamphlet (EP)-75-1-2, and other Navy and DoD requirements regarding personnel, equipment, and procedures.

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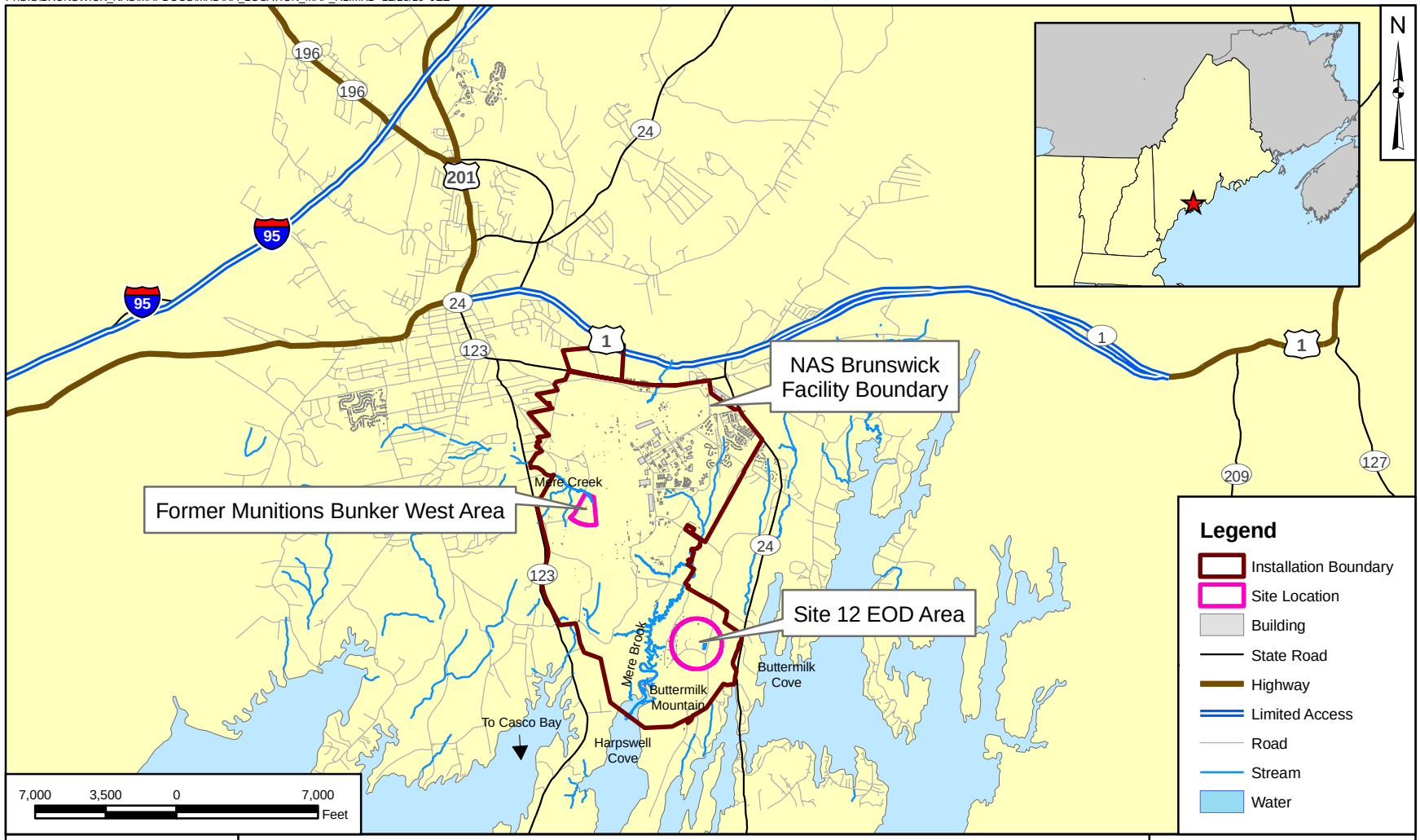

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CHECKED BY M. COFFMAN	DATE 12/23/10	TCRA SITE LOCATIONS NAVAL AIR STATION BRUNSWICK BRUNSWICK, MAINE	APPROVED BY ___ DATE ___
COST/SCHEDULE AREA			APPROVED BY ___ DATE ___
SCALE AS NOTED			FIGURE NO. FIGURE 1-1 / REV 0

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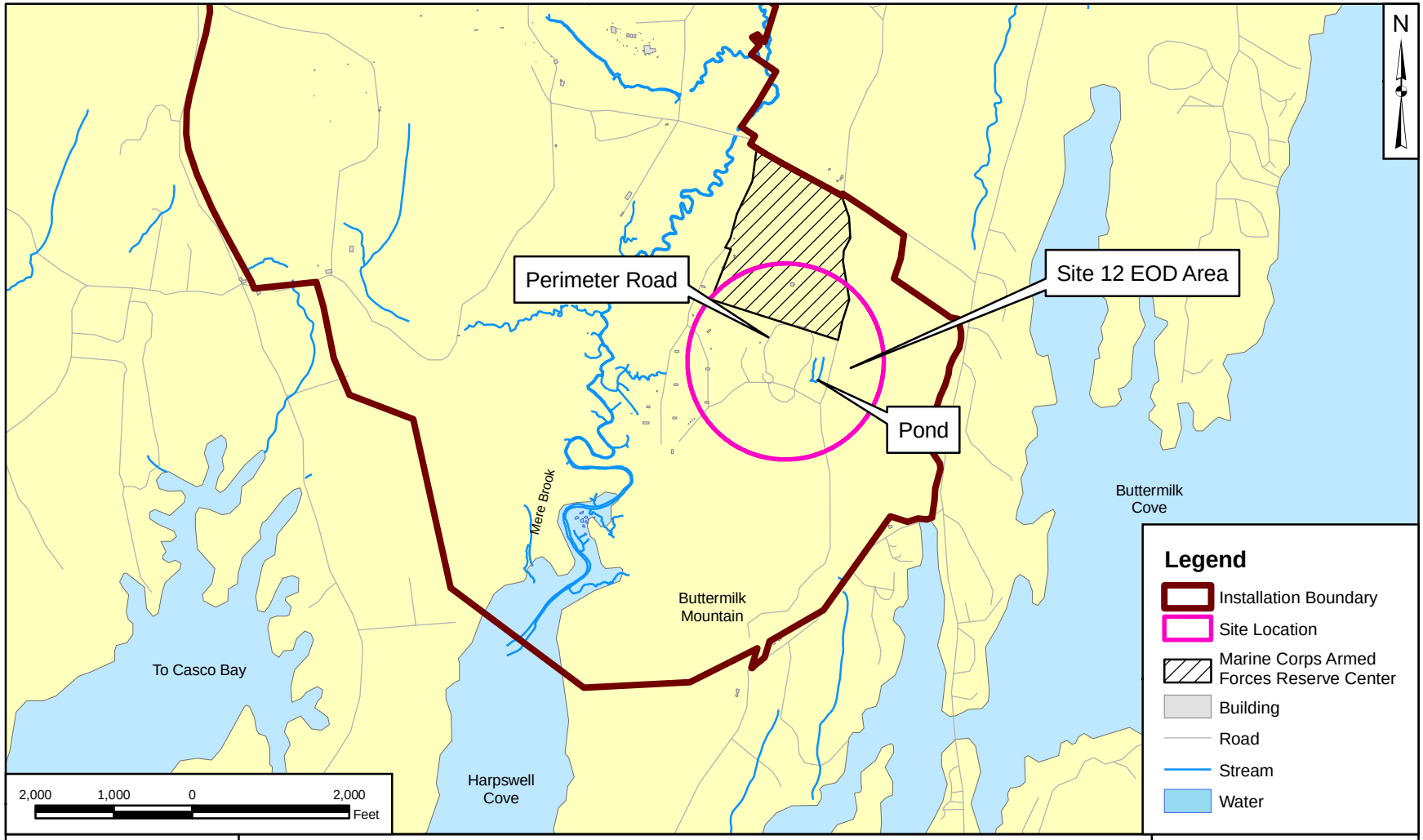

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CHECKED BY M. COFFMAN	DATE 12/23/10	SITE LOCATION MAP SITE 12 EOD AREA NAVAL AIR STATION BRUNSWICK BRUNSWICK, MAINE	APPROVED BY ___ DATE ___
COST/SCHEDULE AREA			APPROVED BY ___ DATE ___
SCALE AS NOTED			FIGURE NO. FIGURE 1-2 / REV 0

2.0 CURRENT, DETERMINED, OR ANTICIPATED FUTURE LAND USE

NAS Brunswick was designated for closure and is undergoing property transfer in accordance with the 2005 recommendations of the BRAC Commission and was closed on May 30, 2011. Currently, the Site 12 EOD Area is closed and unused. In February 2012, the Navy agreed to install a Land Use Control fence around the western and northern side of Site 12 EOD Area, which will enclose the area and and planning is in progress. Site 12 EOD Area is currently a meadow with native grasses and sparse trees.

The planned future land use is anticipated as the Brunswick Naval Air Station (BNAS) Conservation District (Natural Area) and is expected to be used by the general public for low-intensity activities such as bird watching, hiking, and educational purposes. North of the former Site 12 EOD Area is the location of the Marine Corps Armed Forces Reserve Center, at which construction activities have begun (Figure 1-2). The areas east, west, and south of the Site 12 EOD Area are also anticipated to be part of the BNAS Conservation District (Natural Area).

3.0 SITE DESCRIPTION

3.1 NAS BRUNSWICK INSTALLATION HISTORY

NAS Brunswick occupies approximately 3,200 acres in Brunswick, Cumberland County, Maine. The NAS Brunswick Main Base is situated between the Androscoggin River and Casco Bay southeast of the town of Brunswick and approximately 25 miles northeast of Portland, Maine. It is located approximately 5 miles inland from the Atlantic Ocean and is bordered by Route 123 and Route 1 on the western and northern sides, respectively, and is adjacent to Route 124 on the eastern side (Figure 1-1).

NAS Brunswick was first commissioned on April 15, 1943, with a primary mission of training British Naval Command pilots. The station carried out a secondary mission of anti-submarine warfare during World War II. The first United States squadron to arrive at NAS Brunswick was an air scouting squadron. The base remained active for 4 years and was subsequently deactivated in 1947. The land and buildings were leased jointly to the University of Maine and Bowdoin College as annexes to ease overcrowding caused by the Government Issue (G.I.) Bill student influx. The University of Maine and Bowdoin College terminated their leases in 1949, and the station was taken over by the Brunswick Flying Service. Following this period, the station was selected by the Navy as a prime center for development. During the subsequent development period, the United States Air Force reached an agreement with the Navy authorizing the construction of an Air Force Control and Warning Facility at the station as part of the continental circumferential radar screen.

On March 15, 1951, the dormant air station was recommissioned as a Naval Air Facility with the established mission of supporting three land-plane patrol squadrons, and one Fleet Aircraft Service Squadron, and with a planned future mission as a master jet air station. The station also retained the mission of anti-submarine warfare. In December 1950, the Navy requested funds from Congress to be used for the master jet project, which required dual 8,000-foot runways and two outlying fields, one for gunnery and one for carrier practice landings. During 1951, the designation of the facility was officially changed to Naval Air Station. The Arctic Survival Training School was established in September 1956 to train personnel deploying to the Arctic in north-country survival.

To practice rocket and bombing training, in 1958, the Navy acquired Seal Island by condemnation, located south of the main facility. Bombing and rocket training continued through the early 1960s along with anti-submarine warfare training. Units trained at NAS Brunswick served in action during the Lebanon crisis in the fall of 1958, when squadrons of Fleet Air Wing Three provided anti-submarine protection for

the Sixth Fleet, then operating in the Mediterranean Sea. Also in 1958, a small detachment of Marines from the Second Marine Division from Camp Lejeune, North Carolina, was assigned to NAS Brunswick. In March 1959, the Marine detachment became the Marine Barracks of NAS Brunswick. The Marine Barracks eventually assumed full surveillance of the entrances from the civilian security police.

The Navy declared Seal Island excess property in 1965 and began to transfer the island to the National Park Service (Department of Interior) through the General Services Administration. The transfer was completed sometime after 1972. Today, Seal Island is in the Formerly Used Defense Sites (FUDS) program managed by United States Army Corps of Engineers (USACE).

On July 1, 1971, Commander Patrol Wings United States Atlantic Fleet/Commander Patrol Wing Five established its headquarters at NAS Brunswick. In the late 1990s, base consolidation efforts resulted in the demolition of surplus buildings around the installation. For over 40 years, six squadrons (Patrol Squadrons 8, 10, 11, 23, 26, and 44) were based at NAS Brunswick. The facility was designated for closure by the BRAC Commission in 2005 and has an operational closure date of September 15, 2011.

3.2 SITE 12 EOD AREA

Site 12 EOD Area was originally identified as an approximately 112.7-acre site located in the southeastern portion of the installation in a remote, open, upland area on Buttermilk Mountain approximately 4,300 feet southeast of Building 539 (Figure 1-1). The site boundary was initially based on the 1,250-foot Inhabited Building Distance (IBD) established as the range limit, and the actual area where MEC was expected to be present was much smaller based on the CSM developed for the PA and PA Addendum (i.e., bounded by the perimeter road) (Malcolm Pirnie, 2006 and 2007).

A 1978 aerial photograph identified by MEDEP shows a circular berm-like feature present on site, indicating activities were taking place at Site 12 EOD Area prior to 1978. Otherwise, existing documentation indicates that Site 12 EOD Area was used from 1981 through June 2004 for the disposal of small quantities of ordnance, pyrotechnics, privately manufactured explosive devices, and war souvenirs. It was officially designated a Class “D” disposal site with a maximum limit of 25 pounds net explosive weight (NEW) on September 18, 1990. It was briefly designated as a training area with a maximum limit of 5 pounds NEW and bare charges only in June 2000. In October 2002, the site was restored to a Class “D” operation with a limit of 25 pounds NEW and retained that status until June 1, 2004, when EOD activities at NAS Brunswick were officially terminated. It was reported by E.C. Jordan Company (1991) that since 1984, EOD activity has consisted of six “burns” for training and destruction of ordnance/explosives.

The site currently has a 5- to 6-foot-tall, three-sided, earthen berm area approximately 60 feet long by 100 feet wide. A dumpster within the berm area, historically used for flashing small quantities of explosives and/or propellants such as grenade fuzes, was removed from the site in the 1990s. Military personnel occupied one control bunker, located approximately 200 feet southwest of the existing earthen berm, during detonation of explosive charges.

A pond is located on the eastern edge of the site (Figure 1-2). The PA has not identified any historical documentation of MEC disposal in the pond; however, there is a possibility that MEC is present at the site pond. Surface water at the site flows to the west toward Mere Brook and some flows east toward the pond. The pond is located adjacent to a bedrock ridge and its connection to groundwater is unknown.

3.2.1 Known MEC Areas

During a 1989 investigation of the Site 12 EOD Area, what appeared to be two small detonation craters and a dumpster were identified within the existing berm area at the site, as documented in the Supplemental Feasibility Study Report (E.C. Jordan Company, 1991). Six burns were conducted as training exercises at the site to destroy ordnance and explosives between 1984 and 1989, according to the study. According to NAS Brunswick personnel, the dumpster, which was used during burns, was removed from the site in the 1990s.

To clear the site for exploratory work (E.C. Jordan Company Investigation), surface and subsurface surveys were conducted by EOD-certified personnel in 1990, including a detailed inspection of the EOD training area and adjacent terrain (inside and outside of the existing berm area). Subsurface clearance at sample locations was conducted using a Forester MK-26 Ordnance Locator. The berm area was confirmed to contain MEC. After clearing the site, three test pits approximately 20 feet apart were excavated. Micaceous schist (bedrock) was encountered at 3 feet bgs in two of the test pits; the third test pit was excavated to 6 feet bgs, and bedrock was not encountered. During the excavations, an expended solid rocket-fuel booster (a jet-assisted take off or “JATO” bottle) was unearthed. Other similar devices were observed just outside the berm area.

Site inspection (SI) field work was conducted at Site 12 EOD Area in July and August 2008 (Tetra Tech, 2009). The SI Report confirmed historical and visual evidence that MEC may be present at Site 12 EOD Area inside and possibly extending outside of the existing and historical berm areas. No geophysical investigation was conducted in the area of the 1978 Berm. Suspect MEC items found on the ground surface in and near the berm area in the central area of the site included two smoke grenades, one

cartridge; and an unidentified ordnance-related item (suspected to be a Jet Assisted Take Off (JATO) M8 rocket motor), which was found just outside of the berm area and within the perimeter road. During the detector-aided surface survey of transects northwest of the berm area, a gator mine was found on the ground surface. Outside of the berm area yet within the perimeter road, an item considered material potentially presenting an explosive hazard (MPPEH), a rocket motor, and a fragment of a munitions-related item were also discovered on the ground surface during the detector-aided surface surveys along with several areas of magnetic influence (response from the detector) indicating unknown subsurface items.

3.2.2 Suspect MEC Areas

Historical aerial photographs of the Site 12 EOD Area dating from 1958 to 2006 were reviewed as part of the PA Addendum (Malcolm Pirnie, 2007) indicating that the Site 12 EOD Area was used from 1981 through June 1, 2004. A circular feature suspected to be a berm, recently identified in a 1978 aerial photograph provided by MEDEP indicates the area was used prior to 1981, as previously reported in the PA Addendum. Several areas in the southeastern portion of the site appear to resemble detonation craters. On two photographs dated May 1992 and November 1993, there appeared to be two areas surrounded by a berm, the existing berm area and another located directly southeast, sharing a portion of the berm structure as part of the embankment. An unreferenced map of topography at Site 12 EOD Area provided by the MEDEP at the December 6, 2011 technical meeting depicts two large berms, which have been identified in a 1996 aerial photograph within the current berm area. In addition to the PA historical aerial photographs, the internet provided imagery dated April 28, 2001, which showed five pits located inside the existing berm area that were likely related to detonation operations at this time.

The PA Addendum concluded that the entire Site 12 EOD Area was an area suspected to contain MEC and MC and recommended an SI to determine the presence or absence of MEC and MC at the site. Based on information obtained during the PA data collection process, Site 12 EOD Area was not suspected to contain chemical warfare material-filled munitions or hazardous, toxic, or radiological waste-associated munitions. The PA Addendum reported that certified EOD personnel destroyed munitions with explosives.

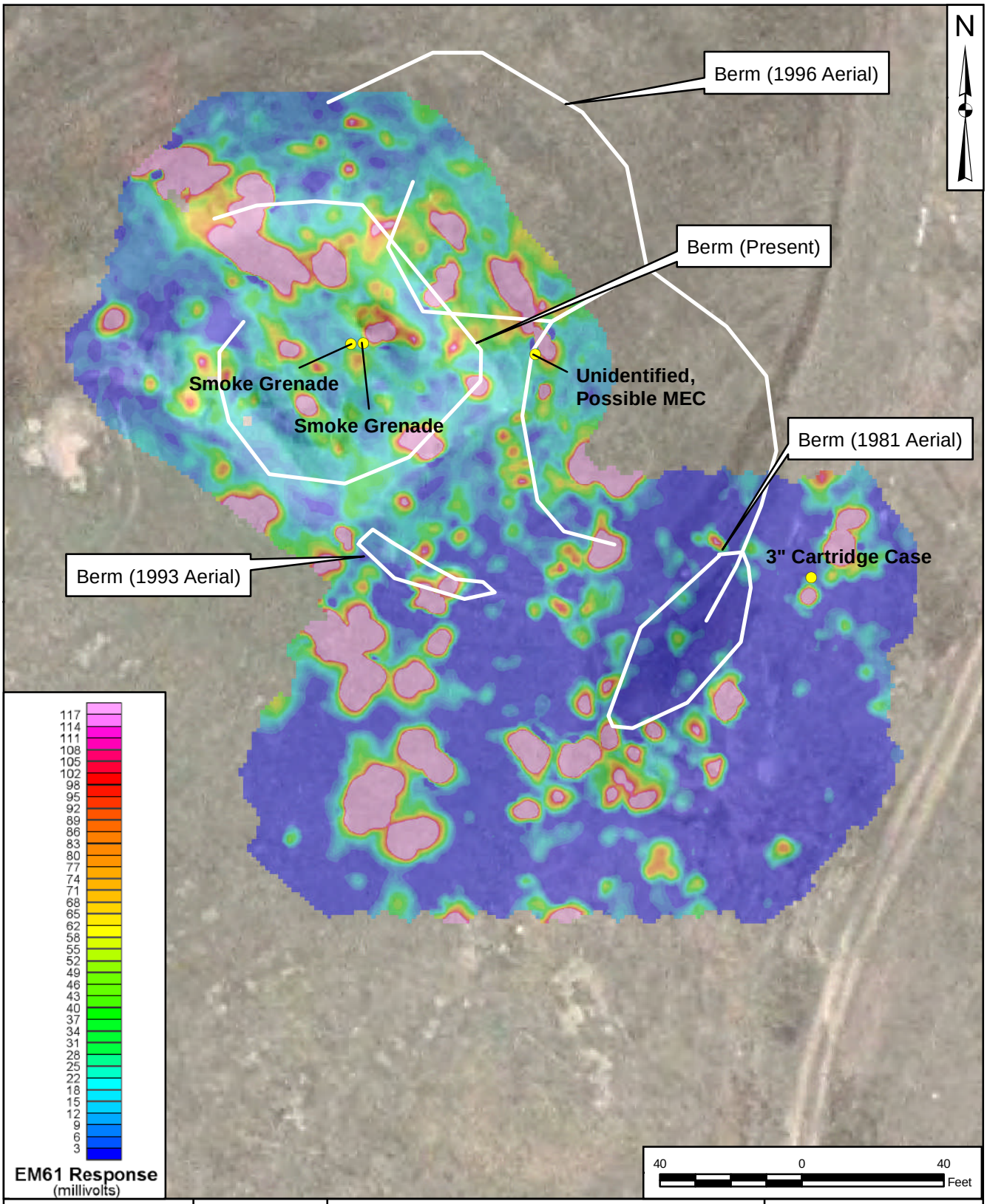
The SI for Site 12 EOD Area included a geophysical survey in the central area of the site to focus on existing and historical berm areas that resulted in identification of high anomaly density (161) with subsurface anomalies of varying sizes within the existing and historical berm areas and extending to the edges of the SI geophysical survey boundary. No geophysical investigation was conducted in the area of the 1978 Berm. The anomalies were present over a more extensive area than expected prior to the SI

because the anomalies were not only inside the existing berm area but between and outside the historical berm locations as well (Figure 3-1). Areas with several anomalies located in close proximity to one another and areas of general elevated response were identified during the geophysical survey: these areas were speculated to include a greater density of munitions-related metal, possibly including MEC. However, without intrusive investigation, this could not be determined at the time of the SI. It was speculated that additional bermed areas were historically present and/or that the area was disturbed when historical berms were knocked down at the end of their use. Regardless, enough information was obtained during the SI to determine the need for additional investigation to address MEC in this central area of the site.

3.2.3 Ordnance Penetration Estimates

Munitions were not fired at the site; however, the possibility exists that kick-outs may have occurred during site operations. Kick-outs result when munitions items are not consumed during explosive disposal operations but instead are thrown from the detonation area by the force of the explosion. The PA Addendum estimated that the maximum probable depth from kick-outs was approximately 1 foot bgs. A 4-foot bgs probable penetration depth was estimated for the central area of the site where detonation areas within the existing and historical berm area typically occurred; munitions were likely buried, prior to being treated with explosives, to reduce fragmentation distances and control noise.

PGH P:\GIS\BRUNSWICK_NAS\MAPDOCS\MXD\EM61_SITE12.MXD 03/27/12 CJT



DRAWN BY J. ENGLISH	DATE 10/29/08	EM61 COLOR CONTOUR MAP IDENTIFYING ANOMALIES DURING SI GEOPHYSICAL SURVEY SITE 12 EOD AREA NAVAL AIR STATION BRUNSWICK BRUNSWICK, MAINE	CONTRACT NUMBER CTO 0069
CHECKED BY E. LOVE	DATE 11/19/10		APPROVED BY ___ DATE ___
REVISED BY C. TULLEY	DATE 03/27/12		APPROVED BY ___ DATE ___
SCALE AS NOTED			FIGURE NO. FIGURE 3-1 / REV 0

4.0 REMOVAL ACTION METHODS AND TECHNOLOGY

4.1 RELATIVE EFFECTIVENESS

The TCRA was effective in removing surface MEC hazards and reducing exposure to personnel passing near or through the accessible areas of the site. However, at this time subsurface MEC hazard and potential exposure is still suspected because subsurface anomalies have not been investigated; although the planned land use does not include intrusive activities, in the future long term erosional processes such as frost heave or heavy precipitation may expose munitions-related items that remain in the subsurface.

The TCRA munitions response site (MRS) characterization and investigation activities to remove MEC at Site 12 EOD Area were conducted as follows:

- Vegetation (primarily grass and low shrubbery) was mowed; however, select areas of wetlands were not cleared during the 2010 TCRA, per instruction from the base environmental POC, until 2011 when vegetation was cut to perform a UXO detector-aided survey in the wetland areas.

- Non-munitions debris, for example, tire rims and shovel heads, located during the detector-aided surface surveys were moved and marshaled to a nearby location; off-site disposal of non-munitions debris has been deferred.

- Detector-aided surface surveys of the area within the perimeter road were completed in all accessible areas.

- All surface MEC items found were inspected and either treated in place or moved for treatment via donor charge. Debris and dirt were cleared from each surface item to allow for identification by a qualified UXO Technician.

- Trenches (12 total) were completed in the existing and historical berm area (1978 Berm, not included) to selectively investigate the source of subsurface anomalies (such as MEC, MPPEH, or non-munitions materials), soil characteristics, depths of burial, and general depths to bedrock and/or groundwater. All trenches were terminated at approximately 4 feet bgs or when the water table or bedrock was encountered at a given location.

The pond was not investigated at this time but will be during a subsequent RI, as necessary. The wetlands and steep rocky slope were excluded in field change request (FCR) #2 for environmental and safety reasons (Appendix A) but were completed following MEDEP guidance in November 2011, while the pond remained excluded because it required technologies that are more extensive and so was not included in the TCRA scope of work.

4.1.1 UXO Operations

NAS Brunswick TCRA activities began May 27, 2010 and were completed on November 21, 2011. The entire Tetra Tech UXO Team was assembled on site by June 7, 2010 and began setup and preliminary activities including vegetation management, grid layout, and instrument verification strip (IVS) installation. UXO detector-aided surface surveys and MEC investigations/removal activities began on June 21, 2010 and ended on August 6, 2010 at Site 12 EOD Area and between August 2, 2010 and August 11, 2010 at FMBW Area. (The FMBW Area investigation began on August 2 and was completed on August 11, 2010; FMBW is mentioned because some activities and field forms apply to both sites). Site 12 EOD Area MDAS off-site disposal was completed between September 27, 2010 and October 1, 2010. No MDAS off-site disposal was required for the second phase of investigation completed in November 2012.

4.1.1.1 Mobilization, Setup, and Preliminary Activities

Tetra Tech's Senior Unexploded Ordnance Supervisor (SUXOS) and electrical engineer mobilized to Site 12 EOD Area on May 26, 2010, to begin receiving equipment and set up the two Type 2 magazines, one of which was used to store donor explosives for detonation of MEC/MPPEH and the other to store safe-to-move MEC/MPPEH until it could be treated. The Type 2 magazines were installed in accordance with NAVSEA OP 5 by a licensed electrician (Appendix A) prior use. The grass was cut within an approximately 50-foot radius around both magazines.

The remaining Tetra Tech UXO Team members mobilized to the site by June 7, 2010. All personnel met the Occupational Safety and Health Administration (OSHA) training and medical surveillance requirements specified in the Health and Safety Plan (HASP)/Accident Prevention Plan (APP). All UXO Technicians had the appropriate level of training and experience as stated in the 2004 DDESB Technical Paper (TP) 18. As part of the mobilization process, the UXO Safety Officer (UXOSO) performed site-specific training, which included, but was not limited to, a review of the Work Plan and HASP/APP for all on-site personnel (signature pages provided in Appendix A and B). The purpose of this training was to ensure that personnel fully understand the operational procedures and methods to be used for the project, including individual duties and responsibilities, and all safety and environmental concerns

associated with these MEC operations. Any personnel who arrived at the site after the initial training session were trained when they arrived.

Project equipment for the UXO survey was allocated through Tetra Tech sources and/or procured through local leases/purchases. All equipment, regardless of source, was checked to ensure its completeness and operational readiness (equipment inspection checklists are presented in Appendix B). All instruments and equipment that required routine maintenance and/or calibration were checked initially upon arrival at NAS Brunswick, prior to use each day, and according to the SAP-established schedules.

4.1.1.2 Initial Site Preparations

During initial setup and prior to bringing non-UXO personnel or mechanized equipment on site, the UXO Team conducted visual and detector-aided surface surveys within the areas of operation. Non-munitions-related debris was removed and marshaled to one location designated by the NAS Brunswick POC, and all munitions-related debris and suspect MEC/MPPEH previously identified during the MEC SI were flagged. Vegetation removal was conducted, as necessary to facilitate the site setup. After all surface non-munitions-related debris was removed; the SUXOS allowed non-UXO personnel and mechanized equipment on site in cleared areas, as necessary.

NAS Brunswick public works department and Dig Safe utility clearance inspections were completed at Site 12 EOD Area; no utilities were located within the Site 12 perimeter road (Dig Safe Clearance Number 20102410549 and NAS Brunswick excavation clearance Dig Permit Number 090057). The permits were issued for Site 12 EOD Area prior to conducting any intrusive investigation activities.

Utility clearance inspections were also completed at the IVS [formerly called an Instrument Test Strip (ITS)] location near the FMBW Area (Dig Safe Clearance Number 20102210903 and NAS Brunswick Public Works Department also issued an NAS Brunswick excavation clearance Dig Permit Number 090054). The IVS location was used for both Site 12 and FMBW. Dig Safe permits are included in Appendix A.

<u>Exclusion Zones</u>

Explosive safety required that an exclusion zone (EZ) be established and maintained at Site 12 EOD Area to keep non-essential persons from being exposed to hazardous blast overpressure and fragments resulting from an unintentional detonation of the munitions with the greatest fragmentation distance (MGFD). The EZ for low-input processing operations at Site 12 EOD Area was selected based on use of

an excavator to carefully excavate previously disturbed (non-compacted) soils. Low-input distance factors protect non-essential personnel by maintaining an EZ protection distance for accidental (unintentional) detonations greater of hazard fragmentation distance (HFD) or K40. This rationale is detailed in the Site 12 EOD Area ESS prepared for this project (Tetra Tech, 2010). The EZ around UXO operations for Site 12 EOD Area was the HFD, established at a minimum of 131 feet from the outer edge of the designated investigation area (Figure 4-1).

Once established, the EZs were controlled by barricades at each access point. Access to the EZ was limited to personnel essential to the operations being conducted. However, under specific conditions and on a case-by-case basis, it was possible for authorized visitors to be granted access to the EZ when operations were being conducted, for example during a Maine Department of Environmental Protection (MEDEP) site visit.

Vegetation Management

Brush cutting was required at Site 12 EOD Area to prepare for detector-aided surface surveys. Vegetation was cleared to between 6 and 12 inches above the ground surface to minimize the likelihood of accidental contact with smaller MEC/MPPEH items on the surface or partially buried that were not located during the initial inspection and permit the passage of the detection equipment. Vegetation management was conducted in accordance with the TCRA Work Plan (Tetra Tech, 2009). The following types of equipment/techniques were used for brush cutting:

- Hand-held brush cutters (string or blade) were used to clear light vegetation and small grassy areas.
- Tractor-mounted brush hogs were used in larger areas and areas of heavier brush.
- Mechanized lawn mowers were used to mow larger grassy areas.
- Chain saws were used in heavier brush areas and to cut small trees up to 2 inches in diameter.

Appendix C contains representative photographs of the vegetation management activities.

Vegetation management was not conducted in the wetlands areas in accordance with direction from the NAS Brunswick POC, and FCR (#2) was generated to amend the TCRA Work Plan to document this change (Appendix A).

Site Accessibility, Traffic Control, Security

The Site 12 EOD Area had restricted access for most of the field effort up until near the end of the project when construction on the Unites States Marine Corps Reserve Center began nearby. The only remaining Site 12 EOD activity at the time was MDAS certification. Up until that time, the Site 12 EOD Area was located within the fenced weapons compound. NAS Brunswick security personnel monitor all access to the area, and frequent motor vehicle patrols are conducted as part of the access control program. Other than the NAS Brunswick facility gates, there are no other land use controls (LUCs) for the site at this time. However, the facility is in the closure process; and the site will be transferred outside Navy control after response actions are completed.

4.1.1.3 Methodology

The site encompasses approximately 112 acres based on the IBD provided in the PA Report that serves as the original site boundary (Figure 4-1). Based on the SI transect survey results, the anticipated boundary for suspected MEC was expected to be smaller. Therefore, approximately 23 acres (20 percent of the IBD area) comprising the area anticipated to possibly have MEC/MPPEH present was investigated and the ground surface cleared of MEC/MPPEH for this TCRA. The TCRA area was approximately 1,000 feet by 1,000 feet, primarily within the perimeter road.

Kickouts at the ground surface would be expected within the existing and historical berm area, but outside the berm was considered a low-density anomaly area, and no subsurface investigation was completed there. The existing and historical berm area within the central portion of the Site 12 EOD Area is considered a high-density anomaly area based on the available 2008 SI geophysical results and mechanical means was required to investigate potential subsurface MEC/MPPEH. After completion of the detector-aided surface surveys and surface MEC/MPPEH removal, investigative trenching (12 total) was completed in the existing and historical berm area (1978 Berm, not included).

Partial stepouts from the investigation boundary were conducted. Upon evaluation, three isolated munitions items were encountered within 100 feet of the investigation boundary. In the case of Item S12-G1-38 (Gator Mine), located approximately 30 feet within the investigation boundary, the item was judged to be placed for a training exercise since it was labeled inert; regardless, the survey area was extended approximately 10 feet to the west on the heavily wooded other side of the perimeter road to confirm that training operations did not occur there. For Item S12-B7-16 (Bomb Nose Fuse), grid A7 to the south was extended to the fence/tree line approximately 80 feet south of the item and no other items were found. Item S12-L2-02 (Fuse-unknown) was found in the southeast corner of grid L2. Grid L2 was

subsequently extended approximately 95 feet north and west of the item on the heavily wooded side of the perimeter road; the entire grid was surveyed and no other items were found.

UXO Detector-Aided Surface Survey

During the TCRA, detector-aided surface investigation and removal activities were conducted across all accessible areas within the perimeter road of the site (Figure 4-2). Detector-aided surface survey areas were divided into 100- by 100-foot grids using a global positioning system (GPS) unit with pre-loaded grid corner coordinates, and the grids were divided into 5-foot-wide search lanes. UXO Team members conducted a detector-aided surface survey of each lane using a metal detector to locate any surface MEC/MPPEH or non-munitions debris within each lane. Photographs of the UXO detector-aided surface survey are included in Appendix C.

Activities extended across the road, as necessary (in general, coverage was extended horizontally 100 feet out from any MEC/MPPEH finding in the outer grid squares). Any surface MEC/MPPEH items found were investigated and removed; additionally, MEC/MPPEH items initially discovered and left in place during the SI were removed during the TCRA.

Non-munitions debris, for example, tire rims and shovel heads, located during the detector-aided surface surveys was marshaled to a nearby location established by the NAS Brunswick POC; off-site disposal of non-munitions debris will be deferred to the RI or addressed by NAS Brunswick. After removal of the non-munitions debris from the work area, a detector-aided surface survey was conducted to ensure that no surface MEC was present under the given non-munitions-related item. All surface non-munitions metallic debris was removed, and all munitions-related debris and suspect MEC/MPPEH were treated in place, moved then treated, or simply moved if treatment via donor charge was not necessary.

Trench Survey

The SI for Site 12 EOD Area identified 161 subsurface anomalies of varying sizes within the existing and historical berm areas (1978 Berm, not included). The anomalies were not only inside the existing and historical berms but between and outside the berms as well and extended to the edge of the geophysical survey area. The SI geophysical investigation area was unable to determine the full extent of anomalies within the existing and historical berm areas within the SI scope; however, enough information was obtained during the SI to determine that the need for additional investigation to address MEC in this area (Figure 3-1) and so trenching was included in the TCRA scope.

Trenching was needed to gain a clear understanding of the source of the subsurface anomalies (MEC, MPPEH, or non-munitions materials), soil characteristics, depths of burial, and general depths to bedrock and/or groundwater at Site 12 EOD Area. Figure 4-3 presents the locations of the 12 trenches. A Caterpillar 314D hydraulic excavator with a blast shield was used to excavate each trench to a maximum depth of 4 feet, or if the water table or bedrock was encountered before the 4 foot depth, trenching was discontinued at that depth. UXO Technicians observed trenching operations from behind a blast shield and then approached the trench to screen the excavated soil visually and with a Schonstedt GA-52Cx and White's Spectrum XLT to identify MEC/MPPEH. Non-munitions debris larger than 20 millimeters (mm) in size (size of the smallest MEC item of concern) was removed from the soil and then separated from munitions-related debris. A detector-aided surface survey was completed over all soil removed from the trenches (approximately 1 cubic yard at a time). The trenching effort was completed by restoring the site by backfilling after trenching activities were completed and reseeding the area with grass seed. Photographs of the trenching operations are included in Appendix C.

4.1.2 MEC/MPPEH Management Operations

All MEC/MPPEH was managed in accordance with the TCRA Work Plan (Tetra Tech, 2009), DDESB-approved ESS (Tetra Tech, 2010), local, state, and federal regulations to include OPNAVINST 8020.15A (Navy, 2008a), NAVSEA OP 5 (Navy, 2005), NOSSAINST 8020.15B (Navy, 2009), DoD 6055.9-Std. (2008), EP-75-1-2 (USACE, 2004), and all other Navy and DoD requirements regarding personnel, equipment, and procedures.

During the TCRA, UXO Technicians I or II identified MEC/MPPEH while performing the detector-aided surface survey. A UXO Technician II, the UXO Team Leader-UXO Technician III, and/or the SUXOS examined each MEC/MPPEH item and identified and/or verified the identity of the item and the hazards associated with it. The item was given a unique identification number, and all associated information and observations were recorded in the field logbook and MEC Tracking Log (Appendix B). The item's location was documented with a GPS and its condition was documented with a digital photograph. No item was moved until the UXO Team made a positive identification.

The SUXOS made the final determination as to whether each item was MEC or MPPEH, and subsequently if MPPEH was MDAS or MDEH. Then items were segregated into items that required treatment via donor charge and items that could be certified as MDAS. Note, any item that could not be certified MDAS (i.e., MEC or MDEH) was treated via donor charge and then rendered as MDAS.

Persons certifying and verifying MDAS were designated in writing by the Naval Facilities Engineering Command (NAVFAC) Mid-Atlantic Commanding Officer (CO) as qualified and certified to do so (Appendix D contains the written authorization to inspect MPPEH signed by the NAVFAC Mid-Atlantic, CO). MDAS was secured on site in a locked/sealed container, with the SUXOS controlling access to the lock/seal. The locked and sealed container remained at the remediation site until released to a certified contractor for disposal. MDAS was managed at all times in such a manner as to prevent it from being commingled with MEC or MPPEH and/or misidentified as MEC or MPPEH after it had been determined to be safe. A chain of custody was maintained for MDAS, and proper documentation was completed and signed by the responsible personnel before MDAS was turned over to a certified contractor for disposal (Appendix D contains all MDAS disposal documentation).

Any item suspected of being MDEH or unable to be certified MDAS was managed as MEC. The items were first declared safe to move or not safe to move. If the item was deemed MEC/MPPEH and safe to move it was transported to the Type 2 storage magazine located near decommissioned NAS Brunswick Magazine 291 while awaiting notification by Public Affairs (typically 24-hours notice). If the item was deemed MEC/MPPEH and not safe to move, it was flagged, left in place, and prepared for blow-in-place (BIP) treatment via donor charge, again after notification by Public Affairs. After treatment, 100 percent of all recovered items were reinspected to determine if they were free of explosive hazards and able to be classified as MDAS.

NAS Brunswick security personnel, the NAS Brunswick POC, and Navy Remedial Project Manager (RPM) were informed each time a MEC/MPPEH item was discovered. The UXO Team maintained security of the item until relieved by the NAS Brunswick POC. One temporary work stoppage occurred when an Mk82 500-pound bomb with an Mk31 Safety Device located in the fuze well was found during vegetation management activities. Because the bomb potentially exceeded the maximum allowable safety protocols approved by NOSSA in the safety plan, the NAS Brunswick POC contacted the nearest military EOD component in Rhode Island (EODMU TWELVE DET NEWPORT RI) for treatment of the item, in accordance with Navy policy. The military EOD personnel determined the Mk82 bomb to be inert and concrete filled. No changes to the ESS were required due to the identification of this item and project work restarted immediately. The Mk31 Safety Device component was managed as MPPEH and treated by Tetra Tech's UXO Team. This item was treated three times because the first and second attempts to treat the item low ordered, meaning the shaped charges on site were insufficient to puncture the device. A different shape charge was ordered, and received, and was successful at penetrating the Mk31 safety device completely, allowing the item to be inspected and certified as MDAS.

4.1.2.1 General Requirements and Licensing

Recovered MEC was managed as hazard C/D 1.1, Storage Compatibility Group (SCG) "L." Donor charges were stored in an Alcohol, Tobacco, and Firearms (ATF)-approved Type 2 Magazine that met the specifications in 27 Code of Federal Regulations (CFR) Part 55, Subpart K, DoD 5100.76M (2000), AR 190-11 (2006), and OPNAVINST 5530.13C (Navy, 2003). Discovered MEC items that were safe to move were stored in a separate ATF-approved Type 2 magazine separated by K11 for 20 pounds NEW (30 feet) from the donor charge storage magazine. One magazine was placed on existing concrete pad, and the other was place on a hard surface near decommissioned Magazine 291. The portable magazines met the grounding requirements as stated in OP5. All earth connections provided an average of 25 ohms or less resistance to earth as indicated in the electrician's documentation in Appendix A. The combined explosive weight stored within the two Type 2 magazines did not exceed 20 pounds NEW. A 529-foot ESQD arc for IBD requirements and a 318-foot ESQD arc for PTR requirements were established.

4.1.2.2 Explosives Acquisition and Management

The quantity of explosives was kept to a minimum, which was determined by the storage capabilities of the temporary Type 2 magazines and the anticipated needs of the UXO Team. No more than 20 pounds NEW of detonation explosives were stored at any one time during MEC removal operations.

The SUXOS and UXOSO/UXO Quality Control Specialist (UXOQCS) were responsible for receipt of explosives from the commercial vendor and followed all applicable facility procedures. The SUXOS coordinated the receipt and management of all explosives with the NAS Brunswick POC before receipt and transportation of explosives to the site.

Deliveries of explosives were coordinated with the installation to ensure that explosive laden-routes were followed. Delivery trucks reported to the back gate and were escorted by Tetra Tech UXO Technicians along the appropriate route to the Type 2 magazine. During the transportation of explosives from the magazine to the detonation area at Site 12 EOD Area, blasting caps were stored separately from main charges in an ATF-approved day box (see photograph in Appendix C).

Explosives and MPPEH safe to move were transported from the Type 2 magazines to the treatment via donor charge location or marshaling location at the project site in accordance with facility procedures (including use of designated explosive-laden routes), United States Department of Transportation, CFR 49, and ATF licensing requirements. Sandbags separated incompatible explosive items to prevent

sympathetic detonation. The transportation vehicle had a wooden bed liner to secure the containers in the vehicle (see photographs in Appendix C). Additionally, the vehicle was equipped with fire extinguishers. Note that following the NOSSA audit of July 7 and 8, 2010, all explosives and MEC/MPPEH safe to move were hand carried to and from the Type 2 magazines because the rental car agency had not provided written approval to transport explosives and MEC/MPPEH on site, as required by NOSSA.

The SUXOS certified in the Daily Field Activity Logs that the explosives were used for their intended purpose (Appendix A). All explosives remaining in storage at the end of the Site 12 EOD Area project (August 13, 2010) were issued and used during a final cleanup shot, as documented in the Daily Field Activity Logs (Appendix A). The final cleanup shot did not exceed the 25-pound explosive limit for Site 12 EOD Area. No excess explosive inventory remained on site. All receipt documents are located in the project files. The Type 2 magazines were removed on September 30, 2010, due to the construction of the Marine Corps Recruiting Center north of Site 12 EOD Area. No onsite storage of donor charges occurred during the November 2011 phase of the investigation.

4.1.2.3 Ordnance and Explosives Areas

The Site 12 EOD Area existing berm was the original planned detonation area for discovered MEC/MPPEH items safe to move to be treated the same day they were discovered. However, the base Public Affairs Officer requested 24-hour advance notice for detonations. Therefore, same day treatment via donor charge was not an option and, instead, all items safe to move were moved to the Type 2 magazine for temporary storage.

Non-essential personnel were kept at a minimum separation distance of 131 feet from the outermost boundary of the area of operation during MEC operations (unintentional detonation) at Site 12 EOD Area (Figure 4-1). MEC items that were determined to be unsafe to move were treated using BIP procedures. The locations of all items treated were recorded using a GPS. Post-detonation procedures included a check of the detonation location with a magnetometer and removal of large fragments resulting from the given detonation event to ensure that there were no remaining MEC/MPPEH debris or related residues.

In accordance with the work plan and approved ESS, the maximum fragmentation distance (MFD) used to establish the EZ for an intentional detonation associated with BIP procedures was 1,095 feet based on the 40mm MK 2 projectile. In-grid intentional detonations were conducted using detonation cord and non-electric blast initiator (Nonel®) to treat multiple items at the same time but a sufficient distance separated

each item such that each shot was considered an individual shot. No consolidated shots occurred. Appendix C contains photographs of the explosives preparation.

4.1.3 UXO Survey Instrumentation

4.1.3.1 Instruments

Schonstedt GA-52Cx (ferrous metal detector) and White's Spectrum XLT (all-metals detector) were used during the MEC/MPPEH investigation/removal action at Site 12 EOD Area. The Schonstedt GA-52Cx was the primary instrument used during the detector-aided surface survey of Site 12 EOD Area. In addition to the Schonstedt, a White's Spectrum XLT all-metals detector was used to assist in the location of metal targets with little or no ferrous metal content. Photographs of the UXO Team using the Schonstedt GA-52Cx and White's Spectrum XLT are included in Appendix C.

The Schonstedt GA-52Cx and White's Spectrum XLT are analog geophysical instruments and cannot digitally record data but provide an auditory response when metallic items are detected. A Trimble Geo-XH GPS unit was used to record the locations of identified MEC/MPPEH, trenching locations, corner grid stake locations, as well as used to navigate to site features and reacquire SI data. Digitally recorded data at the site were transferred from the GPS/field storage unit to a computer each day. All raw data files, hard copies, and field notes associated with the field activities were maintained for the duration of the project. All raw field data were available on site for quality control (QC) checks to verify field and data processing procedures during site activities.

4.1.3.2 Geophysical System Verification

The Geophysical System Verification (GSV) was used to test equipment and procedures in support of the Site 12 EOD Area detector-aided surface survey and intrusive investigation during trenching operations. The UXOQCS used the GSV to provide rigorous Quality Assurance (QA)/QC. The GSV includes two main processes, an IVS and blind seeding in the survey area.

Instrument Verification Strip

The UXO Team constructed two IVSs, the first IVS was installed near the FMBW Area and a second IVS was installed at Site 12 EOD Area. The Site 12 EOD Area was used for the majority of the project due to its close proximity to Site 12 EOD Area (Figure 4-4). Each operator with each piece of assigned equipment performed the IVS prior to beginning the detector-aided survey at Site 12 EOD Area. The IVS was repeated after each operator, equipment, or battery change.

The specific objectives for the IVS were as follows:

- System Performance: Demonstrate that the UXO detection instruments and navigational equipment were operating properly. Evaluate the average speed for detecting the target items.

- Detection of Known Objects: Provide a safe area with a known set of isolated objects (e.g., inert munitions or munitions surrogates) to evaluate equipment and operator performance under controlled conditions

- Evaluation of Instrument Sensitivity: Evaluate detection of buried seed items (20mm diameter and larger). The UXOQCS determined the IVS performance was acceptable.

Tetra Tech seeded the IVS using Industry Standard Objects (ISOs), and seeds were buried blind to the UXO Team at various specified depths bgs. The items buried in each IVS were in one straight line approximately 10 feet apart. Each seed item was labeled with a unique identifier, photographed (open hole), and located in relation to the IVS survey ends (IVS photographs presented in Appendix C). The operators and equipment used for the detector-aided surface survey were tested and approved to conduct the work based on the results of the IVS test performed each day. Any equipment that did not operate properly during the IVS tests was noted in the field log and removed from service. Each IVS was seeded for the duration of each phase of the project. After project work was complete, the IVS items were removed from the test strip areas, and the holes were backfilled and restored. The daily IVS reports are located in Appendix B.

Blind Seeding

Blind seeds were used to confirm the completeness of the detector-aided surface survey MEC/MPPEH investigation and removal techniques. Blind seeds consisted of ISOs similar in size and shape to the seeds in the IVS and suspected munitions-related items on site. Blind seed items were placed on the surface but masked by grass or leaves to test the UXO Team's detection and removal techniques. Seed items were placed at a frequency of two per acre.

The UXOQCS recorded failures to find a blind seed item in the safety/QC daily log (Appendix B). Each grid in which a failure occurred was resurveyed until all newly placed blind seed items were found and all grids were cleared. The UXOQCS and SUXOS identified the cause of a given failure (e.g., instrument

failures or excessive speed while conducting surveys) and made changes to field teams and instruments as needed.

4.1.3.3 Equipment Checkout

UXO detectors (Schonstedt GA-52Cx and White's Spectrum XLT), support equipment, navigation equipment, and operator performance were tested at specific intervals to meet the appropriate acceptance criteria. After equipment arrived on site and prior to completing the IVS, an out-of-box test was performed on all equipment and included an inventory and inspection of all equipment to confirm that all components were present and in good condition. The equipment was then assembled and powered up to ensure that the equipment was functioning.

Following acceptable results on the IVS, a daily equipment function test (EFT) was performed on UXO detectors. The EFT was implemented to provide a simple test of equipment functionality over a few metallic targets representing suspected MEC items for the project. The test was repeated after battery changes. The primary objective was to demonstrate that the survey equipment was responding normally to a controlled set of objects. All tests were conducted in an area free of metal. If any instrument was found not to detect the target items/surrogates, the instrument was removed from operation until repaired and retested. The UXOQCS recorded the results of the checks in the daily IVS report (Appendix B).

4.1.3.4 Navigational Equipment

A Trimble Geo-XH GPS was used for navigational data collection, and an attempt was made to correlate sensor data with navigational data based on a local third-order monument or survey marker per guidance from EM 1110-1-4009 (USACE, 2007). No survey monuments or benchmarks were in close proximity to Site 12 EOD Area. Instead existing monitoring wells, 206a and 206b, were used for daily QA. The daily post-processing of the QA/QC GPS data for Site 12 EOD Area yielded no major discrepancies or GPS errors. Positional accuracy was within the manufacturer's standard for the GPS equipment.

GPS accuracy was checked by verifying position dilution of precision (PDOP) and horizontal dilution of precision (HDOP), established using guidance from EM 1110-1-4009 (USACE, 2007). GPS instruments were checked at the start of each day and midway through the work day by direct comparisons to known monuments (i.e., the two monitoring wells). Positional accuracy achieved was recorded on the Daily QC Report form. Equipment checkout forms and Daily QC Report forms are presented in Appendix B.

4.1.4 Personnel

Personnel involved in the MEC investigation/removal action at Site 12 EOD Area are listed on the personnel signature pages included in Appendix A and B.

The UXO Technicians met the qualifications stated in DDESB TP 18 (2004), OP5 (2001), and NOSSAINST 8020-15B (Navy, 2009). The field UXO Team included a SUXOS and UXOQCS, who also served the role of UXOSO and support UXO Technicians.

4.2 LIMITATIONS OF TECHNOLOGIES USED

For accessible areas there were no technology limitations identified for the UXO detector-aided surface survey equipment (Schonstedt GA-52Cx and White's Spectrum XLT). These UXO detectors worked as designed and fulfilled the scope of work for Site 12 EOD Area by identifying munitions-related items on the ground surface throughout the site. Excavated subsurface materials were brought to the surface by the backhoe bucket and there were no technology limitations in surveying the excavated material. The pond area was known during the planning phase to be complex because of the potential presence of munitions requiring discussion with Stakeholders to develop a well thought out approach; and so the pond was not included in the TCRA scope of work and will instead be investigated in a separate future phase of the project.

A NOSSA audit conducted between July 7 and July 8, 2010, noted a limitation with regard to the GPS unit in that none of the twice-daily GPS checks achieved the required 8-inch positional accuracy described in the Work Plan. The 8-inch positional accuracy was identified as the manufacturer's quoted qualifications for the GPS equipment used under ideal field conditions. A FCR was issued to remove this requirement as an unnecessary requirement for collection of data during this phase of the project. The Trimble Geo-XH employed by the field staff is the industry standard for handheld GPS equipment and is highly accurate. However, it is not survey grade and cannot reliably and consistently achieve that level of accuracy. Regardless, the location data collected from the GPS units were downloaded from the unit and post-processed on a daily basis. The post-processing refined each data point through differential correction, during which atmospheric conditions and other anomalies in the GPS signal are accounted for and corrected. The post-processing software downloaded control data at a nearby Continuously Operating Reference Station (CORS) and generated a more precise coordinate for a given location. The corrections varied by as little as a few inches to a few feet. Moreover, any discrepancy or offset from the monument locations (i.e., two monitoring wells) could not be universally applied to all point locations. This offset typically varied spatially, which is why differential correction is a more optimal approach.

Positional accuracy is site specific and dependent on daily conditions. Documentation of the field task change was addressed in an FCR (#13) (Appendix A).

4.3 EFFECTS ON RESIDUAL HAZARD/RISK

The TCRA reduced the hazard/risk at Site 12 EOD Area but did not eliminate it. All accessible areas of the ground surface within the investigation area were cleared of MEC/MPPEH residual hazards/risk during a detector-aided surface survey conducted to remove munitions-related items and debris as well as non-munitions debris. The Navy plans to initiate discussions with stakeholders to determine the best path forward for investigation of the pond. The area between the IBD and extent of the investigation area (the perimeter road, in general) was not investigated because no MEC/MPPEH was expected in this area based on the historical information available which indicated no munitions-related activities took place in these areas. Therefore, this area does not have any residual hazard/risk for future land users.

No intrusive operations were conducted to investigate the subsurface outside of the existing and historical berm area, where kickouts on the ground surface were anticipated, but trenching was completed in the central area of the site (existing and historical berm area) to investigate subsurface anomalies where detonation operations occurred; munitions were likely buried, prior to being treated with explosives, to reduce fragmentation distances and control noise. Although MEC/MPPEH is present in the subsurface, subsurface residual hazard risk is not expected based on the planned land use for the area. Long term, however, because a subsurface clearance action was not completed, erosional processes such as frost heave or heavy precipitation may expose munitions-related items that remain in the subsurface.

MC and, possibly, non-MC chemical contamination from non-munitions related debris and associated hazard/risk is unknown at this time, however, and will be investigated during a separate phase of work.

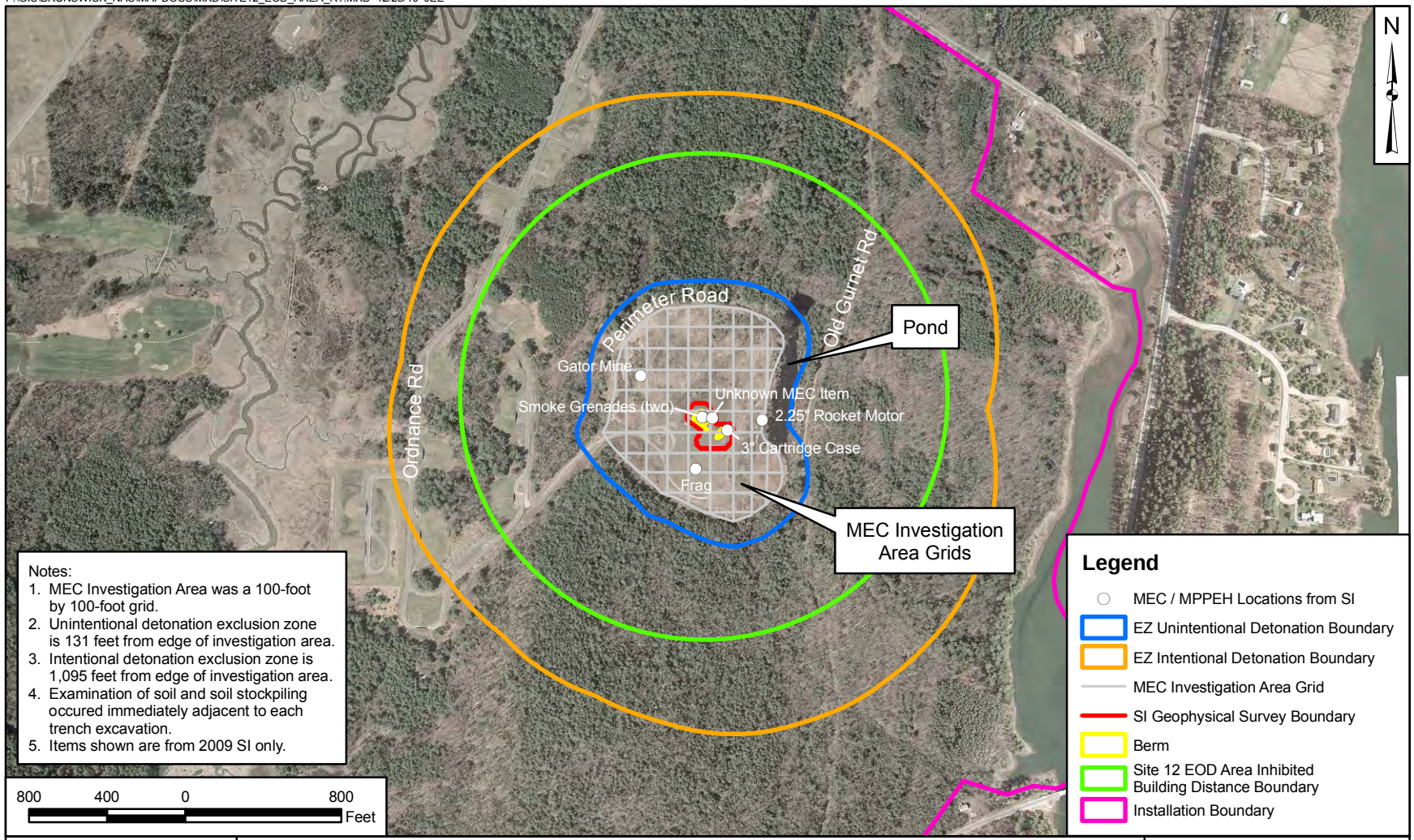
The current and future land use for this site is discussed in Section 2.0 above.

4.4 LESSONS LEARNED

Lessons learned were recorded in the UXOQCS Daily QC Logs (Appendix B) and discussed with the UXO team during the next day's safety meeting, or sooner if it was determined to be necessary. The Task Manager was briefed on lessons learned as soon as necessary. One primary lesson learned was to have the base Fire Department wet down the area before detonation activities in grassy areas. On June 22, 2010, following a detonation shot, a grass fire started, which was unexpected because grass in the area had been cut prior to the detonation, and the grass was wet from recent rains. The UXO Team

notified the base Fire Department who responded and extinguished the fire and the grass quickly grew back in the area. After that incident, the Fire Department was requested on site to wet down the area for all remaining detonations. Appendix C includes photographs of the base Fire Department wetting down a detonation area.

P:\GIS\BRUNSWICK_NAS\MAPDOCS\MXD\SITE12_EOD_AREA_R1.MXD 12/28/10 JEE



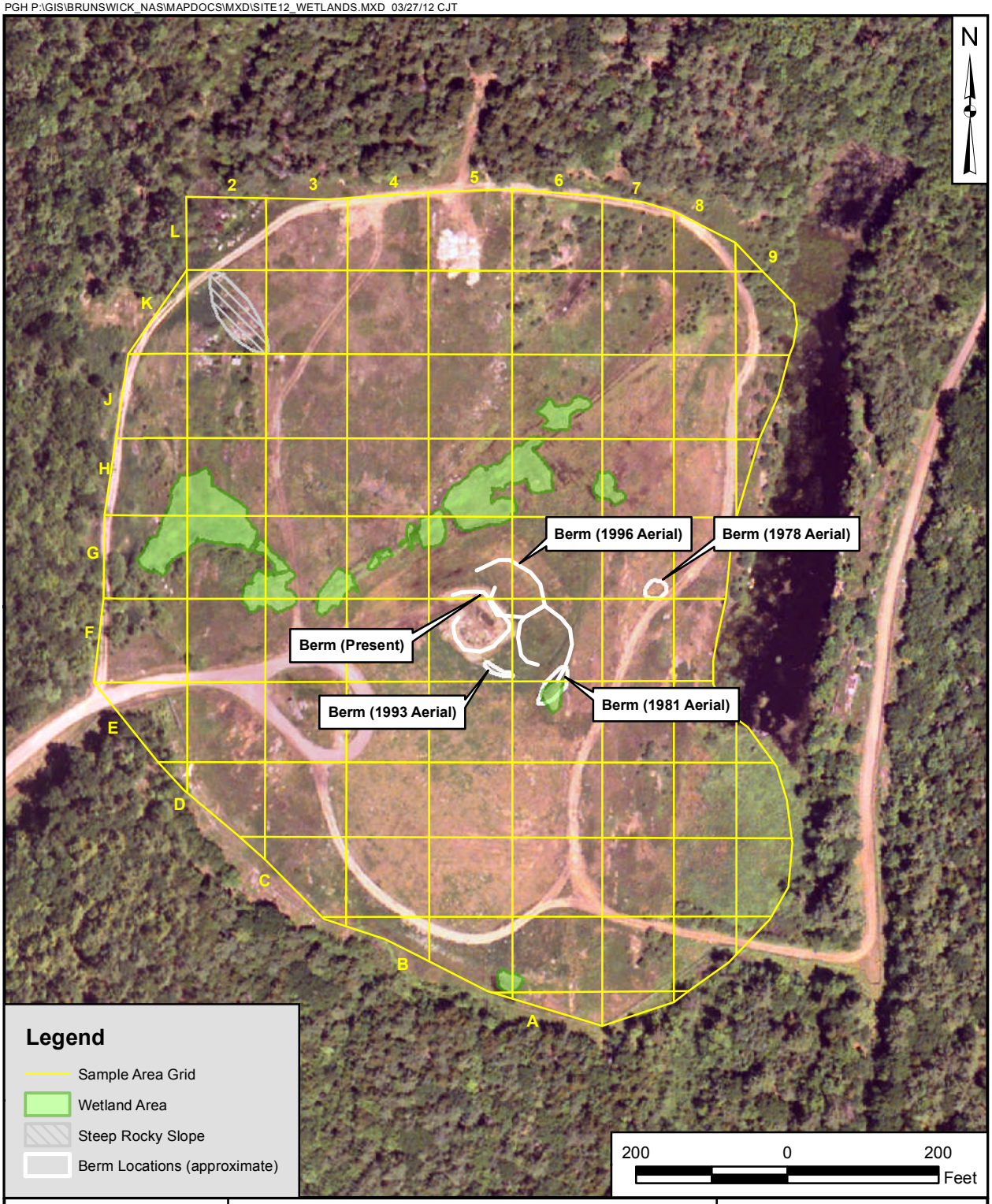
Notes:
1. MEC Investigation Area was a 100-foot by 100-foot grid.
2. Unintentional detonation exclusion zone is 131 feet from edge of investigation area.
3. Intentional detonation exclusion zone is 1,095 feet from edge of investigation area.
4. Examination of soil and soil stockpiling occured immediately adjacent to each trench excavation.
5. Items shown are from 2009 SI only.

Legend

- MEC / MPPEH Locations from SI
- EZ Unintentional Detonation Boundary
- EZ Intentional Detonation Boundary
- MEC Investigation Area Grid
- SI Geophysical Survey Boundary
- Berm
- Site 12 EOD Area Inhibited Building Distance Boundary
- Installation Boundary

DRAWN BY T. WHEATON	DATE 08/26/09	TETRA TECH	CONTRACT NUMBER CTO WE09
CHECKED BY M. COFFMAN	DATE 12/28/10	MEC INVESTIGATION AND REMOVAL AREA EXCLUSION ZONES SITE 12 EOD AREA NAVAL AIR STATION BRUNSWICK BRUNSWICK, MAINE	APPROVED BY ___ DATE ___
COST/SCHEDULE AREA			APPROVED BY ___ DATE ___
SCALE AS NOTED			FIGURE NO. FIGURE 4-1 / REV 0

PGH P:\GIS\BRUNSWICK_NAS\MAPDOCS\MXD\SITE12_WETLANDS.MXD 03/27/12 CJT

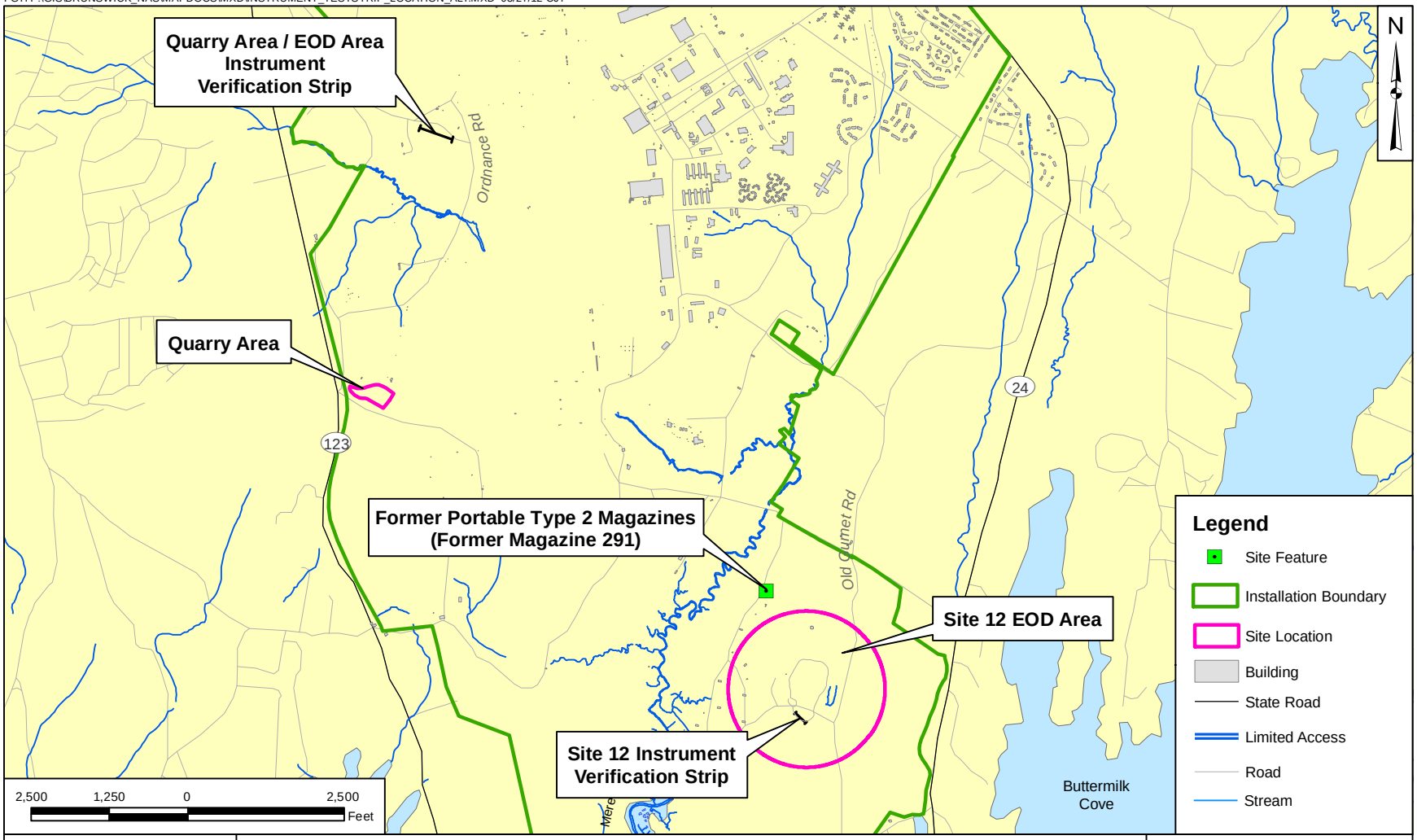


DRAWN BY T. WHEATON	DATE 11/22/10	TETRA TECH	CONTRACT NUMBER CTO WE09
CHECKED BY E. LOVE	DATE 12/23/10	INACCESSIBLE AREAS SITE 12 - EOD AREA NAVAL AIR STATION BRUNSWICK BRUNSWICK, MAINE	APPROVED BY ___ DATE ___
REVISED BY C. TULLEY	DATE 03/27/12		APPROVED BY ___ DATE ___
SCALE AS NOTED			FIGURE NO. FIGURE 4-2 / REV 0

PGH P:\GIS\BRUNSWICK_NAS\MAPDOCS\MXD\SITE12_TRENCHES.MXD 03/27/12 CJT

DRAWN BY J. ENGLISH	DATE 12/23/10	TETRA TECH	CONTRACT NUMBER CTO WE09
CHECKED BY E. LOVE	DATE 12/23/10	TCRA TRENCH LOCATIONS SITE 12 - EOD AREA NAVAL AIR STATION BRUNSWICK BRUNSWICK, MAINE	APPROVED BY ___ DATE ___
REVISED BY C. TULLEY	DATE 03/27/12		APPROVED BY ___ DATE ___
SCALE AS NOTED			FIGURE NO. FIGURE 4-3 / REV 0

PGH P:\GIS\BRUNSWICK_NAS\MAPDOCS\MXD\INSTRUMENT_TESTSTRIP_LOCATION_ALT.MXD 03/27/12 CJT



DRAWN BY J. ENGLISH	DATE 12/23/10	TETRA TECH	CONTRACT NUMBER CTO WE09
CHECKED BY E. LOVE	DATE 05/16/11	INSTRUMENT VERIFICATION STRIP LOCATIONS FORMER NAVAL AIR STATION BRUNSWICK BRUNSWICK, MAINE	APPROVED BY ___ DATE ___
COST/SCHEDULE AREA			APPROVED BY ___ DATE ___
SCALE AS NOTED			FIGURE NO. FIGURE 4-4 / REV 0

5.0 RATIONALE FOR VARIATIONS FROM APPROVED ESS

The first phase of the TCRA (2010) was conducted without the need for any significant amendments to the approved ESS. However, minor corrections were made to the ESS based on the NOSSA audit. The minor corrections were made in the field and submitted to NOSSA in accordance with NOSSAINST 1820.15B; field change requests associated with the ESS and/or work plan are provided in Appendix A.

The Correction 1 of the ESS (August 2011) was approved by NOSSA and DDESB September 9 2011. This correction documented the removal of the Type 2 Magazines and required demolition explosives (donor charges) to be delivered on an as-needed basis, with no explosives stored on site. It also reflected the 24 May 2011 Fragmentation Data Review Form increase of the 40-mm Mk 2 projectile hazardous fragment distance (HFD) from 131 feet to 132 feet.

6.0 AREAS WHERE MUNITIONS RESPONSE ACTIVITIES WERE NOT CONDUCTED

The TCRA was conducted at Site 12 EOD Area and included UXO detector-aided survey of surface soil in all accessible areas within the site perimeter road (with step outs as necessary). An intrusive investigation in the existing and historical berm area (1978 Berm, not included) was conducted to confirm the presence of MEC and munitions-related items in subsurface soil from 12 trenches up to approximately 4 feet deep. The area between the IBD and extent of the investigation area (the perimeter road, in general) was not investigated because no MEC/MPPEH was expected in this area based on the historical information available indicating no munitions-related activities took place in these areas.

TCRA investigation activities were not conducted during the 2010 field event in the pond, wetlands, and steep rocky slope areas identified at Site 12 EOD Area (Figure 4-2) per instruction described in the FCR (#2) from the NAS Brunswick POC (Appendix A). Approximately 0.3 acres of steep (80 to 90 degree slope) rocky area in the northwest portion of the site was visually surveyed to the extent possible during the 2011 field event; this work was not conducted in 2010 due to safety concerns regarding walking/climbing on the slope (photograph in Appendix C).

TCRA investigation activities were completed during the 2011 field event in the wetlands and on the steep rock slope (Figure 4-2), following guidance from MEDEP. The wetlands were cut but not uprooted to allow surface clearance activities to be completed. The steep rocky slope was visually inspected by each member of the UXO field team because the slope was inaccessible due to potential safety hazards. Field forms for the 2011 TCRA activities are included in Appendix A and photographs are included in Appendix C.

7.0 MEC AND MPPEH FOUND AND/OR RECOVERED

7.1 GENERAL

MEC/MPPEH were found during the MEC investigation. Six detonation events were needed to treat the MEC/MPPEH items discovered on site.

7.1.1 Site 12 EOD Area Detector-Aided Surface Survey

Figure 7-1 shows the locations of all 38 MEC/MPPEH items accounted for on the MEC Tracking Log during the UXO detector-aided surface survey, and Table 7-1 summarizes the MEC/MPPEH items. Appendix C contains photographs of all MEC and MPPEH items included on the MEC Tracking Log, before and after treatment via donor charge (if required), identified during the Site 12 EOD Area investigation. Appendix D contains MEC and MPPEH Tracking Logs and MEC Accountability Logs.

7.1.2 Site 12 EOD Area – Subsurface Trenching Investigation

Figure 7-2 shows the locations of all MEC/MPPEH items found in and around the existing and historical berm area and specifically items identified during the trenching activities. Table 7-2 summarizes the MEC/MPPEH items and non-munitions-related items (approximately 1.5 pounds MEC/MDEH and over 800 pounds total) found during the trenching operations at Site 12 EOD Area. Appendix C contains photographs of all MEC and MPPEH items before and after treatment via donor charge, if required, identified during the Site 12 EOD Area investigation. Appendix D contains MEC and MPPEH Tracking Logs and MEC Accountability Logs.

7.2 MEC DOCUMENTATION

Tetra Tech established a system to record the finding of MEC in Site 12 EOD Area. The SUXOS directed the establishment of this system for numbering each MEC item and collecting the coordinates for each item. The location of each area of investigation was established using a GPS, and each MEC/MPPEH item identified was located using the GPS. The MEC and MPPEH Tracking Logs include the coordinates and disposition of each MEC/MPPEH item along with other collected information (Appendix D). The digitally recorded information on MEC/MPPEH locations was incorporated into the existing Environmental Geographic Information System (EGIS) for NAS Brunswick. Appendix A contains the Daily Activity Logs for the SUXOS, which also document the identification of each MEC/MPPEH item.

7.3 OFF-SITE MDAS DISPOSAL

The MDAS items shipped off site for disposal included a single 55-gallon drum containing a collection of small items (including the remains of treated MEC/MDEH items, assorted small arms ammunitions, fuzes, impulse cartridges, and mine, missile, and rocket motor components); a treated MK 34 torpedo; and a MK 82 concrete-filled inert bomb. Table 7-3 lists all items containerized for off-site disposal. The 1,850 pounds of MDAS recovered from Site 12 EOD Area was demilitarized by means of shredding and smelting at Bedford Recycling, Bedford, Indiana, and further recycled at the Waupaca Foundry, Tell City, Indiana. Documentation associated with off-site disposal and recycling of MDAS is included in Appendix D. Photographs of the items collected for off-site disposal are located in Appendix C.

7.4 NON-MUNITIONS DEBRIS DISPOSAL

Non-munitions debris identified during the detector-aided surface survey and subsurface trenching activities included approximately 1,800 pounds of rebar-reinforced concrete, concrete culverts, two empty 55-gallon drums found on the ground surface, and scrap sheet metal. The 55-gallon drums were used to consolidate small scraps of non-munitions-related items. Scrap metal (non-munitions related) removed from Site 12 EOD Area during the investigation was placed in an area designated by the NAS Brunswick POC for disposition by NAS Brunswick.

TABLE 7-1

DETECTOR-AIDED SURFACE SURVEY MEC/MPPEH FINDINGS SUMMARY
SITE 12 EOD AREA
NAVAL AIR STATION BRUNSWICK
BRUNSWICK, MAINE

Item	Location Coordinates		Date Found	Initial Classification	Description	Date Treated	Final Classification
	Northing	Easting					
S12-G2-01	378342.28	3016961.35	6/15/2010	MEC/ MPPEH Unarmed	Mk82 500 pound bomb-with Mk31 Mod1 Safety Device in the fuze well. EOD vented Mk82 500-pound bomb and determined it was inert and concrete filled (6/16/2010). Tetra Tech treated the MPPEH item Mk31 Mod1 Safety Device in the fuze well and found it did not have an explosive component. The first attempt (6/22/10) and second attempt (6/23/10) to treat the Mk31 component low ordered and did not sufficiently puncture the component. The third attempt (6/30/10) was successful.	6/16/2010 (BIP by EOD) 6/22/2010 (1st attempt) 6/23/2010 (2nd attempt) 6/30/2010 (3rd attempt, successful)	9/29/2010 - certified MDAS
S12-L2-02	378752.83	3016961.35	6/21/2010	MEC/ MPPEH Unarmed	Fuze, Unknown	6/22/2010 (BIP) 6/30/2010	--
S12-D8-03	378012.65	3017572.83	6/7/2010	MDAS	2.25" SCAR Warhead (solid steel)	--	9/29/2010 - certified MDAS
S12-J8-04	378544.89	3017532.02	7/8/2010	MEC/ MPPEH Armed	40mm Cartridge Base, live primer	7/14/2010	--
S12-J9-05	378601.00	3017623.00	7/8/2010	MEC/ MPPEH Armed	40mm Cartridge Base, live primer	7/14/2010	--
S12-H8-06	378492.86	3017588.78	7/8/2010	MEC/ MPPEH Armed	40mm Cartridge Base, live primer	7/14/2010	--
S12-F6-07	378231.51	3017375.41	7/11/2010	MPPEH	Fuze Unknown, expended	7/14/2010	--
S12-F6-08	378291.30	3017355.45	7/11/2010	MPPEH	40mm Practice Grenade, appears to be a solid round (dummy round)	7/14/2010	--
S12-F6-09	378278.43	3017316.83	7/11/2010	MPPEH	Smoke Grenade M-18, expended but with fuze	7/14/2010	--
S12-F6-10	378212.74	3017297.05	7/11/2010	MPPEH	Smoke Grenade M-18, expended but with fuze	7/14/2010	--
S12-F5-11	378257.79	3017264.13	7/11/2010	MPPEH	60mm mortar, empty	7/27/2010	9/29/2010 - certified MDAS
S12-F5-12	378286.86	3017213.49	7/11/2010	MPPEH	Bulk propellant filler exposed in unknown type rocket body	7/14/2010	--
S12-F5-13	378259.13	3017285.85	7/12/2010	MPPEH	Powder train time fuze component, appears to be expended	7/14/2010 (BIP)	--
S12-G4-14	378331.41	3017151.12	7/19/2010	MPPEH	20mm projectile, intact without fuze	7/27/2010	--
S12-F4-15	378216.91	3017162.85	7/19/2010	MEC	20mm Projectile, with fuse, unfired	7/20/2010 (BIP)	--
S12-B7-16	377832.68	3017448.59	7/20/2010	MPPEH	M904 Bomb Nose Fuze, intact but corroded	8/4/2010	--
S12-H2-17	378464.71	3016950.13	7/25/2010	MPPEH	81mm Practice Mortar, empty, unfuzed, (solid round)	--	9/29/2010 - certified MDAS
S12-G3-18	378416.31	3017025.65	7/25/2010	MPPEH	75mm Projectile, empty	8/4/2010	9/29/2010 - certified MDAS
S12-G3-19	378352.23	3017069.79	7/25/2010	MPPEH	75mm Projectile, empty	--	9/29/2010 - certified MDAS
S12-G2-20	378343.20	3016874.95	7/25/2010	MEC	Tail Fuze, AN-Mk228, fully loaded	7/27/2010 (BIP)	--
S12-G1-38	378336.43	3016785.96	8/4/2010	MPPEH	Gator Mine, labeled inert, painted blue	8/5/2010	9/29/2010 - certified MDAS

BIP - Blow-In-Place
EOD - Explosive Ordnance Disposal
MDAS - Material Documented as Safe
MEC - Munitions of Explosive Concern
mm - millimeter
MPPEH - Material Possibly Presenting an Explosive Hazard

TABLE 7-2

TRENCH EXCAVATION SUMMARY OF MEC/MPPEH AND NON-MUNITIONS FINDINGS
SITE 12 EOD AREA
NAVAL AIR STATION BRUNSWICK
BRUNSWICK, MAINE

Trench Number	Date	Size of Trench			Item Identification Number	MEC/MPPEH Items			Non-Munitions Items		
		Length	Width	Depth		Number and Description	Weight (pounds)	Date Treated	Number and Description	Weight (pounds)	Date Treated
		(feet)									
T- 1	7/21/2010	30	3	3.5 (stopped at water table)	--	--	--	--	Non-munitions related scrap reinforced concrete 1 large culvert pipe	5 300	9/29/2010
T- 2	7/24/2010	20	3	2 (stopped at bedrock)	--	--	--	--	Non-munitions related scrap, sheet metal	40	9/29/2010
T- 3	7/24/2010	17	3	4 (stopped at water table)	--	--	--	--	Non-munitions related scrap, rebar, reinforced concrete, construction debris (asphalt)	60	9/29/2010
T- 4	7/23/2010	30	3	4 (stopped at water table)	--	--	--	--	Non-munitions related scrap, mainly large culvert pipe	220	9/29/2010
T- 5	7/27/2010	13	6	4	--	--	--	--	Non-munitions related scrap, 6-inch diameter pipe, 3 feet long.	75	9/29/2010
T- 6	7/22 - 7/23/2010	24	3	4 (stopped at water table)	--	--	--	--	Non-munitions related scrap, mainly large culvert pipe	80	9/29/2010
T- 7	7/26/2010	20	3	4 (stopped at water table)	S12-Trench7-21 S12-Trench7-22 S12-Trench7-23 S12-Trench7-24 S12-Trench7-25 S12-Trench7-26	Munitions-related scrap including: 75mm projectile base (12 inches deep), fragment (18 inches deep), ballistic shield (24 inches deep), fragment (8 inches deep), 40mm cartridge base (6 inches deep) ejection cartridge base (3 inches deep)	10	9/29/2010 - certified MDAS	Non-munitions related scrap	25	9/29/2010
T- 8	7/26/2010	23	3	4 (stopped at water table)	S12-Trench8-27	MPPEH includes: unknown fuze (42 inches deep)	10	7/27/2010	--	--	--
					S12-Trench8-28 S12-Trench8-29 S12-Trench8-30	Munitions-related scrap including: 37mm cartridge base (18 inches deep), 2.5-inch rocket motor (30 inches deep) rocket motor venturi (24 inches deep)		9/29/2010 - certified MDAS	Non-munitions related scrap	160	9/29/2010
T- 9	7/24/2010	27	3	4 to the north 2 to the south (stopped at bedrock)	--	--	--	--	Non-munitions related scrap rebar, sheet metal	70	9/29/2010
T- 10	7/28/2010	6	3 (east end) to 7 feet (to access torpedo for removal)	4 (stopped at water table)	S12-Trench10-31 S12-Trench10-32 S12-Trench10-33 S12-Trench10-35 S12-Trench10-36 S12-Trench10-37	MPPEH includes: 2.25-inch SCAR warhead (36 inches deep), 2.75-inch rocket venturi (30 inches deep), rotating band from a 5-inch projectile (30 inches deep), unknown fuze (18 inches deep), Mk 34 torpedo (12 inches deep); fuze, unknown	800-900	9/29/2010 - certified MDAS	--	--	--
					S12-Trench10-34	MEC includes: Bulk HE	0.5	8/4/2010			
T- 11	8/2/2010	21	6	4 (stopped\ at water table)	--	--	--	--	Non-munitions related scrap, culvert pipe	350	9/29/2010
T- 12	8/3/2010	21	3	4 (stopped at water table)	--	--	--	--	Non-munitions related scrap, old culvert pipe	425	9/29/2010

HE - High Exlosive
MDAS - Material Documented as Safe
MEC - munitions of explosive concern
mm - millimeter
MPPEH - Material Possibly Presenting an Explosive Hazard
SCAR - Sub-Caliber Aircraft Rocket

TABLE 7-3

MDAS DISPOSAL TRACKING FORM
SITE 12 EOD AREA
NAVAL AIR STATION BRUNSWICK
BRUNSWICK, MAINE

Container/Skid No.	Item No.	Item Description	Quantity
1	1	Unknown Fuze	4 each
1	2	Nose Plug	3 each
1	3	Rotating Band	1 each
1	4	Gator Mine Components	2 each
1	5	90mm Projectile	1 each
1	6	60mm Mortar	1 each
1	7	Missile Components	2 each
1	8	40mm Cartridge Base	2 each
1	9	Fuze, Projectile Nose	1 each
1	10	Bomb Lug	1 each
1	11	Adapter Ring	2 each
1	12	Rocket Motor Component (2.25 inches)	1 each
1	13	Fuze Components	9 each
1	14	Rocket Motor Components (2.36 inches)	1 each
1	15	Impulse Cartridges	102 each
1	16	Grenade Fuze	3 each
1	17	Explosive Cable Cutter	1 each
1	18	Miscellaneous Fragments	5 pounds
1	19	Assorted Small Arms Ammunition	332 rounds
1	20	Cartridge Base (37mm)	1 each
1	21	Projectile (.50 Caliber)	1 each
2	1	MK 82 Bomb (Concrete Filled)	1 each
3	1	MK 34 Torpedo	1 each
4	1	MK 34 Torpedo (Fin Assembly)	1 each

All items were certified inert and/or free of explosives or related materials on September 9, 2010, and were removed from NAS Brunswick on October 4, 2010.

Note: Items on this list only include items disposed of offsite. Some items treated as MEC/MPPEH were completely destroyed with no residual fragments and therefore, do not appear on this list.

PGH P:\GIS\BRUNSWICK_NAS\MAPDOCS\MXD\SITE12_TCRA_RESULTS_LUC.MXD 03/27/12 CJT

DRAWN BY J. ENGLISH	DATE 12/27/10	TETRA TECH	CONTRACT NUMBER CTO WE99
CHECKED BY E. LOVE	DATE 03/03/12	TCRA RESULTS SITE 12 - EOD AREA NAVAL AIR STATION BRUNSWICK BRUNSWICK, MAINE	APPROVED BY ___ DATE ___
REVISED BY C. TULLEY	DATE 03/27/12		APPROVED BY ___ DATE ___
SCALE AS NOTED			FIGURE NO. FIGURE 7-1 REV 0

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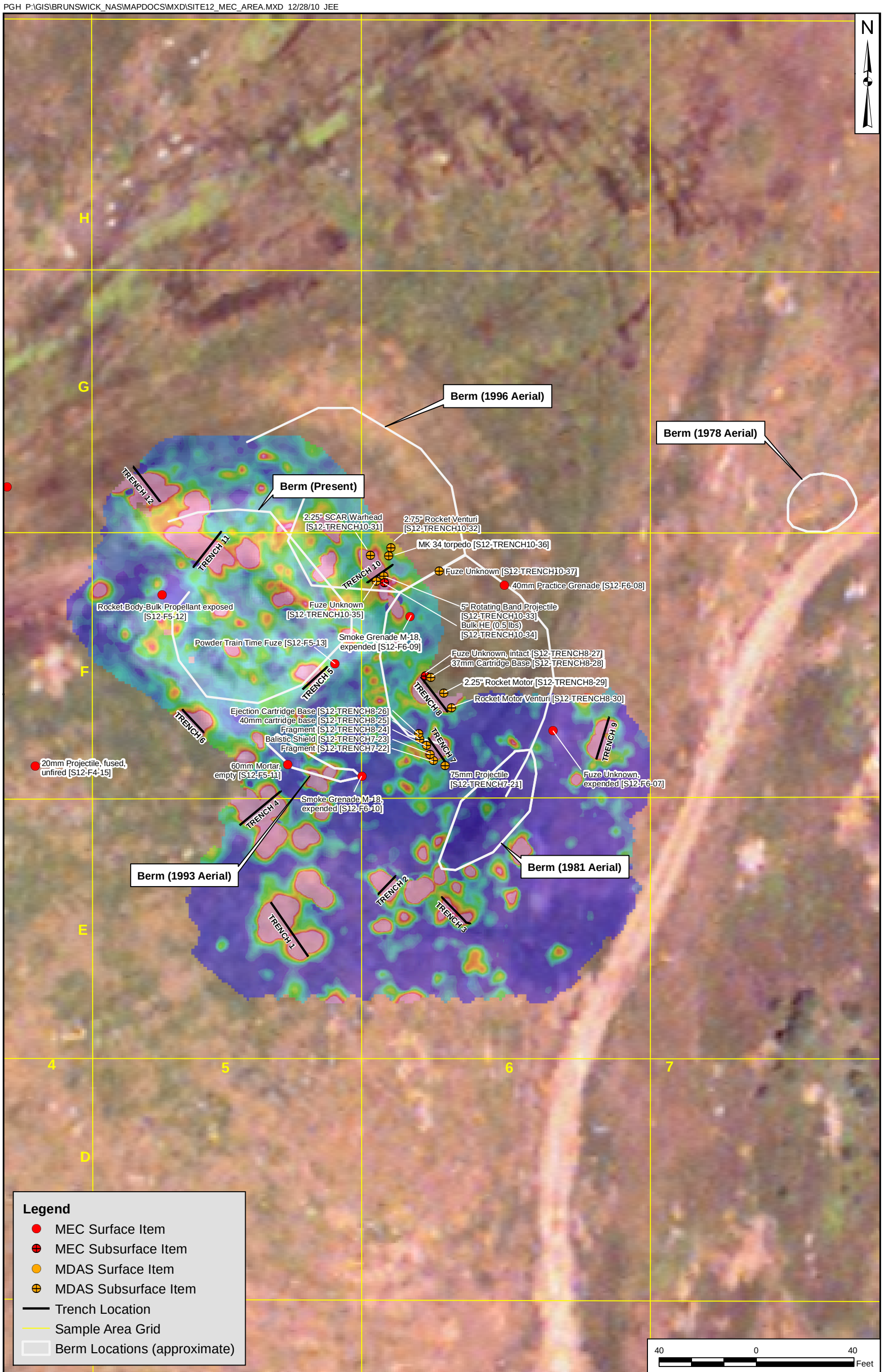


DRAWN BY T. WHEATON DATE 11/22/10	TETRA TECH		CONTRACT NUMBER CTO WE09
CHECKED BY E. LOVE DATE 12/28/10	TCRA RESULTS - BERM AREA SITE 12 - EOD AREA NAVAL AIR STATION BRUNSWICK BRUNSWICK, MAINE		APPROVED BY ___ DATE ___
REVISED BY ___ DATE ___			APPROVED BY ___ DATE ___
SCALE AS NOTED			FIGURE NO. FIGURE 7-2 / REV 0

8.0 PROJECT QC AND QA REPORTS

The Quality Control Plan was developed to identify and implement quality requirements to ensure that overall project activities were accomplished using an acceptable level of internal controls and review procedures. The intent of such controls was to eliminate conflicts, errors, and omissions and to ensure the technical accuracy of the deliverables.

The quality requirements associated with field activities are defined in Table 8-1. These requirements applied to all field activities that affected the quality of work and work products. Appendix A contains copies of the Daily Activity Logs, and Appendix B contains copies of QC/Safety Logs.

All field activities affecting QC were performed in accordance with documented procedures, instructions, or drawings identified in the Work Plan, or applicable Data Item Description (DIDs). During all field activities, Tetra Tech used the following types of documentation:

- QC Daily Reports
- QC Summary Reports
- Field Logbooks
- Field Activity Daily Safety Logs
- Equipment Inspection Checklists
- Preparatory Phase Inspection Reports
- Initial Phase Inspection Reports
- Follow-Up Inspection/Surveillance Reports
- Daily Tailgate Safety Briefings

The SUXOS maintained a field logbook of all inspection and testing activities that was used in preparing the QC Daily Reports. All QC Reports generated during this effort are being submitted with this Interim After Action Report. Reports were not prepared for days on which no work was performed. All reports, logs, and checklists are presented in Appendix A, B, and D.

Field performance was evaluated to ensure that the quality standards and objectives of the Work Plan were met. The Naval EOD Technical Division (NAVEODTECHDIV) and NOSSA conducted additional audits. The procedures for auditing activities were identified prior to implementation of the audits. The UXO Program Manager conducted daily audits of the Field Activity Daily Logs (Appendix A) and weekly audits of the QC/safety reports (Appendix B).

NAVEODTECHDIV conducted an audit from June 21 through June 30, 2010. Topics reviewed during the audit included QC operations, MEC accountability, IVS, site-specific training, demolition operations, GPS daily QC, surface survey, ESS and Work Plan, and HASP.

NOSSA conducted an audit on July 7 and 8, 2010. All audit findings, primarily work plan clarifications and ESS corrections, were resolved and approved by NOSSA. All FCRs resulting from the audits are included in Appendix A.

The UXOQCS was responsible for conducting periodic QC checks during surface surveys and intrusive trenching activities. Blind seeds (small ISOs) were used during the detector-aided surface survey investigation process as an additional QC check. Blind seed items were placed on the surface but masked by grass or leaves to test detection and removal techniques at locations throughout the Site 12 EOD Area prior to performance of the detector-aided surface survey. At least one blind seed item, and no more than six, was placed in each estimated daily lot of work (approximately eight grids or 2 acres). If a blind seed was missed, that lot of work was reworked.

The area within the Site 12 EOD Area where mechanized equipment was used for trenching received a QC survey. Excavated and cleared soil received a QC survey prior to being used to backfill the trenches. All QC checks for both blind seed and trenching were documented in the UXOQCS logbook, daily QC report, and surveillance follow-up reports provided in Appendix C.

The field teams involved with site work were responsible for reporting any suspected technical non-conformances or deficiencies to the UXO Program Manager and/or Tetra Tech Task Manager. The UXO Program Manager was responsible for evaluating all non-conformances or deficiencies, implementing corrective action, and initiating following up with a compliance review, if required, after notification of the Tetra Tech Task Manager. Records were kept of all auditing tasks and findings and copies were provided to the Navy RPM. No suspected technical non-conformances or deficiencies were reported for activities conducted at Site 12 EOD Area.

TABLE 8-1

QUALITY REQUIREMENTS FOR UXO SUPPORT TO THE NAVY
SITE 12 EOD AREA
NAVAL AIR STATION BRUNSWICK
BRUNSWICK, MAINE

Objective	Activity	Activity Quality Requirement	Quality Control Verification
Prepare Site	Mobilization and Site Preparation	Mobilize equipment and personnel and prepare site as described in Work Plan.	• Daily Site Health and Safety Meeting Report • Field Logbooks
Site Work	Vegetation Clearance	UXO Technicians, supervised by UXO Team Leader, performed vegetation clearance and removal to allow access to areas for detector-aided surveys and anomaly reacquisition. Fail criteria were any area with vegetation smaller than 2 inches in diameter and taller than 12 inches.	• QC Daily Report • Daily Site Health and Safety Meeting Report • Daily Equipment Checklist • QA Audit Checklist and Audit Form • Health and Safety Compliance Inspection • Field Logbooks • QC vegetation clearance operations
Site Work	Surface UXO Clearance	UXO Technicians, supervised by SUXOS, removed MEC from surface. QC checks were performed to ensure that UXO Team removed all surface MEC. Fail criteria were any MEC discovered in cleared areas.	• QC Daily Report • Daily Site Health and Safety Meeting Report • Daily Equipment Checklist • QA Audit Checklist and Audit Form • Health and Safety Compliance Inspection • Field Logbooks • QC 10% of area cleared during surface clearance
Site Work	Trenching Operations	UXO Technicians, supervised by SUXOS, removed MEC from excavated soil during trenching. QC checks were performed to ensure that UXO Team removed all MEC from excavated soil. Fail criteria were any MEC discovered in excavated areas.	• QC Daily Report • Daily Site Health and Safety Meeting Report • Daily Equipment Checklist • QA Audit Checklist and Audit Form • Health and Safety Compliance Inspection • Field Logbooks • QC 10% of excavated soil

TABLE 8-1

QUALITY REQUIREMENTS FOR UXO SUPPORT TO THE NAVY
SITE 12 EOD AREA
NAVAL AIR STATION BRUNSWICK
BRUNSWICK, MAINE

Objective	Activity	Activity Quality Requirement	Quality Control Verification
Site Work	UXO Escort/Avoidance Operations	UXO Technician conducted avoidance while conducting UXO escort duties. QC checks were performed to ensure that no MEC/MPPEH were moved or disturbed during this phase of project. Fail criteria were any anomaly moved or disturbed.	• QC Daily Report • Daily Site Health and Safety Meeting Report • Daily Equipment Checklist • QA Audit Checklist and Audit Form • Health and Safety Compliance Inspection • Field Logbooks • QC/observe UXO Escort duties
Site Work	UXO Surface Survey Operations	UXO Technicians, supervised by UXO Team Leader, completed grid/target inspection to collect data on type and location of MEC. QC checks were performed to ensure that MEC/MPPEH were located and identified and that data were collected and reported. Fail criteria were any MEC/MPPEH discovered in a grid/target that was not reported in data logs.	• QC Daily Report • Daily Site Health and Safety Meeting Report • Daily Equipment Checklist • QA Audit Checklist and Audit Form • Health and Safety Compliance Inspection • Field Logbooks • QC 10% of grids for MEC (Site 12 EOD Area) • QC 10% of targets for MEC (FMBW)
Site Work	Blind Seed of Survey Areas	The SUXOS, UXOQCS, or UXO Team Leader placed blind seed items representative of target MEC items at various surface locations throughout survey areas. Blind seed items were clearly marked with identifiers so that UXOQCS and SUXOS could record their locations during placement, reacquisition, and investigation. Failure criteria were failure to detect blind seed items during survey activities.	• QC Daily Report • Daily Site Health and Safety Meeting Report • Daily Equipment Checklist • QA Audit Checklist and Audit Form • Health and Safety Compliance Inspection • Field Logbooks • QC that all blind seed items were located and investigated during survey activities.

TABLE 8-1

QUALITY REQUIREMENTS FOR UXO SUPPORT TO THE NAVY
SITE 12 EOD AREA
NAVAL AIR STATION BRUNSWICK
BRUNSWICK, MAINE

Objective	Activity	Activity Quality Requirement	Quality Control Verification
Site Work	MEC/MDEH Disposal/Treatment	UXO Technicians, supervised by SUXOS, conducted MEC disposal/treatment operations. QC checks were performed to ensure that MEC/MDEH disposal was conducted in a safe and effective manner. Fail criteria were any unsafe or ineffective MEC/MDEH disposal operation.	• QC Daily Report • Daily Site Health and Safety Meeting Report • Daily Equipment Checklist • QA Audit Checklist and Audit Form • Health and Safety Compliance Inspection • Field Logbooks • QC MEC disposal operation
Site Work	MPPEH Certification	UXO Technicians, supervised by SUXOS, conducted MPPEH segregation into MDAS and MDEH. SUXOS inspected 100% of all MDAS. UXOQCS reinspected 100% of all MDAS. SUXOS prepared certification for MDAS. QC checks were performed to ensure that no energetic material remained in certified MDAS. Fail criteria were any energetic material discovered in certified MDAS.	• QC Daily Report • Daily Site Health and Safety Meeting Report • Daily Equipment Checklist • QA Audit Checklist and Audit Form • Health and Safety Compliance Inspection • Field Logbooks • QC MDAS during certification process
Site Work	Demobilization	Demobilized equipment and personnel according to schedule.	• Daily Site Health and Safety Meeting Report • Health and Safety Compliance Inspection • Field Logbooks

9.0 LAND USE CONTROLS IMPLEMENTED

The Site 12 EOD Area no longer has restricted access. Although the Site 12 EOD Area was located within the fenced weapons compound for most of the field effort, when construction on the Unites States Marine Corps Reserve Center began those construction personnel had unrestricted access to the area. NAS Brunswick security personnel monitor all access to the area, and frequent motor vehicle patrols are conducted as part of the access control program. Other than the NAS Brunswick facility gates, there are no other restrictions for the site at this time. However, the facility is in the closure process and the site is planned to be transferred outside Navy control after response actions are completed.

The base instruction regarding LUCs remained in effect until May 30, 2011. In February 2012, the Navy agreed to install a Land Use Control fence around the western and northern side of Site 12 which will connect with existing fencing on the south and east. Planning is currently in progress.

10.0 PROVISIONS FOR LONG-TERM MANAGEMENT

For MEC, a complete or potentially complete exposure pathway must include the following components:

(1) a source (e.g., locations where MEC are expected to be found);
(2) access (e.g., controlled or uncontrolled access, items on the surface or within the subsurface);
(3) an activity (e.g., non-intrusive grounds maintenance or intrusive construction); and
(4) receptors (e.g., civilian personnel).

If the point of exposure is not at the same location as the source, the pathway may also include a release mechanism (e.g., erosion) and transport medium (e.g., surface water). Additionally, the receptor must have access to the source and must engage in some activity that results in contact with individual MEC items within the source area. Figure 10-1 provides a graphical representation of the current understanding of the exposure pathways through which site receptors could come into contact with or be impacted by MEC at the site.

Table 10-1 provides a revised tabular representation of the CSM updated to include information gathered during the TCRA for Site 12 EOD Area. MEC/MPPEH items found on the surface were consistent with the CSM showing that the majority of the items were located in the central area of the site near the existing and historical berm area. Several items found on the ground surface (e.g., 20mm projectiles, fuzes, and fragments) are likely kick-outs from the EOD operations conducted in the bermed area. In addition, items such as the inert Mk82 500-pound bomb (S12-G2-01) and the inert gator mine (S12-G1-38) were painted blue and appeared to be training items, which indicates that training activities may have occurred anywhere within the perimeter road. MEC/MPPEH was removed from all accessible surface areas of Site 12 EOD Area. Although not readily accessible, MEC/MPPEH items may still present a potential hazard within the pond, which was not surveyed. MEC/MPPEH may migrate to the surface, over time, due to erosional processes and frost heave.

As expected, based on the CSM, the Site 12 EOD Area TCRA investigation confirmed the presence of and removed MEC/MPPEH from the subsurface of 12 trenches in the existing and historical berm area. The subsurface investigation, including geophysics, focused on the bermed area of the site where detonations historically occurred; an MEC/MPPEH item could possibly be found in the subsurface anywhere within the perimeter road. The presence of non-munitions-related debris (culverts, pipes, rebar, and scrap metal) identified on the surface and in the subsurface at Site 12 EOD Area was unexpected and likely resulted in identifying non-munitions-related subsurface anomalies as potential

MEC/MPPEH (false positives) during the SI geophysical survey. Because waste disposal activities occurred at Site 12 EOD Area, anomalies that are not related to munitions can be expected throughout the site.

Although MEC/MPPEH is likely present in the subsurface, current and future receptors are not expected to be exposed to these items because the area is projected to be a Conservation District (Natural Area) used by the general public for low-intensity activities such as bird watching, hiking, and educational purposes. In addition, in February 2012, the Navy agreed to install a Land Use Control fence around the western and northern side of Site 12 which will connect with existing fencing on the south and east. Planning is currently in progress.

Procedures for long-term management, including maintenance, monitoring, record keeping, five-year reviews, etc., have not yet been developed. The Navy plans to continue the investigation at Site 12 EOD Area through the CERCLA process. Currently, the Site 12 EOD Area is closed and not used. However, future land use will soon change due to base closure. Pending the results of future MC sampling (and future MEC investigation as necessary), additional long-term management requirements may include public outreach education programs, deed restrictions, and LUCs. Pending the completion of the site investigation and, in particular, if potential MEC remains in the pond and subsurface of the existing and historical berm area, additional long-term management may be required for MEC.

The area between the IBD and extent of the investigation area (the perimeter road, in general) was not investigated because no MEC/MPPEH was expected in this area based on the historical information available which indicated no munitions-related activities took place in these areas. Tetra Tech recommends decreasing the site boundary, which was originally based on the IBD, to approximately the extent of the perimeter road in the north, west, and south and following the proposed land use fence by encompassing the pond and Old Gurnet Road to the east, based on the available historical aerial photographs, results of the previous investigations, and the TCRA results. The proposed land use control boundary is depicted on Figure 7-1.

TABLE 10-1

CONCEPTUAL SITE MODEL INFORMATION PROFILES
SITE 12 EOD AREA
NAVAL AIR STATION BRUNSWICK
BRUNSWICK, MAINE

Profile Type	Information Needs	PRELIMINARY ASSESSMENT/TIME CRITICAL REMOVAL ACTION Findings
Range/Site Profile	Installation Name	NAS Brunswick
	Installation Location	Cumberland County, Maine
	Range/Site Name	Site 12 EOD Area
	Range/Site Location	Located acres at the southeastern portion of the installation, approximately 4,300 feet southeast of Building 539.
	Range/Site History	It is unclear when munitions related activities began at Site 12 EOD Area. However, based on a 1978 aerial photograph identified by MEDEP, a historic berm appears to be located on the site, indicating that munitions related activities were occurring as early as 1978. In 1981, the site was used for disposal of small quantities of ordnance, pyrotechnics, privately manufactured explosives, and war souvenirs. Use of the range was officially terminated on June 1, 2004. A portion of the site is also suspected of being a former sand/gravel pit. Based on the results of trenching activities in the current and historical berm area of the site, the site was also used as a landfill for construction related debris approximately 1,800 pounds such as concrete pipes, culverts, scrap metal, and rebar. This quantity of non-munitions debris material was unexpected at Site 12 EOD Area based on the CSM developed after the SI that assumed all or most items encountered would be munitions related; large quantities of non-munitions debris indicated that the site was also used for landfilling of non-munitions debris. The landfill activities may be co-located with the sand and gravel quarry activities but there is no historical documentation of these activities.
	Range/Site Area and Layout	The site consists of a 112.7-acre Surface Danger Zone (SDZ) based on the Inhabited Building Distance (IBD) but based on the TCRA, the actual area expected to contain MEC/MPPEH is significantly less acreage. The actual area, approximately 19 acres is roughly the area included with the perimeter road on the north, west, and south and encompasses the pond to the east. Located at the center of the site is a 5- to 6-foot-high semi-circular earthen berm, approximately 60 feet long by 100-feet wide. Two small demolition craters and a dumpster were located at the center of the site. The dumpster was removed in the 1990s. Following the completion of the geophysical investigation during the SI Report the existing and historical berms (detonation area) appeared to extend beyond the expected area based on the location of unbound subsurface anomalies at the edge of the investigation area. During the TCRA, unexpected non-munitions-related debris (culverts, rebar, concrete, piping, etc.) was discovered and indicated that landfilling of construction debris also occurred at the site.

TABLE 10-1

CONCEPTUAL SITE MODEL INFORMATION PROFILES
SITE 12 EOD AREA
NAVAL AIR STATION BRUNSWICK
BRUNSWICK, MAINE

Profile Type	Information Needs	PRELIMINARY ASSESSMENT/TIME CRITICAL REMOVAL ACTION Findings
	Range/Site Structures	The Site 12 EOD Area includes a 5- to 6-foot earthen berm. One former control bunker is located approximately 200 feet southwest of the current EOD pit.
	Range/Site Boundaries	N: Marine Corps Armed Forces Reserve Center S: Undeveloped land (pine forest), Buttermilk Mountain E: Unnamed stream, Maine State Route 24 W: Access road, undeveloped land (pine forest)
	Range/Site Security	The site is currently unrestricted once on base. A land use control fence is planned for summer 2012 which will restrict access to Site 12.

TABLE 10-1

CONCEPTUAL SITE MODEL INFORMATION PROFILES
SITE 12 EOD AREA
NAVAL AIR STATION BRUNSWICK
BRUNSWICK, MAINE

Profile Type	Information Needs	PRELIMINARY ASSESSMENT/TIME CRITICAL REMOVAL ACTION Findings
Munitions/ Release Profile	Munitions Types	Ordnance, pyrotechnics, privately manufactured explosive devices, and war souvenirs (A complete list along with other site uses can be found in Appendix D of the PA). Site discoveries during the SI (on the ground surface) included two smoke grenades, one unidentified munitions-related item that might possibly be a JATO M8 rocket motor, one 3-inch cartridge case, one 2.2-inch rocket motor (munitions debris), and one gator mine. During the TCRA, discoveries (on the ground surface) included the following: • inert 500-pound MK82 bomb (with fuze), • multiple unknown fuzes and components, • 40mm cartridge cases with live primer, • 40mm practice grenade, • M-18 smoke grenades (expended with fuzes), • 60mm mortar, • a small quantity of bulk propellant exposed in an unknown rocket type, • 20mm projectiles with and without fuzes, • M904 bomb nose fuze, • 75mm projectile base, • 81mm practice mortar empty unfuzed, solid, • AN-Mk228 Tail Fuse fully loaded, • Gator Mine (labeled inert, blue) Munitions-related items identified in the subsurface, during limited trenching activities included the following: • 75mm projectile base, • fragments, • ballistic shield, • 40mm cartridge base, • ejection cartridge base, • unknown fuzes, • 37mm cartridge base, • 2.5 inch rocket motor, • rocket motor venture • 2.25 in SCAR warhead, • 2.75 inch rocket venture, • rotating band (5 inches), • unknown fuzes • Mk34 torpedo, and • a small amount of bulk high explosive (HE).

TABLE 10-1

CONCEPTUAL SITE MODEL INFORMATION PROFILES
SITE 12 EOD AREA
NAVAL AIR STATION BRUNSWICK
BRUNSWICK, MAINE

Profile Type	Information Needs	PRELIMINARY ASSESSMENT/TIME CRITICAL REMOVAL ACTION Findings
	Maximum Probability Penetration Depth	Munitions were placed on the ground and destroyed with explosives by certified EOD personnel. Because none of the munitions were fired at the site, the maximum probability penetration depth is approximately 1 foot below ground surface for kick-outs from the detonations and 4 feet bgs within the existing and historical berm areas considering that munitions would have been buried prior to treatment via detonation. It is also possible that MEC/MPPEH was disposed of at the pond on the eastern edge of the site although historical records do not implicate the pond.
	MEC Density	MEC density was expected to be moderate within the existing and historic earthen berm areas due to the reports of numerous small fragments existing onsite. This was confirmed during the SI where anomaly density around the berms was determined to be moderate to high although covering a more extensive area than anticipated. MEC density is assumed to be low outside the berm area but inside the perimeter road, due to possible kick-out from operations or training activities. This was confirmed during the SI and TCRA. However, because landfilling activities occurred at Site 12 EOD Area, anomalies that are not related to munitions can be expected throughout the site. The majority of the site's subsurface has not been investigated or cleared and may still contain MEC/MPPEH.
	Munitions Debris	Blank 5.56mm and blank 7.62mm rounds were observed on the perimeter road. No munitions scrap/fragments were found during the PA visual survey; however, limited access due to EOD hazard concerns did not allow a visual survey of the entire site. In the past, several small munitions fragments have been observed in surface soil inside the earthen berm area. During the SI and TCRA, numerous items (MEC/MPPEH and MDAS [formerly MD] were encountered at the ground surface and in the limited trenching activities as described above. Munitions debris found outside the historical berm area may be kick-outs from historical operations at the berm areas or the result of isolated training events, which appear to have occurred anywhere within the perimeter road.
	Associated MC	Potential associated MC are lead, antimony, copper, zinc, TNT, RDX, HMX, black powder, white phosphorus, red phosphorus, tetryl, and perchlorate.
	Migration Routes/ Release Mechanisms	Potential MEC migration routes include surface soil and subsurface soil around the existing/historical berms. Potential MC migration routes include groundwater, surface water, sediment, surface, and subsurface soil.

TABLE 10-1

CONCEPTUAL SITE MODEL INFORMATION PROFILES
SITE 12 EOD AREA
NAVAL AIR STATION BRUNSWICK
BRUNSWICK, MAINE

Profile Type	Information Needs	PRELIMINARY ASSESSMENT/TIME CRITICAL REMOVAL ACTION Findings
Physical Profile (see Section 5.3)	Climate	The area has a continental climate with three well-defined seasons. Highest temperatures occur in July (79°F or higher) and coldest temperatures occur in January (21°F or lower).
	Topography	The southern half of the site is relatively flat. The northern half of the site is marked by undulating hills and is approximately 10 feet higher in elevation than the southern half.
	Geology	The geology of the site is only partially understood and was first based on three test pits excavated within the current berm area during 1991. In two of the test pits, micaceous schist was encountered at 3 feet bgs underlying fill or disturbed soil over 1 to 2 feet of very dense till. The third test pit had 2 feet of fill or disturbed soil overlying desiccated, very stiff, gray silty clay. Bedrock was encountered at less than 3 feet bgs in two of the three test pits in the berm area but was not encountered in a third pit excavated to 6 feet bgs. Bedrock was encountered at approximately 2 to 4 feet during the TCRA Trenching activities. Bedrock at Site 12 EOD Area is mapped as the Cape Elizabeth Formation. Bedrock depressions are oriented north northeast and northeast and range in size from 50 to 130 feet in width and 5 to 20 feet in depth. Bedrock ridges have steep west-facing slopes, and joints strike west northwest and dip steeply to the south southwest or north northeast.
	Soil	Suffield-Buxton-Hollis Association; deep to shallow, moderately well-drained to somewhat poorly drained soils with low permeability.
	Hydrogeology	There are no wells within the boundary of the site; however, based on the TCRA trenching efforts, the groundwater table is approximately 4 feet bgs. The closest private drinking water wells are approximately 2000 feet east of the site, along Coombs Road. A groundwater divide bisects the Site 12 EOD Area; a portion of the groundwater flowing west toward Mere Brook and a portion flowing east toward the site pond just east of perimeter road. The pond on the eastern side of the site is located in a rocky area and its connection to groundwater is unknown. The pond outlet stream is located on the northern end of the pond, flows in a northerly direction, and has been observed to be intermittently dry.
	Hydrology	Surface water drains from the pond on site to a small creek.
	Vegetation	Vegetation at the site consisted of tall grasses within the perimeter road (cut during the TCRA except for wetland areas), and maple and pine trees in the surrounding area.

TABLE 10-1

CONCEPTUAL SITE MODEL INFORMATION PROFILES
SITE 12 EOD AREA
NAVAL AIR STATION BRUNSWICK
BRUNSWICK, MAINE

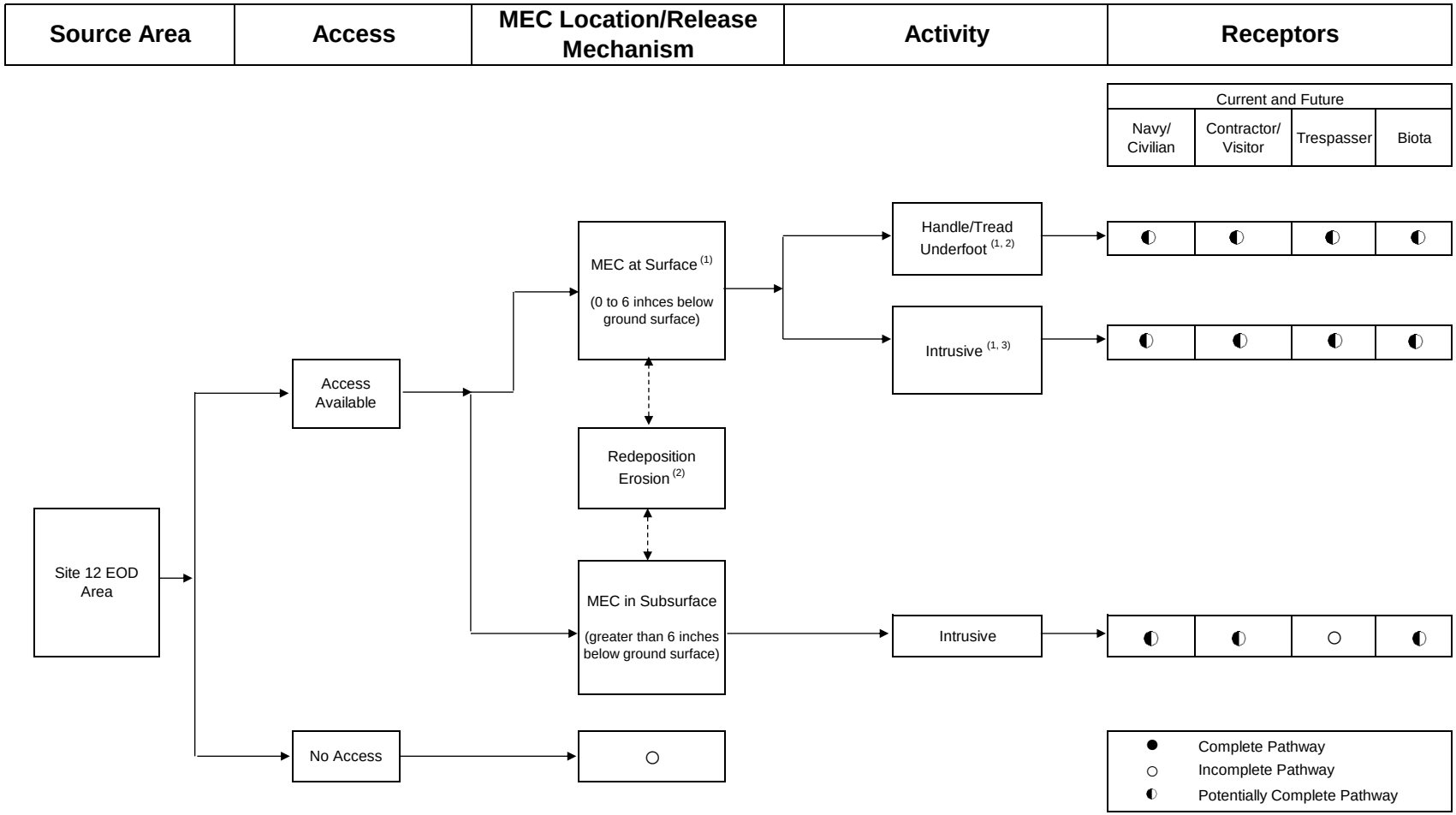
Profile Type	Information Needs	PRELIMINARY ASSESSMENT/TIME CRITICAL REMOVAL ACTION Findings
Land Use and Exposure Profile	Current Land Use	The site is closed and inactive.
	Current Human Receptors	Potential receptors include Navy and civilian personnel, contractors/visitors, and trespassers.
	Current Activities	The site is closed and not in use.
	Potential Future Land Use	According to the BRAC office, potential future land use is anticipated as the Brunswick Naval Air Station (BNAS) Conservation District (Natural Area).
	Potential Future Human Receptors	According to the BRAC office, potential future human receptors may include personnel/visitors to the Marine Corp Armed Forces Reserve Center as well as the general public.
	Potential Future Land Use Related Activities	According to the BRAC office, potential future land use related activities for the BNAS Conservation District (Natural Area) will include light recreational activities (walking, hiking, bird watching).
	Zoning/Land Use Restrictions	Land use restrictions for excavation and groundwater use have been voluntarily enacted by the Base and were in place as specified in the NAS Brunswick Base Instruction (2008b) until May 30, 2011. For Site 12, the Navy is currently planning to install a site fence during the Summer of 2012 to control site access until a final remedy is chosen for Site 12.
	Demographics/ Zoning	Cumberland County population density is 50,000 persons per square mile.
	Beneficial Resources	There are no beneficial resources on the Site 12 EOD Area.
Ecological Profile	Habitat Type	The site is a tall grass field with a small creek along the eastern side. Maple and pine forest surround the area. There is a pond located on site.
	Degree of Disturbance	Low- the site is currently unused. The habitat and species present are, and will likely be, undisturbed.
	Ecological Receptors and Species of Special Concern	Potential ecological receptors include mice, shrews, voles, rabbits, fox, squirrels, deer, hawks, and occasionally moose. NAS Brunswick also attracts a wide variety of avian species, including owls, woodpeckers, and numerous passerine and falconiform species. No species of special concern are known to inhabit the site.

TABLE 10-1

CONCEPTUAL SITE MODEL INFORMATION PROFILES
SITE 12 EOD AREA
NAVAL AIR STATION BRUNSWICK
BRUNSWICK, MAINE

Profile Type	Information Needs	PRELIMINARY ASSESSMENT/TIME CRITICAL REMOVAL ACTION Findings
	Relationship of MEC/MC Sources to Habitat and Potential Receptors	The ground surface of Site 12 EOD Area was cleared of munitions-related items over all accessible areas during the TCRA. Human and ecological receptors may come into direct contact with MEC/MC in subsurface soil, currently or over time as subsurface munitions-related items may through erosional processes migrate to the surface. Receptors may come into contact with MC that have been incorporated into the food chain (bioaccumulated in plants and animals) (e.g., deer that inhabit the area may come into contact with MC while foraging by consuming plants that have incorporated MC). Ecological receptors could also come into contact with potential MC in the subsurface while digging for food or constructing burrows.

FIGURE 10-1
MEC EXPOSURE PATHWAY ANALYSIS
SITE 12 EOD AREA
NAVAL AIR STATION BRUNSWICK
BRUNSWICK, MAINE



1 Munitions items were encountered and removed from the ground surface during the TCRA, except in the pond, where investigation did not occur.
2 The current and historical berm remains an attractive nuisance such that disturbance is likely, resulting in the potential for MEC/MPPEH to be brought to the surface via erosion.
3 Planned land use controls prohibit intrusive activities and include Navy planned fence installation during the Summer of 2012 to control site access until a final remedy is chosen for Site 12.

11.0 REQUESTS TO CANCEL EXCLUSION ZONE OR OTHER APPROVALS

There is no request to cancel the EZ established in the ESS. Additional response actions will take place in the future to address the remaining subsurface MEC issues and possible MC issues. The approved ESS should be maintained at this time for future use.

12.0 REFERENCES

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APPENDIX A

FIELD ACTIVITY LOGS

A.1 WORK PLAN SIGNATURE FORM

A.2 DAILY ACTIVITY LOGS

A.3 VISITOR LOGS

A.4 DIG SAFE PERMITS - UTILITY CLEARANCE

A.5 TYPE 2 MAGAZINE ELECTRICAL REPORT

A.6 FIELD CHANGE REQUEST FORMS

A.1 WORK PLAN SIGNATURE FORM

WORK PLAN AKNOWLEDGEMENT

I have read and understand the work plan

6-8-10	FRANK MONTES	Frank Montes
6-8-10	Matthew Norman Piper	[illegible]
6/8/10	MARK SOHA	[illegible]
6-8-10	ED ALDER	[illegible]
6/8/10	GLEN CHILDERS	[illegible]
6-8-10	FRANK LONEY	Frank R Loney
6-8-10	ALFRED (TORY) SMITH	AES
6-8-10	[illegible]	Jeff Fournier
6/8/10	[illegible]	Syd Rodgers
7/7/10	[illegible]	Jacob A. Clement

TETRA TECH

MRP FF.1

SAP Worksheet #4 (Field Personnel)

Project Personnel Sign-off Sheet

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry + Site 12

Date	Organization/Role	Name	Signature
9/19/11	Tetra Tech/SUXOS	[illegible]	Syd Rodgers
9/19/2011	Tetra Tech/UXOQCS	Peter Dammitt	[illegible]
9	Tetra Tech/UXOSO (if different than UXOQCS)		
9-19-2011	Tetra Tech/Technician	[illegible]	[illegible]
9-19-2011	Tetra Tech/ Technician	Shawn Woods	[illegible]
9-19-2011	Tetra Tech/ Technician	Norm Piper	[illegible]
9-19-201	Tetra Tech/ Technician	Nick Brantley	[illegible]
9-19-201	Tetra Tech/ Technician	James Carter	[illegible]
	Tetra Tech/ Technician		
	Tetra Tech/ Technician		
	Tetra Tech/ Technician		
	Site Geophysicist		
	Staff Geophysicist		
	Staff Geophysicist		
	Staff Geophysicist		

I have read and understood the SAP relative to assigned roles, per SAP Worksheet No. 3.

A.2 DAILY ACTIVITY LOGS

TETRA TECH NUS, INC.

MEC FIELD ACTIVITY DAILY LOG

DATE	5/27/10
SHEET 1 OF 2	

FACILITY NAME: NAS Brunswick **SITE(s)**: Receive magazines, ground magazines	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1401

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED

Mobilization/Set Preparation: Syd Rodgers and Mike Flory Mobilized on 5-26-10

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: N/A

Surface/Subsurface Clearance: N/A

Data Processing and Interpretation: N/A

Disposal of MEC: N/A

Staging of Non-MEC/MPPEH: N/A

Demobilization: N/A

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED:
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION N/A

DATE	5/27/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

Syd Rodgers Mike Flory Mobilized to NAS Brunswick, ME (5/26/10)

Rough terrain fork lift was delivered to ammo storage area

Received 2ea type #2 magazines for storing explosives at NAS Brunswick

Mike Flory (Pittsburgh Office) arrived to assist with set-up and conduct grounding procedures on magazines

IMPORTANT PHONE CALLS/DECISIONS: N/A

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: warm and sunny

VISITORS ON SITE: N/A

PERSONNEL ON SITE: Syd Rodgers, Mike Flory

SIGNATURE:

DATE: 5/27/10

TETRA TECH NUS, INC.

MEC FIELD ACTIVITY DAILY LOG

DATE	5/28/10
SHEET 1 OF 2	

FACILITY NAME: NAS Brunswick **SITE(s)**: Site prep and meetings with NAS POC	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1401

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED

Mobilization/Set Preparation: N/A

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: N/A

Surface/Subsurface Clearance: N/A

Data Processing and Interpretation: N/A

Disposal of MEC: N/A

Staging of Non-MEC/MPPEH: N/A

Demobilization: N/A

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED:
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION N/A

DATE	5/28/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

Notified Rental company to terminate rental of Rough terrain fork lift. (Magazines are in position)

Mike Flory departed for hotel to write up report on grounding activities

I made a site visit to all sites for this contract and had meetings with Mike Fagan (Environmental POC for this project) Mr. Fagan joined me for the site visits

IMPORTANT PHONE CALLS/DECISIONS: N/A

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: warm and sunny

VISITORS ON SITE: Mike Fagan

PERSONNEL ON SITE: Syd Rodgers, Mike Flory

SIGNATURE:

DATE: 5/27/10

TETRA TECH NUS, INC.

MEC FIELD ACTIVITY DAILY LOG

DATE	5/31/10
SHEET 1 OF 2	

FACILITY NAME: NAS Brunswick **SITE(s)**: Site Prep	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1401

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED

Mobilization/Set Preparation: N/A

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: N/A

Surface/Subsurface Clearance: N/A

Data Processing and Interpretation: N/A

Disposal of MEC: N/A

Staging of Non-MEC/MPPEH: N/A

Demobilization: Mike Flory Demobilized 5/29/10

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED:
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION N/A

DATE	5/31/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

Mike Flory De mobbed 5/29/10

IMPORTANT PHONE CALLS/DECISIONS: N/A

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: warm and sunny

VISITORS ON SITE: None

PERSONNEL ON SITE: Syd Rodgers

SIGNATURE:

DATE: 5/31/10

TETRA TECH NUS, INC.

MEC FIELD ACTIVITY DAILY LOG

DATE	6/3/10
SHEET 1 OF 2	

FACILITY NAME: NAS Brunswick **SITE(s)**: Site Prep	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1401

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED

Mobilization/Set Preparation: N/A

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: N/A

Surface/Subsurface Clearance: N/A

Data Processing and Interpretation: N/A

Disposal of MEC: N/A

Staging of Non-MEC/MPPEH: N/A

Demobilization: N/A

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED:
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION N/A

DATE	6/3/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

Preparation for magazine inspection by the State of Maine Fire Marshal.

IMPORTANT PHONE CALLS/DECISIONS: N/A

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: warm and sunny

VISITORS ON SITE: None

PERSONNEL ON SITE: Syd Rodgers

SIGNATURE:

DATE: 6/3/10

TETRA TECH NUS, INC.

MEC FIELD ACTIVITY DAILY LOG

DATE	6/4/10
SHEET 1 OF 2	

FACILITY NAME: NAS Brunswick **SITE(s)**: Site Prep	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1401

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED

Mobilization/Set Preparation: N/A

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: N/A

Surface/Subsurface Clearance: N/A

Data Processing and Interpretation: N/A

Disposal of MEC: N/A

Staging of Non-MEC/MPPEH: N/A

Demobilization: N/A

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED:
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION N/A

DATE	6/4/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

I was notified at approximately 0900 that the prearranged inspection of our magazines by the State of Maine Fire Marshall would not take place. Mr. Chris Stanford (Fire Marshall's office) informed me that his supervisor had instructed him not to do the inspection because the NAS was not within their jurisdiction.

At approximately 15:30 hrs I received a call from Ralph Brooks, (Tetra Tech UXO Manager) that Mr. Mike Fagan (NAS Brunswick Environmental Office) and the Explosive Safety Officer (Mr. Brian Hall) for NAS Brunswick had conducted a site visit and an inspection of our magazines, which resulted in questions and identification of discrepancies. Until resolution to the full satisfaction of all involved, explosives storage in the magazine would be deferred.

IMPORTANT PHONE CALLS/DECISIONS:

Agreement on deferral of Type 2 magazine usage until resolution of all questions/discrepancies to the satisfaction of NAS Brunswick Base Point of Contact and Explosive Safety Officer, NOSSA, and Tetra Tech.

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: warm and sunny

VISITORS ON SITE: None

PERSONNEL ON SITE: Syd Rodgers

SIGNATURE: Syd Rodgers

DATE: 6/4/10

TETRA TECH NUS, INC.

MEC FIELD ACTIVITY DAILY LOG

DATE	6/7/10
SHEET 1 OF 2	

FACILITY NAME: NAS Brunswick **SITE(s)**: Mobilization, Magazine area	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1401

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED

Mobilization/Set Preparation: Syd Rodgers, Glen Childers, and Jeff Fournier mobilized 6/6/10. Remained of the team is mobilizing today

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: N/A

Surface/Subsurface Clearance: N/A

Data Processing and Interpretation: N/A

Disposal of MEC: N/A

Staging of Non-MEC/MPPEH: N/A

Demobilization: N/A

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED:
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION N/A

DATE	6/7/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Syd Rodgers, Glen Childers, and Jeff Fournier are on-site. Jeff contacted me from NAS Brunswick to let me know that he received his badge and pass and is headed to the hotel to meet. Inform him of the progress on the magazines. We will discuss the issue further and contact Mike Fagan to resolve questions and discrepancies.

Discussed the magazines and contacted Mike Fagan to set up a meeting with Mike and Brion Hall at NAS Brunswick. Brion Hall is the Explosive Safety Officer on the Base and is the individual who, during a site visit of the magazines, identified the questions and discrepancies. Jeff will meet with Mike and Brion at 1130 to clarify the path forward.

The result of the meeting is that the grounding for the magazines needs additional work to be in compliance with OP5. An electrician will need to be contacted to replace the grounding straps and connections to the magazines with 1/O wire and the appropriate connector, and additional grounding material will need to be used besides the grounding rods that were driven in place earlier. A 3 point fall of potential test will need to be performed in accordance with OP5 and an ohm reading of 25 ohms or less must be achieved. NAS Brunswick has a large amount of bedrock ledge at shallow depths throughout the magazine area which effects the conductivity and makes the 25 ohms or less very difficult to achieve. Most of the existing magazines required grounding grids and other means of grounding to achieve the required standards.

Enterprise Electric Inc. was contacted and Jim Kelly (owner) met us at the magazine area to evaluate the situation and decide on a path forward. Jim believes that a grounding grid is buried behind the small pad that should comply with the grounding requirements if it can be located. A grounding system will have to be built for the other magazine. Jeff and I will look for the grounding grid tomorrow. Jim is available first thing Wednesday morning and believes that if the grid is located we should have at least one good magazine to receive explosives on Wednesday.

To date the magazine issue has not impacted the project schedule since unrelated tasks can proceed and the field team has not yet arrived on site.

IMPORTANT PHONE CALLS/DECISIONS: Ralph Brooks, Mike Fagan, Brian Hall were notified what needed to be done.

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: warm and sunny

VISITORS ON SITE: Jim Kelley

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Jeff Fournier

SIGNATURE: Syd Rodgers

DATE: 6/7/10

TETRA TECH NUS, INC.

MEC FIELD ACTIVITY DAILY LOG

DATE	6/8/10
SHEET 1 OF 2	

FACILITY NAME: NAS Brunswick **SITE(s)**: Magazine storage area, FMBW Installation of IVS; Hotel Meeting Room	**PROJECT NO**: 112G02063; 112 Site Specific-OH **TASK CODES**: 0000.1403; 20.01

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED

Mobilization/Set Preparation: 8 Hr Refresher Completed; Grounding grid for donor charge magazine at Magazine 281 area located.

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: Work Plan Review, Site Safety Plan

Detector Aided Surface Surveys: N/A

Surface/Subsurface Clearance: N/A

Data Processing and Interpretation: N/A

Disposal of MEC: N/A

Staging of Non-MEC/MPPEH: N/A

Demobilization: N/A

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED:
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION N/A

DATE	6/8/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: All Personnel assembled at the Parkwood Inn in Brunswick Maine for Site specific training prior to starting the actual UXO operations. Mr. Pete Dummitt mobilized in yesterday to conduct 8 Hour refresher training. After a quick getting to know you from all personnel Syd Rodgers (SUXOS) gave a brief overview of the project and what was expected of everyone while we are here. Copies of the work plan and the Health and Safety plan were handed out for all to read and sign. After going over the work plan Syd Rodgers and Jeff Fournier left the briefing room and headed to the former magazine area on the Base to locate the grounding grid for one of our Type #2 magazines. We found it fairly quickly and exposed approximately 8-10 feet of the wire so the electrician that arrives tomorrow will be able to hook on to it and hopefully give us the ground we are looking for. If this works we will be able to receive our explosive shipment when it arrives.

In the afternoon the crew was escorted to the pass and ID section at the Base to get their badges and vehicle passes, with this complete the crew returned to the hotel and continued to read the work plans.

Fire extinguishers were delivered today 2ea 20 lbs, 2ea 5 lbs

IMPORTANT PHONE CALLS/DECISIONS: Contacted Mike Fagan to discuss a location to store our tools and equipment. Mr. Fagan suggested one of the empty magazines. He said he should be able to provide a key tomorrow

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: warm and sunny

VISITORS ON SITE: Jim Kelly (Enterprise Electric)

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Mark Soha, Frank Montes, Ed Alder, Frank Loney, Norm Piper, Alfred Smith, Pete Dummitt, Jeff Fournier

SIGNATURE: Syd Rodgers

DATE: 6/8/10

TETRA TECH NUS, INC.

MEC FIELD ACTIVITY DAILY LOG

DATE	6/9/10
SHEET 1 OF 2	

FACILITY NAME: NAS Brunswick **SITE(s)**: Site 12 Preparation, Magazine storage area, Installation of IVS	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1403

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED

Mobilization/Set Preparation/ N/A

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: Received paper copy of Dig Safe for IVS

Detector Aided Surface Surveys: N/A

Surface/Subsurface Clearance: N/A

Data Processing and Interpretation: It appears that the coordinates loaded into the GPS were not the Maine Coordinates and the GPS is 300 miles off. The corrected data will be emailed this evening to up load.

Disposal of MEC: N/A

Staging of Non-MEC/MPPEH: N/A

Demobilization: N/A

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED:
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION N/A

DATE	6/9/10
SHEET 2	OF 2

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: We obtained an empty magazine close to site 12 to store our tools and equipment. Mr. Mike Fagan has a key to our lock and we have the remaining keys.

Both Type #2 magazines have met all requirements, Mr. Jim Kelley installer and owner will be sending a formal letter on his letter head to verify his findings.

Grass has been cut for approximately 50 feet around both magazines, to satisfy the explosive safety officer's requirements at Brunswick NAS.

Tools and equipment from the rental company have been picked up and staged at site 12

Explosives have been delivered, inventoried and stored in our magazines with the proper marking symbles.

The IVS has been partially set up. The holes dug, seeds planted, pictures taken, The seeds will be buried and GPS'd tomorrow

IMPORTANT PHONE CALLS/DECISIONS: Contacted Mike Fagan to discuss a location to store our tools and equipment. Mr Fagan suggested one of the empty magazines. He said he should be able to provide a key tomorrow

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: warm and sunny

VISITORS ON SITE: Jim Kelly (Enterprise Electric)

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Mark Soha, Frank Montes, Ed Alder, Frank Loney, Norm Piper, Alfred Smith, Pete Dummitt, Jeff Fournier

SIGNATURE:

DATE: 6/9/10

TETRA TECH NUS, INC.

MEC FIELD ACTIVITY DAILY LOG

DATE	6/10/10
SHEET 1 OF 2	

FACILITY NAME: NAS Brunswick **SITE(s)**: Site 12 Preparation, FMBW installation of IVS	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1403

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED

Mobilization/Set Preparation: Brush cutting at Site 12

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: IVS installation

Detector Aided Surface Surveys: N/A

Surface/Subsurface Clearance: N/A

Data Processing and Interpretation: One known point has been found and logged with the hand held Trimble GPS

Disposal of MEC: N/A

Staging of Non-MEC/MPPEH: N/A

Demobilization: N/A

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED:
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION N/A

DATE	6/10/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

The IVS installation completed today, and all points were logged with the GPS.

As stated above one known point has been found and we have an appointment with Mr. Mike Fagan to locate another one by the new Tower tomorrow morning.

We did extensive grass cutting today with tractor towed brush hog, and weed wacker.

An alternate IVS has been laid out inside of Site 12, the points have been logged with the GPS, just waiting for the Dig Safe to be completed before we plant the seeds.

A Port-a-John was ordered today and will be delivered tomorrow

The Tractor w/ brush hog was taken out of service late this afternoon and will be returned to Taylor Rentals for repair tomorrow morning. (The bolts that hold the motor on top of the cutting deck came loose and may have to be cut off and replaced. I was informed the repairs should take only 11/2 – 2 hours then the tractor will be put back into service.

IMPORTANT PHONE CALLS/DECISIONS: None

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: Cloudy with rain all day

VISITORS ON SITE: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Mark Soha, Frank Montes, Ed Alder, Frank Loney, Norm Piper, Alfred Smith, Jeff Fournier

SIGNATURE: Syd Rodgers

DATE: 6/10/10

TETRA TECH NUS, INC.

MEC FIELD ACTIVITY DAILY LOG

DATE	6/11/10
SHEET 1 OF 2	

FACILITY NAME: NAS Brunswick **SITE(s)**: Site 12 Preparation	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1403

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED

Mobilization/Set Preparation: Brush cutting at Site 12 EOD; Mark boundary at Site 12 EOD

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: N/A

Surface/Subsurface Clearance: N/A

Data Processing and Interpretation: One known point has been found and logged with the hand held Trimble GPS for reference purposes.

Disposal of MEC: N/A

Staging of Non-MEC/MPPEH: N/A

Demobilization: N/A

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED:
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION N/A

DATE	6/11/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

Transported Tractor W/ Brush hog to rental company for repairs, while it was in the shop we continued to cut using the weed whacker. When the tractor returned we resumed cutting with this also.

Went into Brunswick to purchase materials to build road barriers, materials to line the bed of the P/U with wood, and to construct framework for the day box to prevent it from sliding around while carrying energetic materials.

Had 4 extra keys made to the locks on the access gates to cut down wasted man hours letting people in and out. With the extra keys that gives us a total of 7 keys, each driver has a key and the remaining key went to Mr. Mike Fagan our POC. Each gate is double locked (our lock into the Base padlock). This gives us free access to come and go as needed. We still maintain site security.

Took delivery of a Port-a-John.

Using what flags we had we placed them approximately 100 feet apart at Site 12 to mark the perimeter for the Dig Safe. Tomorrow they will be white flags. The FMBW boundary has not been completed at this time.

Jeff Fournier provided me with enlarged color maps of Site 12 with the grid system superimposed on them which will be a big help when we start putting stakes in the ground and the actual sweep.

Received a map of monitoring wells in our area with coordinates to use for known points.

Jeff Fournier, responsible for project kickoff, will leave the site tomorrow.

IMPORTANT PHONE CALLS/DECISIONS: None

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: Sunny and partly cloudy, Temp 70's

VISITORS ON SITE: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Mark Soha, Frank Montes, Ed Alder, Frank Loney, Norm Piper, Alfred Smith, Jeff Fournier

SIGNATURE: Syd Rodgers

DATE: 6/11/10

TETRA TECH NUS, INC.

MEC FIELD ACTIVITY DAILY LOG

DATE	6/12/10
SHEET 1 OF 2	

FACILITY NAME: NAS Brunswick **SITE(s)**: Site 12 Preparation	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1403

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED

Mobilization/Set Preparation: Brush cutting at FMBW; Barricaded construction for site security

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: N/A

Surface/Subsurface Clearance: N/A

Data Processing and Interpretation: Disposal of MEC: N/A

Staging of Non-MEC/MPPEH: N/A

Demobilization: N/A

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED:
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION N/A

DATE	6/12/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

At approximately 08:00hrs I took one Tech with me to my quarters (needed electricity) to construct the road barriers and line the P/U with wood.

At approximately 09:30 was notified by Frank Montes, the Team Leader at FMBW that the tractor was stuck in the mud and buried to the frame and could not get it out. I sent the Safety Officer to that location to access the situation.

The Safety Officer confirmed that the tractor was stuck in a bad way and would stay while the attempt was made to get it out.

I informed the Safety Officer I would come to his location as soon as I got the barriers completed.

At approximately 12:30 hrs I arrived at his location and the first thing I had them do was to unhook the cutting deck that was acting as a plow. That helped some but the tractor still would not come out of the holes it had dug itself into. After numerous attempts at digging out in front of the tires and inching forward inches at a time using the bucket, The tractor finally at approximately 14:00 hours was able to gain enough traction to climb out of the holes. The crew using a chain pulled the cutting deck to high ground, reattached the cutting deck to the tractor and transported the tractor back to Site 12. The tractor was inspected for any damage during end of day checks and none was found. I think part of the problem with this unit is it has turf tires on it. If this unit had normal tractor tires the traction would be much better. A special effort will be made to keep this unit on solid ground.

IMPORTANT PHONE CALLS/DECISIONS: None

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: Cloudy with showers, High 69F

VISITORS ON SITE: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Mark Soha, Frank Montes, Ed Alder, Frank Loney, Norm Piper, Alfred Smith,

SIGNATURE: Syd Rodgers

DATE: 6/12/10

TETRA TECH NUS, INC.

MEC FIELD ACTIVITY DAILY LOG

DATE	6/13/10
SHEET 1 OF 2	

FACILITY NAME: NAS Brunswick **SITE(s)**: Site 12 Preparation	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1403

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED

Mobilization/Set Preparation: N/A

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: N/A

Surface/Subsurface Clearance: N/A

Data Processing and Interpretation: Disposal of MEC: N/A

Staging of Non-MEC/MPPEH: N/A

Demobilization: N/A

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED:
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION N/A

DATE	6/13/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

(Late entry) Yesterday 6/12/10 I picked up another weed eater from Taylor Rentals. Jeff Fournier informed me that it was all taken care of with the Purchasing Manager and to just put it on the existing Purchase Order.

Today we devoted all our time to Site 12 preparations, The grass and brush cutting continued with all our equipment.

Frank Montes (Team leader) and one person spent the day putting stakes in to mark the 100 foot grids. I was informed he was able to get in 1/3 of the stakes needed and should finish by tomorrow.

I will try and purchase two more tri blades for the weed eaters tomorrow; the store that might have them was closed today.

IMPORTANT PHONE CALLS/DECISIONS: None

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: Cloudy in the 70"s

VISITORS ON SITE: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Mark Soha, Frank Montes, Ed Alder, Frank Loney, Norm Piper, Alfred Smith,

SIGNATURE:

DATE: 6/13/10

TETRA TECH NUS, INC.

MEC FIELD ACTIVITY DAILY LOG

DATE	6/14/10
SHEET 1 OF 2	

FACILITY NAME: NAS Brunswick **SITE(s)**: Site 12 Preparation	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1403

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED

Mobilization/Set Preparation: Site setup at Site 12 and FMBW

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: N/A

Surface/Subsurface Clearance: N/A

Data Processing and Interpretation: N/A

Disposal of MEC: N/A

Staging of Non-MEC/MPPEH: N/A

Demobilization: N/A

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED:
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION N/A

DATE	6/14/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

The main push today was to finish gridding Site 12, and transmit the data to Pittsburgh, PA to be reviewed.

Approximately 11:30 Site 12 was completed, all grids are in, and after a field review of the data collected on the GPS we noticed that the grids were not all 100 foot grids as required by the Work Plan. Ralph Brooks (UXO Manager) was notified. Ralph Brooks stated that the grid corners should be installed as provided by Pittsburgh and the fact that they are not all 100 foot square grids documented in the Daily Report.

At 12:30 hrs Frank Montes(team leader) plus 1 person continued with the dig safe boundaries at FMBW

At approximately 14:00 hrs I was notified that the GPS data had been successfully sent.

Frank Montes called late in the afternoon to inform me he was not able to obtain GPS data in the dense vegetation at FMBW and requested me to come to his location for guidance. After his explanation, I called Ralph Brooks (UXO Manager) and requested a deviation of about 50-100 feet from the map drawings. Mr. Brooks granted the deviation. We will resume dig safe boundaries at FMBW tomorrow. This will allow the dig safe permit work to be completed. The actual boundary covered during the brush cutting, transect surveys and other field work will be as identified in the Work Plan.

At Site 12 there are some wet lands in the middle of the range that we are unsure whether or not to cut. I contacted Public Works and they were unsure also. Mr. Mike Fagan (our POC) was off today so I will contact him tomorrow for guidance.

IMPORTANT PHONE CALLS/DECISIONS: Ralph Brooks; authorization to mark the boundary at FMBW for the dig safe permit outside the boundary identified in the Work Plan, granted; deviation to establish the grids as identified by the GPS, granted. NASB Public Works; guidance on cutting brush in potential wet lands area at Site 12, pending.

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: Cloudy, 70F, 5-10 mph winds

VISITORS ON SITE: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Mark Soha, Frank Montes, Ed Alder, Frank Loney, Norm Piper, Alfred Smith,

SIGNATURE: Syd Rodgers

DATE: 6/14/10

TETRA TECH NUS, INC.

MEC FIELD ACTIVITY DAILY LOG

DATE	6/15/10
SHEET 1 OF 3	

FACILITY NAME: NAS Brunswick **SITE(s)**: Site 12 Preparation, FMBW Area	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1403 0000.1402

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED

Mobilization/Set Preparation: Site setup at Site 12 and FMBW

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: N/A

Surface/Subsurface Clearance: N/A

Data Processing and Interpretation:

Disposal of MEC: MEC reported to NASB, Navy RPM, UXO PM, Tetra Tech PM, and NOSSA (NASB Explosives Safety Officer then reported to Newport EOD)

Staging of Non-MEC/MPPEH: N/A

Demobilization: N/A

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED:
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION

500 Pound, MK 82 bomb with fuze located in Grid G-2 at Site 12	**N378342.28** **E3016880.05**

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

Frank Montes plus 1 person initially departed for FMBW to finish laying boundaries for the dig safe inspection, while the rest of the crew continued with brush cutting activities at Site 12.

The locksmith for NASB came to Site 12 to gain access to the EOD safety bunker, he opened the bunker and replaced the locking mechanism and gave the SUXOS a key to the new lock. The locksmith came to our location to verify the contents of this building as part of the base closure process and not at our request. The key was given to the SUXOS in case we needed the building during our operations and requested we turn the key into Mr. Mike Fagan when Site 12 is finished.

I had a meeting with Mike Fagan for guidance cutting in the wet lands, he said do not cut the reeds in the wet lands. Mr. Ralph Brooks (UXO Manager) notified of Mr. Fagan's decision.

At approximately 13:00 hrs I was notified by Mark Soha (Tech III) in charge of the brush cutting activities that they had located an item they wanted us to look at. When we arrived Mark showed us what turned out to be a MK 82, 500 pound, bomb, with a possible fuze in the base. The identification markings on the rear of the fuze indicated a MK31 Mod 1. The bomb is 61 inches long and 10 inches in diameter. Pictures were taken and were transmitted to Mr. Brooks. With identification made the crew retreated to a safer area and I called Mr. Ralph Brooks (UXO Manager) to inform him of our find. Notifications made, I set out to notify NASB Personnel. I briefed Mr. Fagan and the Public Works Director, of our findings. Shortly after my briefing to Public Works and Mr. Fagan I had requests from various NASB personnel (see Visitors on Site below) to view the find. When the visitors arrived they were met by Glen Childers (Tetra Tech NUS, Safety Officer) for their visitor brief. With the brief complete I escorted the visitors to where the bomb was found. During the viewing, the decision was made by the NASB Explosive Safety Officer, and the Station XO to call in Navy EOD to dispose of this item.

I was notified late in the afternoon that Navy EOD would arrive tomorrow and that no one should be allowed on Site 12 until they arrive and address the item. Mr. Brooks was notified of this decision. The crew will work at FMBW until the Navy performs their procedures.

A dig safe visit was performed today on Site 12 and the FMBW. At Site 12 there were no utilities on his map to be concerned with-, at FMBW he indicated that if we stayed 10 feet or more off Ordnance Road we should be fine. His map shows no utilities in this area. His maps do not show any Military utilities that might be in this area.

IMPORTANT PHONE CALLS/DECISIONS:

1. Called Ralph Brooks to notify him of 500 pound bomb at Site 12; Notified Mike Fagan of 500 pound bomb at Site 12; Ralph Brooks Notified NOSSA and Tetra Tech PM and Tetra Tech PM notified Navy RPM.

2. Navy provided direction, via Jeff Orient to Linda Klink of Tetra Tech, to NOT conduct vegetation management within wetlands areas.

FIELD TASK MODIFICATIONS: A field task modification form will be generated to document the Navy's direction NOT to conduct vegetation management within wetlands areas (i.e., reed areas).

WEATHER CONDITIONS: Sunny, 70F, 5-10 mph winds

DATE	6/15/10
SHEET 3 OF 3	

TETRA TECH NUS, INC.

VISITORS ON SITE: James Belknap, PW lock shop; A Jandreau, On Target (Dig Safe inspector); Joseph Roberts, NASB Safety; John Gary, NASB Security; Ron Tuttle, NASB XO; Brian Hall, NASB ESO; Michael Fagan, NASB Environmental; John Ripley, NASB RSO

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Mark Soha, Frank Montes, Ed Alder, Frank Loney, Norm Piper, Alfred Smith,

SIGNATURE:

DATE: 6/15/10

TETRA TECH NUS, INC.

MEC FIELD ACTIVITY DAILY LOG

DATE	6/16/10
SHEET 1 OF 2	

FACILITY NAME: NAS Brunswick **SITE(s)**: Site 12 Preparation	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1403

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED

Mobilization/Set Preparation: Site setup at Site 12

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: N/A

Surface/Subsurface Clearance: N/A

Data Processing and Interpretation: N/A

Disposal of MEC: EOD arrived on site and took custody of MK82

Staging of Non-MEC/MPPEH: N/A

Demobilization: N/A

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED:
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION

DATE	6/16/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

I had all personnel assemble at the gate to the weapons area for the daily safety briefing and to bring the crew up to speed with our status at this time. As of 17:10 last evening Navy EOD had been requested to respond from Newport Beach, RI and would arrive on scene at approximately 11:00 hrs today to assume responsibility for the item found 6/15/10. Navy EOD instructed the ESO, NAS Brunswick that no personnel should be allowed into the compound until they arrived. I requested from Brian Hall (ESO) that we be allowed into the area to collect our tools and equipment that had been scheduled for maintenance. His response was that he would ask EOD that question when they arrived.

After discussions with Mr. Ralph Brooks (UXO Manager) Tetra Tech NUS, I sent the crew home at 10:00 hrs. Syd Rodgers (SUXOS), Glen Childers (Site Safety Officer), plus 1ea Tech 1 stayed on site to render assistance to EOD if requested and move tools and equipment if allowed.

When EOD arrived at 12:00 hrs we were granted permission to gather our tools and equipment and leave.

At 13:00 hrs after our rental equipment was turned into Taylor Rentals for maintenance, I released the remainder of the crew, we will resume our normal operations on Monday 6/21/10

I set up appointments and notified three personnel to take annual physicals on 6/17/10 which will allow us to maintain production levels on Monday when we resume operations.

IMPORTANT PHONE CALLS/DECISIONS:

Made arrangements for three people to take annual physicals while on our 4 day break

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: Sunny, 70F, 5-10 mph winds

VISITORS ON SITE: New Port EOD

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Mark Soha, Frank Montes, Ed Alder, Frank Loney, Norm Piper, Alfred Smith,

SIGNATURE: Syd Rodgers

DATE: 6/16/10

TETRA TECH NUS, INC.

MEC FIELD ACTIVITY DAILY LOG

DATE	6/21/10
SHEET 1 OF 2	

FACILITY NAME: NAS Brunswick **SITE(s)**: Site 12 Preparation	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1403

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED

Mobilization/Set Preparation: Site setup at Site 12

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: N/A

Surface/Subsurface Clearance: Completed Grids L2, L3 and started on Grid L4

Data Processing and Interpretation: N/A

Disposal of MEC: N/A

Staging of Non-MEC/MPPEH: N/A

Demobilization: N/A

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED: MEC encountered in Grid L2, Item # S12-L2-02
N378752.83
E3016961.35

LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION

DATE	6/21/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

06:00 SUXOS met with two personnel that will be conducting a NAVEODTECHDIV QA inspection of this Site, I escorted them to the Site so they could observe our daily safety briefing. We were informed that Mr. Douglas is Tech III qualified and will be the escort for Mr. Burr, who is not UXO qualified. Mr. Douglas gave us a briefing of why they are here and what documents they will require. They attended my daily operational meeting with the team leader and crew outlining the objectives of the day.

Today we will have two operations going on at the same time, continue with the brush cutting effort and start the actual surface sweep starting in Grid L2. We will be moving from the outside edge to the middle of the range.

I was informed that Mr. Alder (Tech II) will be leaving the Site tomorrow due to a family emergency, leaving us one man short to complete this project.

Approximately 09:30, The Safety Officer and I were called to Grid L2, to evaluate an item found by one of the sweepers. After our inspection of the item I determined the item not safe to move. Pictures were taken, GPS coordinates logged.

At 10:25 hrs I notified Mr. Ralph Brooks (UXO Manager) and Mike Fagan our POC at NASB we had found an item that would require demolition procedures and requested the 24 hr notification be started.

15:30 Cutting Deck on the tractor broke at the universal joint. Transported tractor to Rental Vendor for repairs. Had Tractor back with/in 11/2 hours and resumed cutting.

Secured for the day at 17:00hrs

IMPORTANT PHONE CALLS/DECISIONS: Called Mr. Mike Fagan to notify him that we found UXO in Grid L2

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: Sunny, 86F, winds 5-10mph

VISITORS ON SITE: N/A

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Mark Soha, Frank Montes, Ed Alder, Frank Loney, Norm Piper, Alfred Smith, Jeff Fournier, Thomas Douglas, Arnold "Pope" Burr

SIGNATURE:

DATE: 6/21/10

TETRA TECH NUS, INC.

MEC FIELD ACTIVITY DAILY LOG

DATE	6/22/10
SHEET 1 OF 2	

FACILITY NAME: NAS Brunswick **SITE(s)**: Site 12 Preparation	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1403

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED

Mobilization/Set Preparation: Site setup at Site 12

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: N/A

Surface/Subsurface Clearance: N/A

Data Processing and Interpretation: N/A

Disposal of MEC: Demolition procedures were conducted today on two items, both items were unsuccessful

Staging of Non-MEC/MPPEH: One item of MEC was transported to the MEC Magazine for later treatment

Demobilization: Ed Alder Demobilized today

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED:
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

Started my day today @ 04:00; I transported Ed Alder to the airport for his demob

When I returned to the site we started preparations for demolition operations, I appointed Mark Soha as the Demolition Supervisor, both he and I reread SOP-05 (UXO Demolition/Disposal Operations). I instructed Mark to take it slow, and review training for the new people on the Team.

Mark and I gave our Safety Briefings required by SOP-5, assigned tasks, then dismissed the crew to get started with their assignments. When it was time to mix the explosives and load the shape charges the crew assembled at the loading station and again reviewed the requirements and SOP. When the firing device was brought out an additional review of the requirements and SOP was conducted for some of the new people on the team. Each person was shown how to assemble and disassemble the device and then conducted a practice shot using a short piece of non-el. After all personnel demonstrated their competency with the explosives and the firing device, all but the priming team evacuated to the safe area while the shots were primed. The priming team consisted of the Demolition Supervisor and 1 Tech 1. At each of the two locations the Demolition Supervisor requested permission to prime which I granted. With both shots primed the demo team evacuated to the safe area to fire the shots. The Demo Supervisor directed a Tech 1 to fire each shot. Both shots detonated, the wait time was observed and the Demo Supervisor and a Tech 1 went down range to inspect each shot. The Demo Supervisor radioed back to me that both shots fired but both low ordered, plus shot #2 started a grass fire. The grass fire was unexpected considering vegetation management (grass cutting) had been conducted and the grass was wet. I immediately contacted our NASB POC (Mike Fagan) to call the Base Fire Department for assistance. While waiting for the Fire Department to arrive we expended most of our fire extinguishers trying to prevent the fire from spreading. When the Fire Department arrived they quickly put the remaining fire out with their equipment.

A field investigation was conducted by myself and the Demolition Supervisor as to the reason both shape charges low ordered. After going over the Demo Supervisor's procedures, it was speculated that maybe the low order may have been caused by the blasting cap not being pushed far enough into the explosive material, considering that when the cap detonated there was not enough energy to ignite the explosive material. Tomorrow we will prepare another demolition shot on the MK 82 bomb fuze insuring the cap is installed completely into the explosive material. If this does not correct the problem, we may need to rethink the type of explosives we are using.

After the detonations the smaller of the two shots was placed in our MEC Magazine for later disposition.

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IMPORTANT PHONE CALLS/DECISIONS: Called Mike Fagan to request fire support.

DATE	6/22/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

FIELD TASK MODIFICATIONS: N/A
WEATHER CONDITIONS: Sunny, 86F, winds 5-10mph
VISITORS ON SITE: N/A
PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Mark Soha, Frank Montes, Frank Loney, Norm Piper, Alfred Smith, Thomas Douglas, Arnold "Pope" Burr
SIGNATURE: **DATE:** 6/22/10

TETRA TECH NUS, INC.

MEC FIELD ACTIVITY DAILY LOG

DATE	6/23/10
SHEET 1 OF 2	

FACILITY NAME: NAS Brunswick **SITE(s)**: Site 12 Preparation	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1403

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED

Mobilization/Set Preparation: Site setup at Site 12

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: Grids L4 and L5 were completed today but failed the QC inspection.

Grid L4, Tetra Tech QC planted 3 seed items, the NAVTECHDIV planted 1, and the one planted by the Navy was missed.

Grid L5, Tetra Tech QC planted 3 seed items and two of them were missed. Both Grids will have to be redone.

Surface/Subsurface Clearance: N/A

Data Processing and Interpretation: N/A

Disposal of MEC: Another unsuccessful attempt was made today to penetrate the back end of the Mk 82 bomb at Site 12.

NASB will assume responsibility for the item at night until it has been treated properly.

Demobilization: N/A

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED: N/A
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION

DATE	6/23/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

Today we spent the morning and early afternoon in the surface sweep mode.

At 13:30hrs I pulled Mark Soha off the sweep line to review SOP-5,(UXO Demolition/Disposal Operations), Mark will be the Demolition Supervisor for another attempt to shoot a hole into the rear of Mk 82 bomb to verify the fuze condition before we can certify its condition.

At 14:00hrs Mark and I gave our demo safety briefings, and assigned tasks. Things progressed smoothly.

15:05 the shot detonated with a weak report. After the required wait time we approached the item to inspect the damage. The results were pretty much the same as the last demo shot. The cap and charge functioned as designed except the jet did not form to penetrate the target. A detailed search was made of the surrounding area to recover components of the set up and try to analyze the cause of the malfunction. No components were found, leading us to believe that the charge went but the jet did not form. The speculation after the last demo shot, that the low order may have been caused by the blasting cap not being pushed far enough into the explosive material, does not appear to be the cause of the unsuccessful detonation. The area was cleaned up and an e-mail was sent to NASB POC requesting NASB assume responsibility for the item until it can be treated properly.

I called Mr. Ralph Brooks, Tetra Tech (UXO Manager), to report the results of demo operations. We decided that another type of explosive charge might be more effective on this item. When we receive the new explosives we will attack this item again.

16:30 assembled the crew for a daily briefing of the day's events and to emphasize the importance of quality during sweep operations.

17:00 Secured for the day

IMPORTANT PHONE CALLS/DECISIONS: Called Mike Fagan to request security on the fuze inside the inert MK 82 bomb remaining on the range

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: Rain in the AM, 70F,and humid with winds at 5-10mph

VISITORS ON SITE: N/A

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Mark Soha, Frank Montes, Frank Loney, Norm Piper, Alfred Smith, Thomas Douglas, Arnold "Pope" Burr

SIGNATURE: Syd Rodgers

DATE: 6/23/10

TETRA TECH NUS, INC.

MEC FIELD ACTIVITY DAILY LOG

DATE	6/24/10
SHEET 1 OF 2	

FACILITY NAME: NAS Brunswick **SITE(s)**: Site 12 Preparation	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1403

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED

Mobilization/Set Preparation: Site setup at Site 12

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys:

Surface/Subsurface Clearance: N/A

Data Processing and Interpretation: N/A

Disposal of MEC: Demobilization: N/A

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED: N/A
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION

DATE	6/24/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

Mr. Thomas Douglas (QA) pulled me aside this morning to read a paragraph in the work plan, on page 2-4 pertaining to picking up Non-MEC debris. This came up because of rebar sticking out of the ground and left, in some cases the rebar is attached to large pieces of concrete and would require the use of earth moving equipment, and would disturb the ground which would be considered going intrusive. He suggested a Field Modification to the work plan to change the wording to prevent individual interpretation.

I contacted Mr. Ralph Brooks (UXO Manager) and explained Mr. Douglas' concerns, Mr. Brooks stated that this is a Mag assisted surface sweep only; as per the Work Plan and ESS, disturbing the dirt is not authorized on this phase. Mr. Brooks' guidance was that if the Non-MEC was laying on the surface by all means pick it up but if part of the item in question was below surface and had to be pulled out, then mark the item for removal at a later date (beyond the scope of the current investigation) and move on. Mr. Brooks believed that there was no need for a Field Modification at this time because the Work Plan and ESS already address this issue, but at Mr. Douglas' request, a minor Modification will be issued to clarify this paragraph.

The crew spent the day on vegetation management rather then detector-aided surveying due to the fact we had had three low order detonations using the binary explosives and shape charge. Explosive perforators and detonating cord have been ordered to correct this problem. Detector aided surface clearance will resume when the additional explosive material arrives on site.

IMPORTANT PHONE CALLS/DECISIONS: See log above reference Field Change Request.

FIELD TASK MODIFICATIONS: See Field Change Request 01

WEATHER CONDITIONS: Sunny in the AM, turning in the Afternoon with possibility of T Storms, 60% chance of rain

VISITORS ON SITE: N/A

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Mark Soha, Frank Montes, Frank Loney, Norm Piper, Alfred Smith, Thomas Douglas, Arnold "Pope" Burr

SIGNATURE: Syd Rodgers

DATE: 6/24/10

TETRA TECH NUS, INC.

MEC FIELD ACTIVITY DAILY LOG

DATE	6/25/10
SHEET 1 OF 2	

FACILITY NAME: NAS Brunswick **SITE(s)**: Site 12 Preparation	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1403

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED

Mobilization/Set Preparation: Site setup at Site 12

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: N/A

Surface/Subsurface Clearance: N/A

Data Processing and Interpretation: N/A

Disposal of MEC: N/A

Demobilization: N/A

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED: N/A
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION

DATE	6/25/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

Continued with brush cutting activities using all personnel. When new explosive materials arrive we will resume with the surface sweep activities.

I received the Dig Safe Permits for Site 12 and FMBW area today. Now we can install our IVS at Site 12 to save M/H verifying instruments.

Nothing else to report

17:00 Secured for the day

IMPORTANT PHONE CALLS/DECISIONS: N/A

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: 75F, Sunny, Winds 5-10mph

VISITORS ON SITE: N/A

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Mark Soha, Frank Montes, Frank Loney, Norm Piper, Alfred Smith, Thomas Douglas, Arnold "Pope" Burr

SIGNATURE: Syd Rodgers

DATE: 6/25/10

TETRA TECH NUS, INC.

MEC FIELD ACTIVITY DAILY LOG

DATE	6/26/10
SHEET 1 OF 2	

FACILITY NAME: NAS Brunswick **SITE(s)**: Site 12 Preparation	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1403

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED

Mobilization/Set Preparation: Site setup at Site 12

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: N/A

Surface/Subsurface Clearance: N/A

Data Processing and Interpretation: N/A

Disposal of MEC: N/A

Demobilization: N/A

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED: N/A
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION

DATE	6/26/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

Continued brush cutting today. An estimate on my part is that we probably have about two to three more full days of brush cutting left to do at Site 12 EOD. There is a fairly good sized area in the middle of the range that stays very damp, we are taking extra precautions using the tractor, and having one person walk in front of the tractor checking the ground for a solid path and for MEC/MPPEH.

The two 5 lb fire extinguishers we use for transporting explosives were turned in to AAA Fire Extinguisher Co, yesterday to be recharged and recertified. They gave me two of their spare 5 lb extinguishers to use until they can return ours, so we are still operational. We used our extinguishers to fight a grass fire after the demo operations on Tuesday.

Spoke with Ralph Brooks (UXO Manager), and requested permission to start sweeping again. He gave permission with the understanding that if we find multiple UXO that needs to be blown in place, we manage the number so that the site activities are not overwhelmed with the quantity and/or NEW and do not create a safety hazard.

The alternate IVS was installed today at Site 12 EOD. The alternate area was encompassed within area where utility clearances were approved and was installed for efficiency purposes to be closer to the site.

1700 Secured for the day.

IMPORTANT PHONE CALLS/DECISIONS: Contacted UXO Manager for permission to resume surface sweep operations. Permission granted.

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: 75F, Partly Cloudy, Winds 5-10mph

VISITORS ON SITE: N/A

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Mark Soha, Frank Montes, Frank Loney, Norm Piper, Alfred Smith,

SIGNATURE: Syd Rodgers

DATE: 6/26/10

TETRA TECH NUS, INC.

MEC FIELD ACTIVITY DAILY LOG

DATE	6/27/10
SHEET 1 OF 2	

FACILITY NAME: NAS Brunswick **SITE(s)**: Site 12 Preparation	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1403

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED

Mobilization/Set Preparation: Site setup at Site 12

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: Resumed surface sweeping

Surface/Subsurface Clearance: N/A

Data Processing and Interpretation: N/A

Disposal of MEC: N/A

Demobilization: N/A

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED: 2.25" Scar Rocket Warhead (solid steel) MDAS
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION D-8 N 378012.65 E 3017572.83

DATE	6/27/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

Resumed Detector aided surface sweeping per telephone conversation with UXO Manager 6/26/2010

In Grid D8, a 2.25" Scar Rocket Warhead (solid steel) was found, the item was placed in the MDAScontainer pending later demil.

Location: N 378012.65

E 3017572.83

A total of 9 grids were swept, and passed by QC: Grids C4, L5, B8, B9, C7, C8, C9, D8, and D9.

17:00 Secured for the day

IMPORTANT PHONE CALLS/DECISIONS: None

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: 74F, cloudy, 5-10mph winds, 10% chance of rain

VISITORS ON SITE: N/A

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Mark Soha, Frank Montes, Frank Loney, Norm Piper, Alfred Smith,

SIGNATURE: Syd Rodgers

DATE: 6/27/10

TETRA TECH NUS, INC.

MEC FIELD ACTIVITY DAILY LOG

DATE	6/28/10
SHEET 1 OF 2	

FACILITY NAME: NAS Brunswick **SITE(s)**: Site 12 Preparation	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1403

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED

Mobilization/Set Preparation: Site setup at Site 12

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: Grid L4 was redone today due to a previous failure and Passed QC/QA

Grid L6 was swept today but failed QC/QA (see comments below)

Surface/Subsurface Clearance: N/A

Data Processing and Interpretation: N/A

Disposal of MEC: N/A

Demobilization: N/A

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED: N/A
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION

DATE	6/28/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

Miserable weather today: Team resumed surface sweep operations starting with Grid L4 the last redo grid then proceeding to Grid L6 that was left unfinished.

QA personnel are back on site

Lightning hold 07:25-07:55 resumed operations

Grid L6 failed QC/QA Tetra Tech QC put out 3ea seeds and the NAVTECHDIV put out 2ea. The three Tetra Tech seeds were found but only one from NAVTECHDIV. The Grid had not yet been turned over to NAVTECHDIV but when the QC found out that the team had missed one of their seeds the QC failed the grid. The grid was redone and passed.

One Trimble went down late yesterday afternoon and was shipped out for repair today. The UXO Manager was notified and assured me one would be sent to replace it ASAP.

17:00Secured for the day.

IMPORTANT PHONE CALLS/DECISIONS: None

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: Showers and thunderstorms in AM, some severe, High 82F, Winds SSW at 10-20mph

VISITORS ON SITE: N/A

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Mark Soha, Frank Montes, Frank Loney, Norm Piper, Alfred Smith, Tom Douglas, Arnold "Pope" Burr

SIGNATURE: Syd Rodgers

DATE: 6/28/10

TETRA TECH NUS, INC.

MEC FIELD ACTIVITY DAILY LOG

DATE	6/29/10
SHEET 1 OF 2	

FACILITY NAME: NAS Brunswick **SITE(s)**: Site 12 Preparation	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1403

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED

Mobilization/Set Preparation: Site setup at Site 12

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: Grids Swept L7, L8, L9, K9, K8, K7

QC Performed on Grids L7, L8, L9, K9, K8, K7

Surface/Subsurface Clearance: N/A

Data Processing and Interpretation: N/A

Disposal of MEC: N/A

Demobilization: N/A

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED: N/A
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION

DATE	6/29/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

Resumed surface sweep operations in Grid L7

A list of Grids that have passed the NAVTECDIV QA: C4, B8, B9, C7, C8, C9, D8, D9, L2, L3,L4, L5, L6

Took receipt of additional explosives: 4ea, 12 Gram, 4ea, 19 Gram, and 4ea 38.5 Gram Conical Shaped Charges, plus 50 feet of 80 Grain Detonating Cord. Mr. Bill Nixon (Omni Distribution, Inc) stated that the standoff distance should be 1 ½ times the Diameter of the charge.

Yesterday we took receipt of 10,000 feet of Shock Tube.

We have Demo operations planned for tomorrow afternoon. We will attack the bomb again and the fuze/booster.

Tomorrow morning NAVTECDIV QA Personnel will out brief us with their observations.

17:00 Secured for the day.

IMPORTANT PHONE CALLS/DECISIONS: None

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: Dense morning fog, High 74F,Possible Thunderstorms in PM, Winds SSE @5-10mph

VISITORS ON SITE: N/A

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Mark Soha, Frank Montes, Frank Loney, Norm Piper, Alfred Smith, Tom Douglas, Arnold "Pope" Burr

SIGNATURE: Syd Rodgers

DATE: 6/29/10

TETRA TECH NUS, INC.

MEC FIELD ACTIVITY DAILY LOG

DATE	6/30/10
SHEET 1 OF 2	

FACILITY NAME: NAS Brunswick **SITE(s)**: Site 12 Preparation	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1403

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED

Mobilization/Set Preparation: Site setup at Site 12

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: Grids K5 and K6 were swept and passed by QC.

Surface/Subsurface Clearance: N/A

Data Processing and Interpretation: N/A

Disposal of MEC: N/A

Demobilization: N/A

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED: N/A
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION

DATE	6/30/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

Continued with Surface Sweep operations.

Demolition Operations are planned for 15:00 hrs today.

Two items of MEC were treated successfully today. NASB Fire Department was on site during demolition operations this time, to render assistance in case of fire.

The fuze Item # S12-L2-02 was totally destroyed

The fuze in the MK 82 bomb # S12-G2-01 was punctured and turned out to be inert. The bomb is now classified as MDAS and will be tagged for demil.

All rented equipment was returned to Taylor Rentals for service while we are on break.

Met with Mike Fagan today about the wetlands NASB does not want us to cut. He will be escorted around the site on Tuesday to verify the areas that are marked off, are in fact, all the wetlands we will not investigate.

Tomorrow the crew will start its 5 day break

17:00 Secured for the day.

IMPORTANT PHONE CALLS/DECISIONS: None

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS:

VISITORS ON SITE: N/A

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Mark Soha, Frank Montes, Frank Loney, Norm Piper, Alfred Smith, Tom Douglas, Arnold "Pope" Burr

SIGNATURE: Syd Rodgers

DATE: 6/30/10

TETRA TECH NUS, INC.

MEC FIELD ACTIVITY DAILY LOG

DATE	7/6/10
SHEET 1 OF 2	

FACILITY NAME: NAS Brunswick **SITE(s)**: Site 12	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1403

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED

Mobilization/Set Preparation: Jim Rossi Mobilized to the site.

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: Complete Grids swept today: K1, K3, K4 Partial Grids swept today:K2, J1, J2

Grids passing QC: K1, K2, K3, K4, J1, J2,

Surface/Subsurface Clearance: N/A

Data Processing and Interpretation: N/A

Disposal of MEC: N/A

Demobilization: N/A

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED: N/A
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION

DATE	7/6/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

Resumed magnetometer assisted surface sweep after 5 Day break.

Extremely hot and humid today, the crew had to take extra rest and water breaks.

The partial grids today were due to wetlands and terrain.

Jim Rossi arrived on site today, we went over some points in the Work Plan and the ESS that NOSSA will be looking at starting tomorrow.

Mr. Mike Fagan was not in today to walk the wetlands as planned, This will be accomplished tomorrow.

17:00 Secured for the day

IMPORTANT PHONE CALLS/DECISIONS: None

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: Partly Cloudy, Possible "T" Storms, High 86F, Chance of rain 30%

VISITORS ON SITE: N/A

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Mark Soha, Frank Montes, Frank Loney, Norm Piper, Alfred Smith, Jim Rossi

SIGNATURE: Syd Rodgers

DATE: 7/6/10

TETRA TECH NUS, INC.

MEC FIELD ACTIVITY DAILY LOG

DATE	7/7/10
SHEET 1 OF 2	

FACILITY NAME: NAS Brunswick **SITE(s)**: Site 12	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1403

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED

Mobilization/Set Preparation: Jake Clement mobilized 7/6/10

UXO Escort/Avoidance: Jim Rossi conducted UXO Escort for Doug Murray and Brion Hall.

Site-Specific Training/IVS Certification: Jake Clements received Site-Specific Training

Detector Aided Surface Surveys: Grids completed today: J3, J4, J5, J6,

Grids passing QC today: J2, J3, J4, J5, J6

Surface/Subsurface Clearance: N/A

Data Processing and Interpretation: N/A

Disposal of MEC: N/A

Demobilization: N/A

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED: N/A
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION

DATE	7/7/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

Resumed Surface Sweep Operations.

Jake Clements Mobbed in yesterday and is on site for work today.

Mr. Douglas Murray is on site from NOSSA to conduct an audit of our operations IAW the approved Work Plan.

Verified Non-MEC Scrap at scrap collection point, Deposited MDAS material in locked container.

17:00 Secured for the day.

IMPORTANT PHONE CALLS/DECISIONS: Requested badge paperwork be sent to NASB for Jake Clements, to allow him to start work.

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: Mix of Clouds and Sun, High 83F, Winds SE @ 5-10mph

VISITORS ON SITE: Brion Hall (Explosive Safety Officer NASB) came on site today to visit with NOSSA, and answer questions pertaining to magazine grounding procedures. Douglas Murray (NOSSA) at site for NOSSA Audit. Mr. Hall and Mr. Murray were Safety briefed and escorted.

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Mark Soha, Frank Montes, Frank Loney, Norm Piper, Alfred Smith, Jim Rossi, Jake Clements

SIGNATURE:

DATE: 7/7/10

TETRA TECH NUS, INC.

MEC FIELD ACTIVITY DAILY LOG

DATE	7/8/10
SHEET 1 OF 2	

FACILITY NAME: NAS Brunswick **SITE(s)**: Site 12	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1403

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED

Mobilization/Set Preparation: Site setup at Site 12

UXO Escort/Avoidance: Douglas Murray (NOSSA)

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: Grids Swept today J8, J9, H9, H8, H7

Grids passing QC today: J8, J9, H8, H9

Surface/Subsurface Clearance: N/A

Data Processing and Interpretation: N/A

Disposal of MEC: N/A

Demobilization: Jim Rossi Demobilization

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED: #1. MEC encountered in Grid J8, Photo # 68, 69 Item # S12-J8-04 (40mm Cartridge Case w/ live Primer) #2. MEC encountered in Grid J9, Photo #70, 71, Item # S12-J9-05 (40mm Cartridge Case w/ live Primer) #3. MEC encountered in Grid H8, Photo #72, Item# S12-H8-06 (40mm Cartridge Case w/ live Primer)
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION

DATE	7/8/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

Resumed Surface Sweep Operations

MEC encountered in Grids, J8, J9, H8, See above for description of items. All items declared safe to move and placed in MEC holding magazine pending destruction.

Mr. Douglas Murray departed the Site today after informal out brief.

Mr. Jim Rossi departed the Site today after informal out brief.

17:00 Secured for the day

IMPORTANT PHONE CALLS/DECISIONS: N/A

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: Sunshine and clouds mixed, Stray shower or "T" storm possible, High 81F, Winds SSE @ 10-15mph

VISITORS ON SITE: Mr. Mike Fagan, arrived on site today to verify what is and what is not wetlands; Douglas Murray (NOSSA) Audit out brief.

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Mark Soha, Frank Montes, Frank Loney, Norm Piper, Alfred Smith, Jim Rossi, Jake Clements

SIGNATURE:

DATE: 7/8/10

TETRA TECH NUS, INC.

MEC FIELD ACTIVITY DAILY LOG

DATE	7/9/10
SHEET 1 OF 2	

FACILITY NAME: NAS Brunswick **SITE(s)**: Site 12	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1403

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED

Mobilization/Set Preparation: Site setup at Site 12

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: Grids completed today: J7, F8 (See list of partial grids done today in Remarks Section)

Grids passing QC: H7, J7

Surface/Subsurface Clearance: N/A

Data Processing and Interpretation: N/A

Disposal of MEC: N/A

Demobilization: N/A

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED:
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION

DATE	7/9/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

Resumed Mag assisted Surface Sweep

Yesterday the SUXOS and Mr. Mike Fagan walked site to define what areas should be excluded from the vegetation management/surface removal effort; Mr. Fagan's direction was, do not cut in standing water areas. We can cut the reeds as long as we can stand on the grass and not sink in. This will greatly reduce the area I had mapped out earlier as wetlands. I spoke with Mr. Brooks (UXO Manager) about renting another brush cutter for a few days to speed up the cutting process. With his approval I will pick up another cutter tomorrow and resume vegetation management. The steep slopes and the cliff area are still no cut zones. When the areas surrounding the wetlands have been cut, the area will be walked again with the GPS and a new map will be created.

List of Partial Grids done today: H6, H5, H4, H3. These Grids are partials while awaiting direction from Mike Fagan on exclusion areas for wet lands. Now with new direction we will cut the reeds, and then finish the grid at a later date.

SUXOS and QC/Safety conducted explosive inventory, no discrepancies noted.

IMPORTANT PHONE CALLS/DECISIONS: As defined by Mike Fagan, wetlands are areas where you are standing in water during brush cutting, if you are not standing in water, it is not wetlands.

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: Sunshine and clouds mixed, Stray shower or "T" storm possible, High 81F, Winds SSE @ 10-15mph

VISITORS ON SITE: Mr. Mike Fagan, arrived on site today to verify areas that should be excluded from the work based on wetlands identification.

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Mark Soha, Frank Montes, Frank Loney, Norm Piper, Alfred Smith, Jake Clements,

SIGNATURE: Syd Rodgers

DATE: 7/9/10

TETRA TECH NUS, INC.

MEC FIELD ACTIVITY DAILY LOG

DATE	7/10/10
SHEET 1 OF 2	

FACILITY NAME: NAS Brunswick **SITE(s)**: Site 12	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1403

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED

Mobilization/Set Preparation: Site setup at Site 12

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: Grid F8

Surface/Subsurface Clearance: N/A

Grids passing QC: F7and F8

Data Processing and Interpretation: N/A

Disposal of MEC: N/A

Demobilization: N/A

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED:
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION

DATE	7/10/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

Resumed grass cutting activities with all personnel, today we started cutting reeds adjacent to the excluded wetlands area. This operation should take 1-2 days of steady cutting. When the grass cutting is far enough ahead of the rest of the crew I plan to run two operations at the same time. Grass cutting and Mag assisted surface sweep to keep up the production levels.

Picked up a third weed eater today this one is fitted with a string head attachment for the finer grass. I have two weed eaters with blades and one with string.

We had some heavy rains today.

17:00 Secured for the day

IMPORTANT PHONE CALLS/DECISIONS: Discussed wetlands as identified by Mike Fagan with Ralph Brooks (Tetra Tech UXO Manger). Instructed to proceed with that definition and not take rains, or lack of rain into consideration. Per Mike Fagan, if you are standing in water, during brush cutting, you are in the excluded wetland area. If it is dry where you are standing during brush cutting, proceed with vegetation management/detector-aided surface survey.

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: Cloudy, 75 F, Possible "T" storms in the afternoon, 60% chance of rain

VISITORS ON SITE: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Mark Soha, Frank Montes, Frank Loney, Norm Piper, Alfred Smith, Jake Clements,

SIGNATURE: Syd Rodgers

DATE: 7/10/10

TETRA TECH NUS, INC.

MEC FIELD ACTIVITY DAILY LOG

DATE	7/11/10
SHEET 1 OF 2	

FACILITY NAME: NAS Brunswick **SITE(s)**: Site 12	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1403

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED

Mobilization/Set Preparation: Site setup at Site 12

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: Grids completed today: F6, (See Description of daily activities for details of Partials)

Grids QC'd today: None

Surface/Subsurface Clearance: N/A

Data Processing and Interpretation: N/A

Disposal of MEC: N/A

Demobilization: N/A

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED: 1. Grid F6 1ea fuze, type unknown, S12-F6-07, Appears to be expended, 2. Grid F6 1ea 40mm Grenade (practice), S12-F6-08, Appears to be a solid round. 3. Grid F6, 1ea, M-18 smoke grenade, S12-F6-09, (expended but with fuze), 4. Grid F6, 1ea, M-18 smoke grenade, S12-F6-10, (expended but with fuze), 5. Grid F5, 1ea 60 mm mortar (empty), S12-F5-11, 6. Grid F5, Bulk Propellant, S12-F5-12.
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION

DATE	7/11/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

SUXOS and Team Leader toured the wetlands areas to see if more needed to be cut. Areas looked good.

Team Leader with one person departed to sweep areas that were adjacent to the excluded wetlands areas, the remainder of the team resumed sweeping as normal.

Currently all munitions items discovered at the site are classified as MEC or MPPEH. The Items discovered today are MPPEH and have been moved to the MEC/MPPEH Type 2 magazine. Certification and inspection of MPPEH as MDAS or MDEH has to be done by UXO Techs which are designated in writing as stated in OP5 Para. 13-15.7 A copy of the designation letter has been requested from the Project Manager.

Grids swept today and still considered as partials: H3, H4, and 80 % swept remainder not swept due to wetlands.

Grids swept today and still considered as partials: H5, H6, Areas not swept are due to wetlands.

GridJ1 has been swept Approximately 70 % the remainder is due to wetlands.

Grid K2, Has been swept approximately 80 % and remains a partial due to terrain (hill)

Grid J2, Remains a partial due to terrain, the grid has been swept approximately 95 %.

In summary, Grids H3, H4, H5, H6, J1, K2, J2, have been swept, but not passed QC at this point.

17:00 Secured for the day

IMPORTANT PHONE CALLS/DECISIONS: N/A

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: Cloudy with 50% chance of rain, High 80F,Winds NNE@5-10mph

VISITORS ON SITE: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Mark Soha, Frank Montes, Frank Loney, Norm Piper, Alfred Smith, Jake Clements,

SIGNATURE:

DATE: 7/11/10

TETRA TECH NUS, INC.

MEC FIELD ACTIVITY DAILY LOG

DATE	7/12/10
SHEET 1 OF 2	

FACILITY NAME: NAS Brunswick **SITE(s)**: Site 12	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1403

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED

Mobilization/Set Preparation: Site setup at Site 12

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: Grids swept today: F5, E5, E6

Grids passing QC today: F5, E5, E6 Grids passing a 2nd QC after wetlands readjustment H3, H4, H5, H6, F6, K2, J1, J2

Surface/Subsurface Clearance: N/A

Data Processing and Interpretation: N/A

Disposal of MEC: N/A

Demobilization: N/A

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED: MPPEH recovered
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION

Grid F5, S12-F5-13, Fuze component, Nomenclature unknown (appears to be expended), item transported to MEC/MPPEH holding magazine waiting treatment.

DATE	7/12/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

Continued with magnetometer aided surface sweep.

Contacted Mike Fagan, gave advance notification of planned demolition operations Wednesday afternoon, plan to treat MPPEH items prior to 4 day break.

We now have the four grids surrounding the Former Demo Pit swept and QC'd so we will be ready for the trenching activities next week.

17:00 Secured for the day

IMPORTANT PHONE CALLS/DECISIONS: Contacted Mike Fagan to schedule demolition operations Wednesday afternoon.

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: Mostly cloudy, High 82F, Winds S @ 5-10mph

VISITORS ON SITE: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Mark Soha, Frank Montes, Frank Loney, Norm Piper, Alfred Smith, Jake Clements,

SIGNATURE: Syd Rodgers

DATE: 7/12/10

TETRA TECH NUS, INC.

MEC FIELD ACTIVITY DAILY LOG

DATE	7/13/10
SHEET 1 OF 2	

FACILITY NAME: NAS Brunswick **SITE(s)**: Site 12	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1403

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED

Mobilization/Set Preparation: Site setup at Site 12

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: Grids completed today: E7, E8, E9, A6, A7, G8, and G7

All Grids passed QC.

Surface/Subsurface Clearance: N/A

Data Processing and Interpretation: N/A

Disposal of MEC: N/A

Demobilization: N/A

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED: N/A
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION

DATE	7/13/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

Continued with Magnetometer assisted surface sweep.

The grass around the magazines had to be cut again it grows fast around here.

All Grids in and around the berm area have been swept and passed QC, We are ready to start trenching as soon as the equipment arrives.

Tomorrow will have the wetlands re walked with the GPS, when completed will have a new map generated to identify the areas not to be done per NASB directions.

One Schonsedt will be sent back for repair or replacement. It still works but is questionable on the IVS. It has been taken out of service.

17:00 Secured for the day.

IMPORTANT PHONE CALLS/DECISIONS: N/A

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: Cloudy, 20% chance of rain, High 78F, Winds SSE@5-10

VISITORS ON SITE: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Mark Soha, Frank Montes, Frank Loney, Norm Piper, Alfred Smith, Jake Clements,

SIGNATURE: Syd Rodgers

DATE: 7/13/10

TETRA TECH NUS, INC.

MEC FIELD ACTIVITY DAILY LOG

DATE	7/14/10
SHEET 1 OF 2	

FACILITY NAME: NAS Brunswick **SITE(s)**: Site 12	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1403

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED

Mobilization/Set Preparation: Site setup at Site 12

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: Grids swept today: G5, G6

Grids passing QC today: G5, G6

Surface/Subsurface Clearance: N/A

Data Processing and Interpretation: N/A

Disposal of MEC: The following MPPEH items were successfully treated: S12-J8-04, S12-J9-05, S12-H8-06, S12-F6,-07, S12-F6-08, S12-F6-09, S12-F6-10, S12-F5-12, S12-F5-13

Demobilization: N/A

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED: N/A
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION

DATE	7/14/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

Resumed magnetometer aided surface survey again today until midday.

Proper notifications were made for Demo operations to take place at approximately 13:30 hours, Mike Fagan, Ralph Brooks, NASB Fire Department.

12:30 hrs Demo safety briefing was conducted and personnel assignments were made.

13:00 hrs the area was secured by road guards and road barriers.

13:15 Placed items to be treated and donor charges

13:30 hrs Fire Department arrived to standby at safe area.

13:45 Detonated charges, after appropriate wait times checked shot and all items were successfully treated.

14:00 Released the Fire Department and cleaned the range.

Remainder of the day was spent performing maintenance of tools and equipment

17:00 Secured for the day.

Crew will return to work 7/19/10

IMPORTANT PHONE CALLS/DECISIONS: N/A

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: Rain in AM, turning to possible thunderstorms in PM, High 75F, Winds NNE@5-10mph, chance of rain 80%

VISITORS ON SITE: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Mark Soha, Frank Montes, Frank Loney, Norm Piper, Alfred Smith, Jake Clements,

SIGNATURE: Syd Rodgers

DATE: 7/14/10

TETRA TECH NUS, INC.

MEC FIELD ACTIVITY DAILY LOG

DATE	7/19/10
SHEET 1 OF 2	

FACILITY NAME: NAS Brunswick **SITE(s)**: Site 12	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1403

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED

Mobilization/Set Preparation: Site setup at Site 12

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: G4, (Partial Wetlands) F4, E4, D4, D5

Grids passing QC: G4, F4

Surface/Subsurface Clearance: N/A

Data Processing and Interpretation: N/A

Disposal of MEC: N/A

Demobilization: N/A

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED: MEC encountered in Grid F4, Photo # S12-F4-15, The MEC item is a 20 mm projectile, with fuze, the item is unfired but has been damaged in a demolition shot. The item has been declared unsafe to move. Treatment in place is planned for 7/20/10. MPPEH was discovered in Grid G4, Photo# S12-G4-14, The item is a 20 mm projectile w/o fuze, item was transported to our MEC/MPPEH holding magazine, pending treatment.
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION

DATE	7/19/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

Resumed Schonstedt aided surface sweep

The grass was getting too tall again, so started cutting in the undone grids with the tractor and brush-hog.

An Excavator and Skid Steer arrived today from United Rentals; this equipment will be used during the trenching phase of this project. The personnel barrier is still due out, should arrive 7/20/10.

Safety Officer spent some time conducting refresher training with personnel on the use of heavy equipment.

Notified Mr. Ralph Brooks (UXO Manager), and Mr. Mike Fagan (NASB POC) of planned Demo Operations 7/20/10.

Mr. Fagan confirmed in writing that NASB would assume security of MEC until it's properly treated 7/20/10.

Plan to start trenching operations 7/20/10. Prior to trenching the entire crew will assemble to review the Work Plan, one more time, assignments will be made, and the Safety Officer will give a special Safety briefing on the dos and don'ts of working around equipment.

17:00 Secured for the day.

IMPORTANT PHONE CALLS/DECISIONS: Mike Fagan NASB POC assumed responsibility for the MEC item that was not safe to move.

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: Partly Cloudy in the AM, Thunder Storms this afternoon, some severe, High 78F, Winds, SSE @ 5-10 mph, Rain 60%

VISITORS ON SITE: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Mark Soha, Frank Montes, Frank Loney, Norm Piper, Alfred Smith, Jake Clements,

SIGNATURE: Syd Rodgers SUXOS **DATE:** 7/19/10

TETRA TECH NUS, INC.

MEC FIELD ACTIVITY DAILY LOG

DATE	7/20/10
SHEET 1 OF 2	

FACILITY NAME: NAS Brunswick **SITE(s)**: Site 12	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1403

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED

Mobilization/Set Preparation: Site setup at Site 12

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: N/A

Surface/Subsurface Clearance: Grids swept today: D6, D7, B7

Grids passing QC today: E4, D4, D5, D6, D7

Data Processing and Interpretation: N/A

Disposal of MEC: N/A

Demobilization: N/A

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED: In Grid B7, MPPEH was encountered, an M904 bomb nose fuze, S12-B7-16, the item was intact but corroded. The item was transported to the MEC/MPPEH holding magazine pending treatment at a later date.
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION

DATE	7/20/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

Continued with magnetometer aided surface sweep.

Turned in the third weed eater to the rental company, not needed any longer.

Purchased a 20' x 30' plastic tarp to be used for clean dirt stockpiling during trenching operations.

Successfully treated a 20 mm MEC item today during Demo operations, area was cleared of grass and brush (to reduce the possibility of fires) using the excavator we now have on Site.

A personnel barrier to be used during Trenching Operations was delivered today, the barrier still has to be assembled and the bullet proof glass must be installed before it can be used as designed.

SUXOS conducted a review of the Work Plan outlining objectives and responsibilities of all personnel during Trenching Activities scheduled for 7/21/10.

17:00 Secured for the day.

IMPORTANT PHONE CALLS/DECISIONS: N/A

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: Mostly Cloudy with a stray thunderstorm possible, High 81F, Winds light and variable

VISITORS ON SITE: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Mark Soha, Frank Montes, Frank Loney, Norm Piper, Alfred Smith, Jake Clements,

SIGNATURE: Syd Rodgers SUXOS **DATE:** 7/20/10

TETRA TECH NUS, INC.

MEC FIELD ACTIVITY DAILY LOG

DATE	7/21/10
SHEET 1 OF 2	

FACILITY NAME: NAS Brunswick **SITE(s)**: Site 12	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1403

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED

Mobilization/Set Preparation: Site setup at Site 12

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: Grids completed: B6, B5

Grids passing QC: B6, B7

Surface/Subsurface Clearance: Trench #1 30' x 3' x 3.5' (Stopped at water table) Items recovered: 5lb of Non-OE (Non-Ordnance and Explosive Scrap), 300lbs of reinforced concrete and one large culvert pipe.

Data Processing and Interpretation: N/A

Disposal of MEC: N/A

Demobilization: N/A

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED: N/A
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION

DATE	7/21/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

Started trenching operations today

Ms. Linda Klink (Project Manager and Mike Fagan (NASB POC) made a visit to the Site today. Both parties were met by the Safety Officer, given a Safety briefing and were escorted around the Site.

Spent the morning perfecting our trenching procedures, then after lunch we broke into fragmented operations with part of the crew resuming the surface sweep efforts.

At approximately 15:30 hrs, the assembled personnel shelter with glass was transported to the digging area.

IAW with the Work Plan, Paragraph 2.10.2, Page 2-16, it states that we will perform limited trenching at 12 selected areas. We have only been issued coordinates for 11 trenches.

IMPORTANT PHONE CALLS/DECISIONS: N/A

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: Some sun with possible thunderstorms in PM, High 78F,Winds SE@5-10mph, Some storms may be severe, Chance of rain 30%

VISITORS ON SITE: Linda Klink (Tetra Tech PM), Mike Fagan (NASB POC), Jason Sperry (United Rentals)

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Mark Soha, Frank Montes, Frank Loney, Norm Piper, Alfred Smith, Jake Clements,

SIGNATURE: Syd Rodgers SUXOS **DATE:** 7/21/10

TETRA TECH NUS, INC.

MEC FIELD ACTIVITY DAILY LOG

DATE	7/22/10
SHEET 1 OF 2	

FACILITY NAME: NAS Brunswick **SITE(s)**: Site 12	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1403

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED

Mobilization/Set Preparation: Site setup at Site 12

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: Grids swept today: C5, C6, B4, C3, C2, D3, E3

Surface/Subsurface Clearance: Trench #6 75% dug before it was shut down due to muddy conditions

Data Processing and Interpretation: N/A

Disposal of MEC: N/A

Demobilization: N/A

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED: N/A
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION

DATE	7/22/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

Resumed trenching and surface sweep activities.

At approximately 11:00 hrs I shut the trenching operations down due to muddy conditions. We had a serious rain fall last night and the entire Site is very wet and muddy. The excavator had no problems digging the trench but the Skid-Steer used to back fill with the clean dirt just couldn't get around without slipping, and sliding. The Skid-Steer couldn't get enough traction to get a full bucket of clean dirt to make it worth the effort to keep going. The crew will be more productive doing the surface sweep.

Spoke with Ralph Brooks (UXO Manager) and Jeff Fournier (Tetra Tech) about getting a replacement Skid-Steer with tracks.

Jeff Fournier called back about an hour later and said a replacement vehicle will be delivered the afternoon of 7/23/10

Took partial delivery of an explosive shipment, 38.5 gram shaped charges 10ea, (box 2of 2) (box 1of 2) is still due out.

16:30 Stopped operations to perform maintenance of tools and equipment, Grease Track Hoe, Skid-Steer etc.

17:00 Secured for the day

IMPORTANT PHONE CALLS/DECISIONS: N/A

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: Sunshine and clouds mix, less humid, High 78F, Winds WNW @ 10-20mph

VISITORS ON SITE: N/A

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Mark Soha, Frank Montes, Frank Loney, Norm Piper, Alfred Smith, Jake Clements,

SIGNATURE: Syd Rodgers SUXOS **DATE:** 7/22/10

TETRA TECH NUS, INC.

MEC FIELD ACTIVITY DAILY LOG

DATE	7/23/10
SHEET 1 OF 2	

FACILITY NAME: NAS Brunswick **SITE(s)**: Site 12 Preparation	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1403

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED

Mobilization/Set Preparation: Site setup at Site 12

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: Grids swept today: F2, F3, E1, E2, D1, and D2

Grids Passing QC today: C5, C6, B4, B5, C2, C3, D3, E3, and F3

Surface/Subsurface Clearance: N/A

Data Processing and Interpretation: N/A

Disposal of MEC: N/A

Demobilization: N/A

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED:
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION N/A

DATE	7/23/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

Resumed trenching and sweep activities, the ground seems to have dried up enough to use Heavy Equipment.

Received second part of explosive shipment today, 100' of 100 grain det cord, and 62' of 50 grain det cord.

Received replacement Skid-Loader this afternoon, this is a tracked vehicle which should not tear up the surrounding terrain as much as the wheeled vehicle.

Trenching operations:

Trench #6 24' x 3' x 4' encountered water table

80Lbs of NON-OE (Non-Ordnance and Explosives Scrap) Mainly a large Culvert Pipe in the trench

Trench #4 30' x 3' x 4' encountered water table

220 Lbs of NON-OE (Non-Ordnance and Explosives Scrap) Mainly a large Culvert Pipe in the trench

16:30 Secured operations to perform maintenance of tools and equipment

17:00 Departed for the day

IMPORTANT PHONE CALLS/DECISIONS: N/A

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: Mostly clear, 20% chance of rain. 80F, Winds WSW @ 5-10mph

VISITORS ON SITE: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Mark Soha, Frank Montes, Frank Loney, Norm Piper, Alfred Smith, Jake Clements

SIGNATURE: Syd Rodgers SUXOS **DATE:** 7/23/10

TETRA TECH NUS, INC.

MEC FIELD ACTIVITY DAILY LOG

DATE	7/24/10
SHEET 1 OF 2	

FACILITY NAME: NAS Brunswick **SITE(s)**: Site 12 Preparation	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1403

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED

Mobilization/Set Preparation: Site setup at Site 12

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: Grids Swept today: G1, H1, F1

Grids that passed QC today: D1, D2, E1, E2, F1, F2, G1, and H1

Surface/Subsurface Clearance: See Daily activities below,

Data Processing and Interpretation: N/A

Disposal of MEC: N/A

Demobilization: N/A

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED:
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION N/A

DATE	7/24/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

Continued the surface sweep and the digging effort.

Trench #2 **20' x 3' x 2' dug to bedrock**

40 Lbs Non-OE (ordnance and explosive) Sheet metal

Trench #3 **17' x 3' x 4' dug to water table**

60 Lbs of Non-OE to include rebar, and concrete with rebar, also construction debris (asphalt)

Trench #9 **27' x 3' x (North end @ 4' sloping to 2' at the South end due to bedrock).**

70 Lbs Non-OE scrap to include concrete with rebar sheet metal.

16:30 Secured operations to perform maintenance of tools and equipment

17:00 Departed for the day

IMPORTANT PHONE CALLS/DECISIONS: N/A

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: Mostly cloudy, High 74F, Winds ESE @ 5-10mph

VISITORS ON SITE: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Mark Soha, Frank Montes, Frank Loney, Norm Piper, Alfred Smith, Jake Clements

SIGNATURE: Syd Rodgers SuxOS **DATE:** 7/24/10

TETRA TECH NUS, INC.

MEC FIELD ACTIVITY DAILY LOG

DATE	7/25/10
SHEET 1 OF 2	

FACILITY NAME: NAS Brunswick **SITE(s)**: Site 12	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1403

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED

Mobilization/Set Preparation: N/A

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: Grids swept today: H2, G2, and G3 These grids finish the surface sweep phase.

Grids passing QC today: H2, G2, and G3 All grids have passed QC

Surface/Subsurface Clearance: See Daily activities below,

Data Processing and Interpretation: N/A

Disposal of MEC: N/A

Demobilization: N/A

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED: MPPEH recovered in Grid H2, 81 mm Practice mortar, S12-H2-17, empty (solid round), #2 MPPEH recovered in Grid G3, 75 mm projectile, S12-G3-18, empty, #3 MPPEH recovered in Grid G3, 75 mm S12-G3-19 projectile, empty, #4 MEC recovered in Grid G2, S12-G2-20, Fuze bomb tail AN-MK 228, fully loaded.
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION

DATE	7/25/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

Today we continued with the sweeping effort. We had another serious rain storm early AM so we are not able to use heavy equipment to do the trenching. I feel using the equipment would do more damage than good, plus there is a higher probability that the equipment could get stuck in the mud and I have nothing to pull the excavator out if this were to happen. We will wait until the ground firms up some and then resume trenching operations.

All trench areas were swept today including the spoils taken from the trench to make sure the tracked vehicles did not kick up any MEC/MPPEH during trenching operations. Trenches complete as of this date are: 1, 6, 4, 2, 3, and 9.

13:30 ceased field operations after grids were completed and passed QC.

14:00 Secured for the day.

IMPORTANT PHONE CALLS/DECISIONS: Did not make call to Mr. Fagan referencing the MEC item but sent him an email requesting security and authorization to treat this item on 7/26/10 at 15:30 hrs. Mr. Brooks (UXO Manager) was also notified

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: Showers early with isolated thunderstorms in PM. High 82F, Winds WNW @ 10-20mph, Rain 40%

VISITORS ON SITE: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Mark Soha, Frank Montes, Frank Loney, Norm Piper, Alfred Smith, Jake Clements

SIGNATURE: SUXOS **DATE:** 7/25/10

TETRA TECH NUS, INC.

MEC FIELD ACTIVITY DAILY LOG

DATE	7/26/10
SHEET 1 OF 2	

FACILITY NAME: NAS Brunswick **SITE(s)**: Site 12 Preparation	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1403

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED

Mobilization/Set Preparation: Site setup at Site 12

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: N/A

Surface/Subsurface Clearance: Two Trenches done today: Trench #7 and Trench #8 (See description of Daily Activities)

Data Processing and Interpretation: N/A

Disposal of MEC: N/A

Demobilization: N/A

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED:
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION

Trench #7
Projo Base 75 mm,1' deep, S12-trench-7-21
Frag, 18" deep, S12-trench-7-22
Ballistic Shield, 2' deep, S12-trench-7-23
Frag, 8" deep, S12-trench-7-24
40 mm cartridge base, 6" deep, S12-trench-7-25
Ejection cartridge base, 3" deep, S12-trench-7-26

Trench #8
Fuze type unknown, 2" deep, S12-trench-8-27
37 mm cartridge base, 18" deep, S12-trench-8-28
Rocket Motor, type unknown, 2.5' deep, S12-trench-8-29
Rocket motor component, 2'deep, S12-trench-8-30

All items are MPPEH at this time

DATE	7/26/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

Continued with trenching activities today.

Trench #7: 20' x 3' x 4' (water table)

25 Lbs of Non-OE (ordnance and explosive) scrap

10Lbs OE Scrap to include 6ea MPPEH items logged in by QC for depth and GPS data (see preceding Documentation of MEC/MPPEH section for details).

Trench #8: 23' x 3' x 4' (water table)

160 Lbs Non-OE scrap

10Lbs OE scrap to include 4 MPPEH items logged in by QC for depth and GPS data (see preceding Documentation of MEC/MPPEH section for details).

14:30 Dispatched Frank Loney to South Portland to turn in Rental Truck, it seems they sold this vehicle and wanted to replace it with another.

Made arrangements with NASB to do Demo 7/27/10 at approximately 15:30 hrs, Fire Department will be standing by on site.

Continued refresher training of all personnel on Heavy equipment, rotating people in and out of all equipment to increase proficiency.

Received data on trench 12, today will install it in our GPS and identify the spot on the ground tomorrow.

IMPORTANT PHONE CALLS/DECISIONS: Made contact with Walter Lech, NASB, (Mike Fagan alternate) for Demo Operations 7/27/10

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: Sunny and windy, High 79F, Winds WNW @ 15-25mph

VISITORS ON SITE: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Mark Soha, Frank Montes, Frank Loney, Norm Piper, Alfred Smith, Jake Clements

SIGNATURE: Syd Rodgers SUXOS **DATE:** 7/26/10

TETRA TECH NUS, INC.

MEC FIELD ACTIVITY DAILY LOG

DATE	7/27/10
SHEET 1 OF 2	

FACILITY NAME: NAS Brunswick **SITE(s)**: Site 12	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1403

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED

Mobilization/Set Preparation: N/A

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: N/A

Surface/Subsurface Clearance: Trench #5 was started and completed today. (See description of Daily Activities)

Data Processing and Interpretation: N/A

Disposal of MEC: See Description of Daily Activities below

Demobilization: Frank Montes demobilized today in the PM. Will be back on site for work Monday morning.

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED: N/A
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION

DATE	7/27/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

Continued with trenching activities, using the entire crew

Trench #5 started and completed today, the trench was on the side of the EOD range demolition burm. (slope)

The trench was 13' x 6' x 4', no MEC/MPPEH was found at this trench, 75Lbs of Non-OE scrap was recovered, mainly a 6" diameter pipe x 3' long.

13:30 Started Demo operations

14:30 The NASB Fire Department responded to our request to hose down the area prior to demo operations

15:30 We set up two shots, one was dedicated to the AN- MK 228 bomb fuze. The other treated the smaller items which were charged with binary donor charges, and the unknown fuze which was attacked with a 19 Gram shaped charge. All items attacked were either destroyed or demiled successfully.

16:15 Secured daily operations to perform maintenance of tools and equipment.

17:00 Secured for the day.

IMPORTANT PHONE CALLS/DECISIONS: None

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: Plentiful sunshine, Warm, High 84F, Winds WNW 10-15mph

VISITORS ON SITE: NASB Fire Department

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Mark Soha, Frank Montes, Frank Loney, Norm Piper, Alfred Smith, Jake Clements

SIGNATURE: Syd Rodgers SUXOS **DATE:** 7/27/10

TETRA TECH NUS, INC.

MEC FIELD ACTIVITY DAILY LOG

DATE	7/28/10
SHEET 1 OF 2	

FACILITY NAME: NAS Brunswick **SITE(s)**: Site 12	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1403

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED

Mobilization/Set Preparation: N/A

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: N/A

Surface/Subsurface Clearance: Trench #10 was investigated today. Numerous items of MPPEH and one MEC item were encountered. (See Documentation of MEC/MPPEH encountered below)

Data Processing and Interpretation: N/A

Disposal of MEC: N/A

Demobilization: Mark Soha demobilized for another small project and will return on 8/2/10

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED: N/A
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION

Trench #10 MPPEH

1. **2.25" Scar Rocket Warhead, 36" deep, #158,S12-trench -10-31**
2. **2.75 Rocket Motor Venturi, 30" deep, #159,S12-trench-10- 32**
3. **5" Projectile rotating band, 30" deep, #160,S12-trench-10-33**
4. **Bulk explosive, approximately ½ lb, 34" deep, #161,S12-trench-10-34**
5. **Fuze Unknown, 18" deep, #162, S12-trench-10-35**
6. **Air Dropped Mine, 12" deep, #163,S12-trench-10-36**
7. **Fuze Unknown, 2" deep, #166, S12-trench-10-37**

DATE	7/28/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

Resumed trenching operations with limited crew, Two Tech III's were sent to other projects for a short period of time.

Trench #10, 6' long X 3' wide, (East end extended to 7' wide to allow for removal of MK 34 Torpedo) x 4' deep

Trench #10 Approximately 800-900 lbs of MPPEH was pulled from this trench

Approximately ½ lbs of MEC was pulled from this trench.

Tractor and weed-eaters were turned into Taylor Rentals for maintenance while we are on 4 Day Break

With trench #10 complete, there was not enough time to start and finish another trench, so the crew spent the afternoon sweeping the tailings of other trenches previously dug to insure no MEC/MPPEH had been uncovered moving back and forth with the tracked vehicles.

16:30 Secured operations to perform maintenance of tools and equipment.

17:00 Secured for the day, Crew will return Monday 8/2/10

IMPORTANT PHONE CALLS/DECISIONS: None

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: Partly cloudy, Warm, High 84F, Winds SSW 10-15mph

VISITORS ON SITE: NASB Fire Department

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Frank Loney, Norm Piper, Alfred Smith, Jake Clements

SIGNATURE: Syd Rodgers SUXOS **DATE:** 7/28/10

TETRA TECH NUS, INC.

MEC FIELD ACTIVITY DAILY LOG

DATE	8/2/10
SHEET 1 OF 2	

FACILITY NAME: NAS Brunswick **SITE(s)**: Site 12 and FMBW	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1403

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED

Mobilization/Set Preparation: FMBW

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: FMBW - began setup of transects

Surface/Subsurface Clearance: Site 12 - Trench #11 was investigated today, This trench was 21 feet long x 6 feet wide x 4 feet deep

350 Lbs of NON-OE scrap was taken out (mainly culvert pipe) no MEC/MPPEH was encountered

Data Processing and Interpretation: N/A

Disposal of MEC: N/A

Demobilization: N/A

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED: N/A
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION

DATE	8/2/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

All personnel have returned from other job sites and are ready to resume our Site 12 trenching efforts.

Site 12 - Two personnel were dispatched with GPS and tape measures to extend Grids G-1, K-2, L-2, and L-3, as per instructions of the UXO Manager; with these grids extended they will be full 100'x100' grids.

13:00 FMBW - Two personnel were dispatched to the FMBW Site with maps, GPS Units, flags, Schonstadt's and a White. The objective is to locate the start and stop of each transect indicated on our maps, then to select 25 random locations identified to be cleared, find that location, put a numbered flag at that location and using each type of metal detector see if they can locate the anomaly. No digging will be done until the rest of the crew arrives to start that phase of the project.

Site 12 - Trench #11 complete, no MEC/MPPEH found at this location.

16:30 Terminated daily operations to perform maintenance of tools and equipment

17:00 Secured for the day

IMPORTANT PHONE CALLS/DECISIONS: None

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: Sun and Clouds mixed, High 74F, Winds SE @ 5-10mph

VISITORS ON SITE: N/A

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Frank Loney, Norm Piper, Alfred Smith, Jake Clements, Frank Montes, Mark Soha

SIGNATURE:

DATE: 8/2/10

TETRA TECH NUS, INC.

MEC FIELD ACTIVITY DAILY LOG

DATE	8/3/10
SHEET 1 OF 2	

FACILITY NAME: NAS Brunswick **SITE(s)**: Site 12 and FMBW	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1403 and 0000.1402

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED:

Mobilization/Set Preparation: FMBW Establish Transects

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: FMBW, locating anomaly points only at this time, not digging them.

Surface/Subsurface Clearance: Site 12, Trench #12 was started and completed today, 21 feet long X 3 feet wide X 4 feet deep. 425 Lbs of NON-OE scrap was recovered, (mostly old culvert pipes), No MEC/MPPEH was found at this location.

Trenching operations are complete at this time.

Add on Grids L3, L2, and K2 was swept today and no MEC/MPPEH was found.

Data Processing and Interpretation: N/A

Disposal of MEC: N/A

Demobilization: N/A

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED: N/A
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION

DATE	8/3/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

Resumed trenching operations at Site 12, we attacked Trench #12 today the last trench at this Site, at the same time I instructed my GPS Team to return to FMBW Site to finish collecting data on the Transects for that area. With that finished I dispatched personnel to locate more anomaly locations, put flags at these locations, and mag with the White and the Schonstedt to see if they could locate a given anomaly target.

Tomorrow Site 12 should be finished only one more Grid to complete, G1, the rest of the add on Grids were completed today. No MEC/MPPEH was found.

Trenches 7, 8, 11, 12 Lay down areas were re swept to ensure no MEC/MPPEH was uncovered during back fill operations.

Grass seed was broadcast over all trenches and the surrounding areas.

The Tractor with brush hog was transported to FMBW to cut selected areas where the grass was so tall we couldn't see the flags placed at anomaly locations.

IMPORTANT PHONE CALLS/DECISIONS: None

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: Few showers in AM, Isolated thunderstorms in PM, High 77F,Winds S @ 5-10mph, Rain 30%

VISITORS ON SITE: N/A

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Frank Loney, Norm Piper, Alfred Smith, Jake Clements, Frank Montes, Mark Soha

SIGNATURE: Syd Rodgers

DATE: 8/3/10

TETRA TECH NUS, INC.

MEC FIELD ACTIVITY DAILY LOG

DATE	8/4/10
SHEET 1 OF 2	

FACILITY NAME: NAS Brunswick **SITE(s)**: Site 12 and FMBW	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1403, 0000.1402

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED:

Mobilization/Site Preparation: N/A

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: N/A

Surface/Subsurface Clearance: At Site 12 Grid G-1 was started and completed. MEC/MPPEH was encountered, (See Documentation of MEC/MPPEH encountered below)

Grids that passed QC: L3, L2, K2 and G1 (Site 12)

Data Processing and Interpretation: N/A

Disposal of MEC: N/A

Demobilization: N/A

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED:

At Site 12, MEC/MPPEH was encountered in Grid G-1, S12-G1-38, identified the item as a Gator Mine, the item has inert stickers on it and is painted blue, was unable to confirm item completely inert and will treat the item on 8/5/10

LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION

DATE	8/4/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

Started and finished last Grid at Site 12, Grid G-1, MEC/MPPEH was encountered, will treat on 8/5/10

Team moved to FMBW Site to start transects. Transects investigated with the Schonstedt: 1, 2, 3, 4, 5, 6, 8, 9, 10, 12, and 13

(For a list of digs see attached sheet)

Transects investigated with the White: 1, 2 (For list a of digs see attached sheet)

16:00 Secured operations to return tools to Site 12 storage bunker.

17:00 Departed for the day

IMPORTANT PHONE CALLS/DECISIONS: None

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: Partly cloudy, Stray thunderstorm possible in PM, High 85F, Winds SW @ 15-25mph

VISITORS ON SITE: N/A

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Frank Loney, Norm Piper, Alfred Smith, Jake Clements, Frank Montes, Mark Soha

SIGNATURE: Syd Rodgers

DATE: 8/4/10

TETRA TECH NUS, INC.

MEC FIELD ACTIVITY DAILY LOG

DATE	8/5/10
SHEET 1 OF 2	

FACILITY NAME: NAS Brunswick **SITE(s)**: FMBW and Site 12	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1402, 0000.1403

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED:

Mobilization/Set Preparation: N/A

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: Transects 4, 5, 6, 12, 13

Surface/Subsurface Clearance: Transects 4, 5, 6, 12, 13 were completed today at FMBW

Transects passing QC: 1, 2

Data Processing and Interpretation: N/A

Disposal of MEC: Gator Mine that was found in Gird G-1 at Site 12 was successfully vented today, using a donor shaped charge.

Demobilization: N/A

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED: No MEC/MPPEH, encountered today at FMBW

LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION

DATE	8/5/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

Returned to FMBW to continue sweeping transects.

Demo today at Site 12, successfully vented Gator Mine found in Grid G-1, on 8/4/10.

Porta - John relocated from Site 12 to FMBW.

Transferred "Bravo Flag" and road blocks from Site 12 to FMBW.

16:00 Terminated daily operations to return tools and equipment to storage locker for overnight security.

17:00 secured for the day

IMPORTANT PHONE CALLS/DECISIONS: None

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: Variable clouds with scattered showers and thunderstorms in PM, Some severe, High 80F, Winds SSW @5-10mph, Rain 40%

VISITORS ON SITE: N/A

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Frank Loney, Norm Piper, Alfred Smith, Jake Clements, Frank Montes, Mark Soha

SIGNATURE: Syd Rodgers

DATE: 8/5/10

TETRA TECH NUS, INC.

MEC FIELD ACTIVITY DAILY LOG

DATE	8/6/10
SHEET 1 OF 2	

FACILITY NAME: NAS Brunswick **SITE(s)**: FMBW and Site 12	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1402, 0000.1403

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED:

Mobilization/Set Preparation: N/A

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: N/A

Surface/Subsurface Clearance: Site 12, the crew walked and swept the access road three abreast starting at the SW corner of Grid F1 moving North to the SW corner of L2, then crossed the road and proceeded South back to the starting point on the opposite side of the road. This activity completely finishes Site 12. No MEC/MPPEH was found.

For FMBW activities see Description of Daily activities and Events Listed below.

Data Processing and Interpretation: N/A

Disposal of MEC: N/A

Demobilization: N/A

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED: N/A

LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION

DATE	8/6/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

The crew assembled at the Site 12 storage area for daily safety brief, collected tools and equipment and proceeded to FMBW to resume, Transect sweeping and investigations. By COB today all Transects have been completed, and all anomalies encountered have been dug to 1 foot. No MEC/MPPEH has been found so far. All Transects have been QC'd and all have passed.

All target anomalies selected for investigation have been located and a flag has been placed at those Grid Coordinates. Starting Monday 8/9/10 we will start reacquiring and digging the anomalies.

Today all heavy equipment was cleaned as well as possible w/o water (we have no water source) we were told when the equipment was delivered that we should try get as much mud off the tracks as possible for transport down public highways.

Site 12, has been completely finished as of today.

The IVS at Site 12 has been removed and restored to its original condition.

The "Bravo Flag" and all road barriers have been relocated to FMBA.

All Transect data will be transferred to the proper form by Monday, close of business.

SUXOS and Safety Officer performed inventory of explosive magazines

IMPORTANT PHONE CALLS/DECISIONS: None

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: Sunshine to start then few clouds in PM, High 80F, Winds W @ 10-20mph

VISITORS ON SITE: N/A

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Frank Loney, Norm Piper, Alfred Smith, Jake Clements, Frank Montes, Mark Soha

SIGNATURE: Syd Rodgers

DATE: 8/6/10

TETRA TECH NUS, INC.

DATE	8/13/10
SHEET 1 OF 3	

MEC FIELD ACTIVITY DAILY LOG

FACILITY NAME: NAS Brunswick **SITE(s)**: Site 12	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1404

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED:

Mobilization/Set Preparation: N/A

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: N/A

Surface/Subsurface Clearance: N/A

Data Processing and Interpretation: N/A

Disposal of MEC: Demolition Operations Scheduled

Demobilization: Jake Clements demobilized today

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED: N/A
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION

DATE	8/13/10
SHEET 3 OF 3	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

07:00 The crew (SUXOS, UXOQCS/UXOSO, and four UXO Techs) assembled at the Site 12 storage area for the daily Safety Briefing. The SUXOS and the demolition supervisor gave the demo brief, assignments were made and people departed for their specific tasks.

5 multiple demo shots were set up.

All went well. All MPPEH which was identified as potential MDEH, was treated with explosive changes. When approved by the Navy to certify MPPEH, the remaining material will be inspected and certified as MDAS or MDEH, as appropriate. All remaining donor charge material was detonated. No explosive donor charge material remains at the site.

Heavy Equipment has been picked up by United Rentals.

Tractor, weed eaters, chain saw and all associated components have been returned to Taylor Rentals.

Porta-John is scheduled for Pick up 8/16/10.

Mark Soha, Frank Montes, and Frank Loney will de mob 8/14/10. Alfred Smith will de mob 8/16/10, Syd Rodgers and Glen Childers will de mob 8/17/10.

All MPPEH has been inspected again and is now stored in one of our approved magazines. Estimated NEW is less than 20lbs. The second magazine is EMPTY and labeled correctly. The type 2 magazines will remain on site until the next phase of the field work.

On 8/16/10 the storage building we were using for tools and equipment will be cleaned and swept, then returned to NASB.

Most of our tools, equipment and files have been shipped to Mr. Ralph Brooks (UXO Manager) and will arrive early next week; one more trip to Fed-ex on Monday 8/16/10 should finish this phase of the project.

IMPORTANT PHONE CALLS/DECISIONS: None

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: Fog and partly in the AM, High 77F, Winds ESE @ 5-10mph

VISITORS ON SITE: N/A

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Frank Loney, Alfred Smith, Frank Montes, Mark Soha

SIGNATURE:

Syd Rodgers

DATE: 8/13/10

TETRA TECH NUS, INC.

DATE	8/16/10
SHEET 1 OF 2	

MEC FIELD ACTIVITY DAILY LOG

FACILITY NAME: NAS Brunswick **SITE(s)**: Site 12 and FMBW area	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1401

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED:

Mobilization/Set Preparation: N/A

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: N/A

Surface/Subsurface Clearance: N/A

Data Processing and Interpretation: N/A

Disposal of MEC:

Demobilization: Mark Soha, Frank Montes, Frank Loney De Mobbed on 8/14/10, Alfred Smith will De Mob 8/16/10

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED: N/A
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION

DATE	8/16/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

The only activities today are having the Port a John picked up, and making the final trips to Fed- Ex to mail the remaining equipment and files to Ralph Brooks.

We took our locks off the security gates and Mr. Mike Fagan replaced them with his own locks.

SUXOS and Safety Officer will De Mob 8/17/10

Project complete

IMPORTANT PHONE CALLS/DECISIONS: None

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: Fog and partly in the AM, High 77F, Winds ESE @ 5-10mph

VISITORS ON SITE: N/A

PERSONNEL ON SITE: Syd Rodgers, Glen Childers

SIGNATURE:

Syd Rodgers

DATE: 8/16/10

TETRA TECH NUS, INC.

DATE	9/27/10
SHEET 1 OF 2	

MEC FIELD ACTIVITY DAILY LOG

FACILITY NAME: NAS Brunswick **SITE(s)**: Site 12 Area	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1401

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED:

Mobilization/Set Preparation: N/A

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: N/A

Surface/Subsurface Clearance: N/A

Data Processing and Interpretation: N/A

Disposal of MEC: N/A

Demobilization: N/A

MDAS Certification: Inspect MPPEH for explosive contamination

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED: N/A
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION

DATE	9/27/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

All MPPEH was re inspected and certified as MDAS, re sealed and prepared for shipment

IMPORTANT PHONE CALLS/DECISIONS: None

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: 67 F, rain, showers

VISITORS ON SITE: N/A

PERSONNEL ON SITE: Syd Rodgers, Glen Childers

SIGNATURE:

Syd Rodgers

DATE: 9/27/10

TETRA TECH NUS, INC.

DATE	9/28/10
SHEET 1 OF 2	

MEC FIELD ACTIVITY DAILY LOG

FACILITY NAME: NAS Brunswick **SITE(s)**: Site 12 Area	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1401

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED:

Mobilization/Set Preparation: N/A

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: N/A

Surface/Subsurface Clearance: N/A

Data Processing and Interpretation: N/A

Disposal of MEC: N/A

Demobilization: N/A

MDAS Certification: Re inspect and inventory MDAS

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED: N/A
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION

DATE	9/28/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

All MDAS materials were re inspected and this time inventoried. All items were listed on MDAS Addition Form.

IMPORTANT PHONE CALLS/DECISIONS: None

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: 70F, Sunny

VISITORS ON SITE: N/A

PERSONNEL ON SITE: Syd Rodgers, Glen Childers

SIGNATURE:

Syd Rodgers

DATE: 9/28/10

TETRA TECH NUS, INC.

DATE	9/29/10
SHEET 1 OF 2	

MEC FIELD ACTIVITY DAILY LOG

FACILITY NAME: NAS Brunswick **SITE(s)**: Site 12 Area	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1401

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED:

Mobilization/Set Preparation: N/A

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: N/A

Surface/Subsurface Clearance: N/A

Data Processing and Interpretation: N/A

Disposal of MEC: N/A

Demobilization: N/A

MDAS Certification: Prepare, inventory and ship MDAS off Site

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED: N/A
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION

DATE	9/29/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

Locate and rent banding equipment to palletize all MDAS on pallets prior to shipment.

Acquire materials to mark the Quarry for dig permits, as outlined by area map provided by MS. Linda Klink (Project Manager)

IMPORTANT PHONE CALLS/DECISIONS: None

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: 70F, Sunny

VISITORS ON SITE: N/A

PERSONNEL ON SITE: Syd Rodgers, Glen Childers

SIGNATURE:

Syd Rodgers

DATE: 9/29/10

TETRA TECH NUS, INC.

DATE	9/30/10
SHEET 1 OF 2	

MEC FIELD ACTIVITY DAILY LOG

FACILITY NAME: NAS Brunswick **SITE(s)**: Site 12 Area	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1401

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action (Certify and Ship MDAS off Site)

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED:

Mobilization/Set Preparation: N/A

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: N/A

Surface/Subsurface Clearance: N/A

Data Processing and Interpretation: N/A

Disposal of MEC: N/A

Demobilization: N/A

MDAS Certification: Prepare and ship all MDAS off Site

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED: N/A
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION

DATE	9/30/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

Took delivery of R/T fork lift to move Type II Magazines

Palletized MDAS on separate Pallets, Staged pallets at Site 12 (EOD) Range, 4ea Pallets total

Pallet #1 55 Gallon Drum of small items

Pallet #2 MK 82 Bomb

Pallet #3 MK 34 Torpedo

Pallet #4 MK 34 Torpedo Tail Fins

Approximately 16:00 hrs loaded two Type II Magazines onto commercial carrier for shipment off site, copy of BOL was sent to Mr. Ralph Brooks (UXO) Manager

IMPORTANT PHONE CALLS/DECISIONS: None

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS:

VISITORS ON SITE: N/A

PERSONNEL ON SITE: Syd Rodgers, Glen Childers

SIGNATURE:

Syd Rodgers

DATE: 9/30/10

TETRA TECH NUS, INC.

DATE	10/01/10
SHEET 1 OF 2	

MEC FIELD ACTIVITY DAILY LOG

FACILITY NAME: NAS Brunswick **SITE(s)**: Site 12 Area	**PROJECT NO**: 112G02063 **TASK CODES**: 0000.1401

FIELD ACTIVITY SUBJECT: Time Critical MEC Removal Action

SUMMARY OF DAILY PROGRESS:
LIST TRANSECTS AND/OR GRIDS and INSTRUMENTS USED:

Mobilization/Set Preparation: N/A

UXO Escort/Avoidance: N/A

Site-Specific Training/IVS Certification: N/A

Detector Aided Surface Surveys: N/A

Surface/Subsurface Clearance: N/A

Data Processing and Interpretation: N/A

Disposal of MEC: N/A

Demobilization: N/A

MDAS Certification: Prepare and ship all MDAS off Site

DOCUMENTATION OF MEC/MPPEH ENCOUNTERED: N/A
LIST TRANSECT AND/OR GRID, PHOTO ID, AND DESCRIPTION

DATE	10/01/10
SHEET 2 OF 2	

TETRA TECH NUS, INC.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

Marked the boundaries of the Quarry, as per map provided by Project Manager

IMPORTANT PHONE CALLS/DECISIONS: None

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: 70F, showers, Heavy Rain at times

VISITORS ON SITE: N/A

PERSONNEL ON SITE: Syd Rodgers, Glen Childers

SIGNATURE:

Syd Rodgers

DATE: 10/01/10

TETRA TECH
MRP FF.2
DAILY MEC ACTIVITY LOG

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

FIELD ACTIVITY SUBJECT: MEC Time Critical Removal Action	**Date:** 10/22/11
PROJECT NO:112G00645	**TASK CODES:**0000.2204

SUMMARY OF DAILY PROGRESS: (Update Definable Feature of Work – Worksheet 12)

Mobilization/Site Preparation: N/A

Site Survey: N/A

Vegetation Management: Cut 10 ft wide transect on the eastern edge of Grid A-6 and A-7

GPS Positional Data: The Trimble GPS system was checked at the established QC Monuments.

IVS: All instruments were checked for operational status at the IVS, all passed.

Detector Aided Surface Surveys: Conducted Detector Aided Surface Survey on the 10 ft wide transect

Target Reacquisition: N/A

Intrusive Operation: N/A

Donor Explosives Handling/Storage: N/A

MEC Management (Treatment): N/A

MPPEH Management (Inspections): N/A

MPPEH Management (Certification): N/A

MPPEH Management (Disposal): N/A

Demobilization: N/A

Other:

LIST OF MEC ITEMS ID, MPPEH ITEM ID, MDAS, OR NONE
(for documentation see MEC/MPPEH/MDAS Tracking Logs for added details):

Quarry: After the cutting a 10ft wide transect between stake# 54 and stake # 49, 63 flags were placed, the results of the surface survey is 1 Lb of scrap and 1ea piece of MDAS (part of a vary pistol cartridge). The item was measured North from Grid stake # 54 for a distance of 5' and an Easterly direction of 2'. All flags were left in place waiting further guidance.

TETRA TECH
MRP FF.2
DAILY MEC ACTIVITY LOG

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

FIELD ACTIVITY SUBJECT: MEC Time Critical Removal Action	**Date:** 10/22/11

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

Quarry:

07:00 All members of UXO Team assembled at the work site, Safety Officer presented his daily safety briefing and the SUXOS covered the goals to be accomplished today. Team went to work.

The first order of business was to finish cleaning up any mess left in Area B from sweep operations.

After clean-up the team moved to Grid A-6 to complete digging the remaining flags as requested by the Project Manager

Next came the 10ft Transect from Grid stake #54 to Grid stake #49 (see results above)

3 point hitch on tractor broke again, dispatched person to vender for replacement parts.

With the transect completed and Grid # A-6 additional digs finished, the IVS was dug up and transported to Site 12 to be reinstalled. All efforts were directed to moving tools and equipment to Site 12.

Two additional flags were dug in Grid A-6, measured from the SW corner stake.

Flag # 67	N 54.5'	E13.5' (nail, 4oz of frag)
162	N 53.1	E24.1 (horse shoe, small scissors, bottom of slap flare, 8oz scrap)

Site 12: At Site 12 tools and equipment were stored in the personnel shelter, a new IVS location was located and the location was logged on the GPS, the area was cut then cleared. The same items that were used at the old IVS location were planted at the same depth as before, and all instruments were checked.

With all this on going the road barriers and Bravo flags were relocated to site 12 and road blocks were established at all access points.

16:30 All activities were terminated to store tools and equipment and remove road barriers.

17:00 All personnel secured for the day.

IMPORTANT PHONE CALLS/DECISIONS: Conference call with the Project Manager, Personnel in attendance: Linda Klink, Norm Piper and Syd Rodgers. Possible finds in Transect, moving to site 12.

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: Partly to mostly cloudy. High 57F. Winds W @ 5-10mph

VISITORS ON SITE: N/A

PERSONNEL ON SITE: Syd Rodgers, Pete Dummitt, Frank Montes, Shawn Woods, Nick Brantley, James Corder

SIGNATURE: Syd Rodgers	**DATE:** 10/22/11

TETRA TECH
MRP FF.2
DAILY MEC ACTIVITY LOG

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

TETRA TECH
MRP FF.2
DAILY MEC ACTIVITY LOG

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

FIELD ACTIVITY SUBJECT: MEC Time Critical Removal Action	Date: 10/23/11
PROJECT NO:112G00645	**TASK CODES:**0000.2204

SUMMARY OF DAILY PROGRESS: (Update Definable Feature of Work – Worksheet 12)

Mobilization/Site Preparation: N/A

Site Survey: Mapped out the wetlands at Site 12, to coincide with the GPS files

Vegetation Management: N/A

GPS Positional Data: The Trimble GPS system was checked at the established QC Monuments.

IVS: All instruments were checked for operational status at the IVS, all passed.

Detector Aided Surface Surveys: N/A

Target Reacquisition: N/A

Intrusive Operation: N/A

Donor Explosives Handling/Storage: N/A

MEC Management (Treatment): N/A

MPPEH Management (Inspections): N/A

MPPEH Management (Certification): N/A

MPPEH Management (Disposal): N/A

Demobilization: N/A

Other:

LIST OF MEC ITEMS ID, MPPEH ITEM ID, MDAS, OR NONE
(for documentation see MEC/MPPEH/MDAS Tracking Logs for added details):

No MEC or MPPEH was found today

TETRA TECH
MRP FF.2
DAILY MEC ACTIVITY LOG

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

FIELD ACTIVITY SUBJECT: MEC Time Critical Removal Action	Date: 10/23/11

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

07:00 All members of UXO Team assembled at the work site, Safety Officer presented his daily safety briefing and the SUXOS covered the goals to be accomplished today. Team went to work.

The goal today was to map out the wetlands area with stakes to identify the area that requires cutting prior to the surface sweep. By COB, Two major areas have been located by stakes. The area at the base of the hill that was not done during prior investigations and the area to the West of perimeter road. The other smaller area that require mapping will be done at a later date.

16:30 Terminated field activities.

17:00 Team secured for the day.

IMPORTANT PHONE CALLS/DECISIONS: Conference call with the Project Manager, Personnel in attendance:

Linda Klink, Norm Piper and Syd Rodgers. Discussed the results of the additional transect at the Quarry site along with the MDAS that was found and the two additional flags that were excavated and their results to include the MDAS found there also. Ms. Klink informed the Site Manager and the SUXOS she would speak with the Navy how to proceed with MDAS outside of the initial boundary

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: Plentiful sunshine. High 57F. Winds light and variable

VISITORS ON SITE: N/A

PERSONNEL ON SITE: Syd Rodgers, Pete Dummitt, Frank Montes, Shawn Woods, Nick Brantley, James Corder

SIGNATURE: Syd Rodgers	**DATE:** 10/23/11

TETRA TECH
MRP FF.2
DAILY MEC ACTIVITY LOG

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

FIELD ACTIVITY SUBJECT: MEC Time Critical Removal Action	**Date:**_10/24/11
PROJECT NO:112G00645	**TASK CODES:**0000.2204

SUMMARY OF DAILY PROGRESS: (Update Definable Feature of Work – Worksheet 12)

Mobilization/Site Preparation: N/A

Site Survey: N/A

Vegetation Management: Cutting wetlands at Site 12

GPS Positional Data: The Trimble GPS system was checked at the established QC Monuments.

IVS: All instruments were checked for operational status at the IVS, all passed.

Detector Aided Surface Surveys: N/A

Target Reacquisition: N/A

Intrusive Operation: N/A

Donor Explosives Handling/Storage: N/A

MEC Management (Treatment): N/A

MPPEH Management (Inspections): N/A

MPPEH Management (Certification): N/A

MPPEH Management (Disposal): N/A

Demobilization: N/A

Other:

LIST OF MEC ITEMS ID, MPPEH ITEM ID, MDAS, OR NONE
(for documentation see MEC/MPPEH/MDAS Tracking Logs for added details):

No MEC or MPPEH was seen or recovered today

TETRA TECH
MRP FF.2
DAILY MEC ACTIVITY LOG

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

FIELD ACTIVITY SUBJECT: MEC Time Critical Removal Action	**Date:**_10/24/11
PROJECT NO:112G00645	**TASK CODES:**0000.2204

SUMMARY OF DAILY PROGRESS: (Update Definable Feature of Work – Worksheet 12)

Mobilization/Site Preparation: N/A

Site Survey: N/A

Vegetation Management: Cutting wetlands at Site 12

GPS Positional Data: The Trimble GPS system was checked at the established QC Monuments.

IVS: All instruments were checked for operational status at the IVS, all passed.

Detector Aided Surface Surveys: N/A

Target Reacquisition: N/A

Intrusive Operation: N/A

Donor Explosives Handling/Storage: N/A

MEC Management (Treatment): N/A

MPPEH Management (Inspections): N/A

MPPEH Management (Certification): N/A

MPPEH Management (Disposal): N/A

Demobilization: N/A

Other:

LIST OF MEC ITEMS ID, MPPEH ITEM ID, MDAS, OR NONE
(for documentation see MEC/MPPEH/MDAS Tracking Logs for added details):

No MEC or MPPEH was seen or recovered today

TETRA TECH
MRP FF.2
DAILY MEC ACTIVITY LOG

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

FIELD ACTIVITY SUBJECT: MEC Time Critical Removal Action	**Date:** 10/24/11

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

07:00 All members of UXO Team assembled at the work site, Safety Officer presented his daily safety briefing and the SUXOS covered the goals to be accomplished today. Team went to work.

Today the team spent the day cutting wetlands at Site 12 (good progress).

SUXOS and Safety located the trash piles (mostly construction debris) at the North end of Site 12 that will require a surface sweep towards the end of the project.

16:30 Terminated cutting activities for maintenance of tools and equipment.

17:00 Crew secured for the day.

IMPORTANT PHONE CALLS/DECISIONS: Conference call with the Project Manager, Personnel in attendance:

Linda Klink, Norm Piper and Syd Rodgers. Discussed Site 12 progress, Ms. Klink informed me getting the dig locations in Area B at the Quarry Site would be one of her staff's top priorities, was informed the escort requirement that was scheduled for Thursday was postponed until next week.

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: Mainly cloudy. Few sprinkles possible. High 58F. Winds SE@5-10mph

VISITORS ON SITE: N/A

PERSONNEL ON SITE: Syd Rodgers, Pete Dummitt, Frank Montes, Shawn Woods, Nick Brantley, James Corder

SIGNATURE: Syd Rodgers Syd Rodgers	**DATE:** 10/24/11

TETRA TECH
MRP FF.2
DAILY MEC ACTIVITY LOG

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

FIELD ACTIVITY SUBJECT: MEC Time Critical Removal Action	**Date:** 10/25/11

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

07:00 All members of UXO Team assembled at the work site, Safety Officer presented his daily safety briefing and the SUXOS covered the goals to be accomplished today. Team went to work.

UXO Team resumed operations in the wetlands at Site 12, this was the main focus for the day. (Making good progress).

Dispatched one team member to Portland Maine to switch rental vehicles, the rental company wanted our P/U back.

The porta Jon was relocated from the Quarry to Site 12

Dispatched one team member to rental vender to install different cutting head for one of the brush cutters to cut grass more efficiently.

16:30 Terminated cutting activities.

17:00 Team secured for the day.

IMPORTANT PHONE CALLS/DECISIONS: Conference call with the Project Manager, Personnel in attendance:

Linda Klink, Norm Piper and Syd Rodgers. Discussed hand digs at Area B at the Quarry, decided to finish working at Site 12 today and move to Area B tomorrow. All flags to be excavated. Discussed the possibility of additional work in Area A to define the perimeter and the extent of contamination.

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: Partly cloudy. High 56F. Winds WNW@10-20mph

VISITORS ON SITE: N/A

PERSONNEL ON SITE: Syd Rodgers, Pete Dummitt, Frank Montes, Shawn Woods, Nick Brantley, James Corder

SIGNATURE: Syd Rodgers	**DATE:** 10/25/11

TETRA TECH
MRP FF.2
DAILY MEC ACTIVITY LOG

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

FIELD ACTIVITY SUBJECT: MEC Time Critical Removal Action	**Date:** 10/25/11
PROJECT NO:112G00645	**TASK CODES:**0000.2204

SUMMARY OF DAILY PROGRESS: (Update Definable Feature of Work – Worksheet 12)

Mobilization/Site Preparation: N/A

Site Survey: N/A

Vegetation Management: Cutting continued in the wetlands at Site 12

GPS Positional Data: The Trimble GPS system was checked at the established QC Monuments.

IVS: All instruments were checked for operational status at the IVS, all passed.

Detector Aided Surface Surveys: N/A

Target Reacquisition: N/A

Intrusive Operation: N/A

Donor Explosives Handling/Storage: N/A

MEC Management (Treatment): N/A

MPPEH Management (Inspections): N/A

MPPEH Management (Certification): N/A

MPPEH Management (Disposal): N/A

Demobilization: N/A

Other:

LIST OF MEC ITEMS ID, MPPEH ITEM ID, MDAS, OR NONE
(for documentation see MEC/MPPEH/MDAS Tracking Logs for added details):

No MEC or MPPEH was seen or recovered today

TETRA TECH
MRP FF.2
DAILY MEC ACTIVITY LOG

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

FIELD ACTIVITY SUBJECT: MEC Time Critical Removal Action	**Date:** 10/25/11

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

07:00 All members of UXO Team assembled at the work site, Safety Officer presented his daily safety briefing and the SUXOS covered the goals to be accomplished today. Team went to work.

UXO Team resumed operations in the wetlands at Site 12, this was the main focus for the day. (Making good progress).

Dispatched one team member to Portland Maine to switch rental vehicles, the rental company wanted our P/U back.

The porta Jon was relocated from the Quarry to Site 12

Dispatched one team member to rental vender to install different cutting head for one of the brush cutters to cut grass more efficiently.

16:30 Terminated cutting activities.

17:00 Team secured for the day.

IMPORTANT PHONE CALLS/DECISIONS: Conference call with the Project Manager, Personnel in attendance:

Linda Klink, Norm Piper and Syd Rodgers. Discussed hand digs at Area B at the Quarry, decided to finish working at Site 12 today and move to Area B tomorrow. All flags to be excavated. Discussed the possibility of additional work in Area A to define the perimeter and the extent of contamination.

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: Partly cloudy. High 56F. Winds WNW@10-20mph

VISITORS ON SITE: N/A

PERSONNEL ON SITE: Syd Rodgers, Pete Dummitt, Frank Montes, Shawn Woods, Nick Brantley, James Corder

SIGNATURE: Syd Rodgers	**DATE:** 10/25/11

TETRA TECH
MRP FF.2
DAILY MEC ACTIVITY LOG

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

FIELD ACTIVITY SUBJECT: MEC Time Critical Removal Action	**Date:** 10/26/11
PROJECT NO:112G00645	**TASK CODES:**0000.2204

SUMMARY OF DAILY PROGRESS: (Update Definable Feature of Work – Worksheet 12)

Mobilization/Site Preparation: N/A

Site Survey: N/A

Vegetation Management: N/A

GPS Positional Data: The Trimble GPS system was checked at the established QC Monuments.

IVS: All instruments were checked for operational status at the IVS, all passed.

Detector Aided Surface Surveys: The Schonstedt GA 52cx was used to pinpoint target locations in Area B

Target Reacquisition: At the Quarry (Area B)

Intrusive Operation: At the Quarry (Area B)

Donor Explosives Handling/Storage: N/A

MEC Management (Treatment): N/A

MPPEH Management (Inspections): N/A

MPPEH Management (Certification): N/A

MPPEH Management (Disposal): N/A

Demobilization: N/A

Other:

LIST OF MEC ITEMS ID, MPPEH ITEM ID, MDAS, OR NONE
(for documentation see MEC/MPPEH/MDAS Tracking Logs for added details):

Area B excavations: Flag #F4-20 produced 1ea small piece of MDAS (small component of an unknown fuze) the item was placed in the MDAS container for later shipment off site.

TETRA TECH
MRP FF.2
DAILY MEC ACTIVITY LOG

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

FIELD ACTIVITY SUBJECT: MEC Time Critical Removal Action	**Date:** 10/26/11

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

07:00 All members of UXO Team assembled at Site 12 work site, Safety Officer presented his daily safety briefing and the SUXOS covered the goals to be accomplished today. Team went to work.

GPS and Schonstedts were checked and verified at Site 12

Team assembled all tools and equipment needed for intrusive operations and departed for the Quarry to conduct target reacquisition at Area B.

The team spent the day digging contacts at Area B only recovering 1ea small piece of MDAS at Flag #20.

15:45 Terminated digging activities at Area B, Area B is complete. Team assembled tools and equipment that will be turned into local vender for maintenance during our 4 day break.

16:20 elements of the UXO team were dispatched to local vender for turn in of equipment. During this time the remainder of the crew cleaned up the site, took down the road barriers and performed regular housekeeping operations prior to long weekend.

17:00 All personnel secured for the day. Will return to work 10/31/11.

IMPORTANT PHONE CALLS/DECISIONS: Conference call with the Project Manager, Personnel in attendance:

Erica Love, Norm Piper and Syd Rodgers. Discussed digs in Area B, (what we were finding etc.) also the additional digs for Area A to be entered on Area A dig sheet. If time remained after Area B, team will return to Site 12 to resume cutting the wetlands. Ms. Love requested the submittal of the dig sheet for Area B as soon as possible so decisions can be made to do additional digs or not.

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: Cloudy with few showers. High 53F. Winds W@5-10mph. Rain 30%

VISITORS ON SITE: N/A

PERSONNEL ON SITE: Syd Rodgers, Pete Dummitt, Frank Montes, Shawn Woods, Nick Brantley, James Corder

SIGNATURE: Syd Rodgers	**DATE:** 10/26/11

TETRA TECH
MRP FF.2
DAILY MEC ACTIVITY LOG

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

FIELD ACTIVITY SUBJECT: MEC Time Critical Removal Action	**Date:** 11/01/11
PROJECT NO:112G00645	**TASK CODES:**0000.2204

SUMMARY OF DAILY PROGRESS: (Update Definable Feature of Work – Worksheet 12)

Mobilization/Site Preparation: N/A

Site Survey: N/A

Vegetation Management: Continued cutting efforts at Site 12 (the wetlands) completed

GPS Positional Data: The Trimble GPS system was checked at the established QC Monuments.

IVS: All instruments were checked for operational status at the IVS, all passed.

Detector Aided Surface Surveys: was conducted at two small areas, one area was east of the existing demo pit and the second area was at the SE corner of the range along the fence line.

Target Reacquisition: N/A

Intrusive Operation: N/A

Donor Explosives Handling/Storage: N/A

MEC Management (Treatment): N/A

MPPEH Management (Inspections): N/A

MPPEH Management (Certification): N/A

MPPEH Management (Disposal): N/A

Demobilization: N/A

Other:

LIST OF MEC ITEMS ID, MPPEH ITEM ID, MDAS, OR NONE
(for documentation see MEC/MPPEH/MDAS Tracking Logs for added details):

No MEC or MDAS was seen or recovered today
The small site to the east of the demo pit encountered 41 contacts with the White and 29 contacts with the Schonstedt
The small site at the SE corner of the range encountered 7 contacts with the White and 7 contacts with the schonstedt

TETRA TECH
MRP FF.2
DAILY MEC ACTIVITY LOG

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

FIELD ACTIVITY SUBJECT: MEC Time Critical Removal Action	**Date:** 11/01/11

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

07:00 All members of UXO Team assembled at Site 12 work site, Safety Officer presented his daily safety briefing and the SUXOS covered the goals to be accomplished today. Team went to work.

Approximately 09:00 hrs was notified by the PM (Ms. Linda Klink), a contractor while clearing a culvert pipe at the golf course noticed what he thought was a bomb located near the culvert. Ms. Klink requested we (in good faith) respond to the contractor's location to identify the item and its condition. Mr. Pete Dumitt (Safety QC Officer) was dispatched to that location and reported that indeed there was a 100 Lb practice bomb (sand filled) that was broken open on the surface. The fuze and spotting charge were missing and to consider the item as MDAS. Pictures were taken and the GPS location was logged, prior to leaving the area the item was marked with caution tape to aid in the recovery at a later date. Mr. Norm Piper (Site Manager) was tasked with the appropriate notifications to the Navy. Team returned to normal operations.

At COB all wetlands have been cut and sweep operations will resume 11/02/11

16:30 Field operations were terminated to perform maintenance of tools and equipment

17:00 All personnel secured for the day

IMPORTANT PHONE CALLS/DECISIONS: Conference call with the Project Manager, Personnel in attendance:

Linda Klink, Erica Love, Norm Piper and Syd Rodgers. Discussed progress of cutting efforts, requirement for UXO escort to CH2MHill during fence construction. Notification requirements to the Navy pertaining to the 100Lb bomb located at the golf course.

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: Sun and clouds mixed. High 51F. Winds light and variable

VISITORS ON SITE: N/A

PERSONNEL ON SITE: Syd Rodgers, Pete Dummitt, Frank Montes, Shawn Woods, Nick Brantley, James Corder

SIGNATURE: Syd Rodgers	**DATE:** 11/01/11

TETRA TECH
MRP FF.2
DAILY MEC ACTIVITY LOG

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

FIELD ACTIVITY SUBJECT: MEC Time Critical Removal Action	**Date:** 11/02/11
PROJECT NO:112G00645	**TASK CODES:**0000.2204

SUMMARY OF DAILY PROGRESS: (Update Definable Feature of Work – Worksheet 12)

Mobilization/Site Preparation: N/A

Site Survey: The area known as the steep rock face was located incorrectly on the map we were issued. Based upon my experience of being on this site for numerous years in a row the rock face that needs to be visually swept is in fact on the other side of the range. This area was staked and the GPS locations recorded. Also the area to the North of the range (3 grids) where it was reported that possible UXO was seen was also staked for later surface visual sweep.

Vegetation Management: N/A

GPS Positional Data: The Trimble GPS system was checked at the established QC Monuments.

IVS: All instruments were checked for operational status at the IVS, all passed.

Detector Aided Surface Surveys: Surface Survey was performed at the bottom of the hill, this area is the largest of all wetlands areas, approximately ½ of this area was swept and QC'd today

Target Reacquisition: N/A

Intrusive Operation: N/A

Donor Explosives Handling/Storage: N/A

MEC Management (Treatment): N/A

MPPEH Management (Inspections): N/A

MPPEH Management (Certification): N/A

MPPEH Management (Disposal): N/A

Demobilization: N/A

Other: Energetic materials were ordered today to dispose of MPPEH that was recovered at the Quarry Site.

LIST OF MEC ITEMS ID, MPPEH ITEM ID, MDAS, OR NONE
(for documentation see MEC/MPPEH/MDAS Tracking Logs for added details):

No MEC or MDAS was seen or recovered today
The wetlands area located between grids H-6 and H-7 had 20 Schonstedt contacts and 10 White contacts
The wetlands area located in grid I-6 had 5 Schonstedt contacts and 4 White contacts
The largest wetlands area located between grid H-5 and H-6 had 65 Schonstedt contacts and 82 White contacts.

TETRA TECH
MRP FF.2
DAILY MEC ACTIVITY LOG

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

FIELD ACTIVITY SUBJECT: MEC Time Critical Removal Action	**Date:** 11/02/11

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

07:00 All members of UXO Team assembled at Site 12 work site, Safety Officer presented his daily safety briefing and the SUXOS covered the goals to be accomplished today. Team went to work.

Starting at the East side of the wetlands located at the bottom of the hill, approximately ½ of this area was swept today and passed QC. The team requested that due to standing in ice cold water for hours at a time they be authorized to do only half the area and finish tomorrow. The request was granted by the SUXOS. During sweep operations, the team also located a seed item that had been placed by the QC Officer.

At approximately 15:30 hrs the SUXOS received a call from the Site Manager stating that it was confirmed by the Navy that we should take charge of the 100Lb practice bomb that we responded to on 11/01/11. My Team leader along with one Tech was dispatched to that location to recover the item. I received a call from the Team leader stating that the bomb had been removed from that location by unknown persons. The team returned to work, and the SUXOS contacted the Site Manager to inform him of the missing item and to make the appropriate notifications.

Notified the PM and Site Manager that selected personnel would start the demob process on Saturday, keeping three personnel on site for demolition operations early next week when explosive materials arrive.

16:30 Terminated field activities

17:00 UXO Team secured for the day

IMPORTANT PHONE CALLS/DECISIONS: Conference call with the Project Manager, Personnel in attendance:

Linda Klink, Erica Love, Norm Piper and Syd Rodgers. Discussed progress update, should be finished by Saturday 11/05/11 at the latest. Talked about me (SUXOS) staying behind to act as escort for CH2MHill constructing a fence around the Quarry. Discussed the SUXOS acting as escort for State Regulators visit on Friday 11/04/11, in the absence of the PM.

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: Some clouds in AM turning to generally sunny in PM. High 52F. Winds light and variable

VISITORS ON SITE: N/A

PERSONNEL ON SITE: Syd Rodgers, Pete Dummitt, Frank Montes, Shawn Woods, Nick Brantley, James Corder

SIGNATURE: Syd Rodgers	**DATE:** 11/02/11

TETRA TECH
MRP FF.2
DAILY MEC ACTIVITY LOG

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

FIELD ACTIVITY SUBJECT: MEC Time Critical Removal Action	**Date:** 11/03/11
PROJECT NO:112G00645	**TASK CODES:**0000.2204

SUMMARY OF DAILY PROGRESS: (Update Definable Feature of Work – Worksheet 12)

Mobilization/Site Preparation: N/A

Site Survey: N/A

Vegetation Management: N/A

GPS Positional Data: The Trimble GPS system was checked at the established QC Monuments.

IVS: All instruments were checked for operational status at the IVS, all passed.

Detector Aided Surface Surveys: Were conducted on the remaining wetlands, at this time all wetlands have been cut and swept. The debris piles at the North end of the range have also been walked and visually inspected for any MEC/MPPEH and none was found.

Target Reacquisition: N/A

Intrusive Operation: N/A

Donor Explosives Handling/Storage: N/A

MEC Management (Treatment): N/A

MPPEH Management (Inspections): N/A

MPPEH Management (Certification): N/A

MPPEH Management (Disposal): N/A

Demobilization: N/A

Other: N/A

LIST OF MEC ITEMS ID, MPPEH ITEM ID, MDAS, OR NONE
(for documentation see MEC/MPPEH/MDAS Tracking Logs for added details):

No MEC or MDAS was seen or recovered today

TETRA TECH
MRP FF.2
DAILY MEC ACTIVITY LOG

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

FIELD ACTIVITY SUBJECT: MEC Time Critical Removal Action	**Date:** 11/03/11

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

07:00 All members of UXO Team assembled at Site 12 work area, Safety Officer presented his daily safety briefing and the SUXOS covered the goals to be accomplished today. Team went to work.

The crew assembled their tools and equipment and resumed sweeping operations in the wetlands. The team first finished the area at the bottom of the hill and then moved into the area West of the range perimeter road, this area was completed.

After a short warm up break, the team moved to the North end of the range to tackle the debris pile areas. This area as shown on the map was a three grid area. The area was walked and visually inspected for MEC/MPPEH. None was found. The Schonstedt and the White were of no help in this area because all the construction debris, (reinforced concrete and rebar covered a large portion of the area)

The only task that remains is the visual sweep of the steep rock face located on the West side of the range that cannot be safely swept using conventional methods.

After the visual sweep the rest of the day will be spent cleaning tools and equipment, containerizing equipment for offsite shipment, and returning rented equipment back to local vendors, pulling all stakes used during this project and general housekeeping prior to demobilization.

Selected members of the team will demob on Saturday 11/5/11, the remaining members of the team will demob after demolition operations early next week, leaving only the SUXOS to remain as escort for the construction of a fence around the Quarry.

16:30 Terminated all field activities

17:00 Team secured for the day

IMPORTANT PHONE CALLS/DECISIONS: Conference call with the Project Manager, Personnel in attendance:

Linda Klink, Erica Love, Norm Piper and Syd Rodgers. Informed PM and Site Manager that we would be finish with this project NLT Saturday. Discussed fence construction at the Quarry, also the escort of State Regulators during their visit 11/4/11.

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: Partly to mostly cloudy. High near 55F. Winds SSW@5-10mph

VISITORS ON SITE: N/A

PERSONNEL ON SITE: Syd Rodgers, Pete Dummitt, Frank Montes, Shawn Woods, Nick Brantley, James Corder

SIGNATURE: Syd Rodgers	**DATE:** 11/03/11

TETRA TECH
MRP FF.2
DAILY MEC ACTIVITY LOG

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

FIELD ACTIVITY SUBJECT: MEC Time Critical Removal Action	**Date:** 11/04/11
PROJECT NO:112G00645	**TASK CODES:**0000.2204

SUMMARY OF DAILY PROGRESS: (Update Definable Feature of Work – Worksheet 12)

Mobilization/Site Preparation: N/A

Site Survey: N/A

Vegetation Management: N/A

GPS Positional Data: The Trimble GPS system was checked at the established QC Monuments.

IVS: All instruments were checked for operational status at the IVS, all passed.

Detector Aided Surface Surveys: N/A

Target Reacquisition: N/A

Intrusive Operation: N/A

Donor Explosives Handling/Storage: N/A

MEC Management (Treatment): N/A

MPPEH Management (Inspections): N/A

MPPEH Management (Certification): N/A

MPPEH Management (Disposal): N/A

Demobilization: N/A

Other: Steep rock face that could not be safely swept using conventional methods was visually inspected with binoculars by all personnel. Uxo escort operations were performed.

LIST OF MEC ITEMS ID, MPPEH ITEM ID, MDAS, OR NONE
(for documentation see MEC/MPPEH/MDAS Tracking Logs for added details):

No MEC or MDAS was seen or recovered today

TETRA TECH
MRP FF.2
DAILY MEC ACTIVITY LOG

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

FIELD ACTIVITY SUBJECT: MEC Time Critical Removal Action	**Date:** 11/04/11

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

07:00 All members of UXO Team assembled at Site 12 work area, Safety Officer presented his daily safety briefing and the SUXOS covered the goals to be accomplished today. Team went to work.

After briefings the team leader was issued binoculars with instructions for each member of the team to visually sweep the rock face on the West side of the range for UXO materials.

The rest of the day was spent cleaning tools and equipment, turning in equipment while SUXOS and Safety Officer performed escort duties for Federal and State Regulators.

Upon their departure the Regulators seemed satisfied with what they observed and our explanations

Three personnel will demob the site on 11/05/11

11/05/11 SUXOS, Safety Officer and the Team Leader will remain on site to complete field operations and prepare for demo on Monday.

17:00 Team secured for the day.

IMPORTANT PHONE CALLS/DECISIONS: Conference call with the Project Manager, Personnel in attendance:

Linda Klink, Erica Love, Norm Piper and Syd Rodgers. Regulators visit, conference calls will still be scheduled next week during fence construction, demob of selected personnel, and demo on Monday.

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: Mostly sunny. High 46F. Winds NNW@10-20mph

VISITORS ON SITE: Bob LeClerc (Navy CSO), Steve Dakin (Navy CSO),Mike Daly (USEPA), Bill Barden(USEPA),Chuck Race (Tetra Tech), Chris Evans(MEDEP), Claudia Sait(MEDEP)

PERSONNEL ON SITE: Syd Rodgers, Pete Dummitt, Frank Montes, Shawn Woods, Nick Brantley, James Corder

SIGNATURE: Syd Rodgers	**DATE:** 11/04/11

TETRA TECH
MRP FF.2
DAILY MEC ACTIVITY LOG

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

FIELD ACTIVITY SUBJECT: MEC Time Critical Removal Action	**Date:** 11/05/11
PROJECT NO:112G00645	**TASK CODES:**0000.2204

SUMMARY OF DAILY PROGRESS: (Update Definable Feature of Work – Worksheet 12)

Mobilization/Site Preparation: N/A

Site Survey: N/A

Vegetation Management: N/A

GPS Positional Data: N/A

IVS: N/A

Detector Aided Surface Surveys: N/A

Target Reacquisition: N/A

Intrusive Operation: N/A

Donor Explosives Handling/Storage: N/A

MEC Management (Treatment): N/A

MPPEH Management (Inspections): N/A

MPPEH Management (Certification): N/A

MPPEH Management (Disposal): N/A

Demobilization: Nick Brantley, Shaun Woods, and James Corder to demob today

Other: Continued the clean up and shipping process

LIST OF MEC ITEMS ID, MPPEH ITEM ID, MDAS, OR NONE
(for documentation see MEC/MPPEH/MDAS Tracking Logs for added details):

N/A

TETRA TECH
MRP FF.2
DAILY MEC ACTIVITY LOG

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

FIELD ACTIVITY SUBJECT: MEC Time Critical Removal Action	**Date:** 11/05/11

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

07:00 Remaining team members assembled at Site 12 work area, Safety Officer presented his daily safety briefing and the SUXOS covered the goals to be accomplished today. We all went about our assigned tasks.

A couple of trips had to be made to Bath Me. (the closest fed-ex shipping location) to ship tools and equipment.

All tools and equipment has been shipped off site except 1ea Schonstedt that will be used for escort duty for the fence that is to be constructed around the Quarry.

12:00 Personnel secured for the day

IMPORTANT PHONE CALLS/DECISIONS: N/A

FIELD TASK MODIFICATIONS: N/A

WEATHER CONDITIONS: Sunny. High 48F. Winds N@5-10mph

VISITORS ON SITE: N/A

PERSONNEL ON SITE: Syd Rodgers, Pete Dummitt, Frank Montes

SIGNATURE: Syd Rodgers	**DATE:** 11/05/11

A.3 VISITOR LOGS

TETRA TECH NUS, INC.

VISITERS LOG

NAS BRUNSWICK, BRUNSWICK, MAINE

DATE	PRINT NAME	SIGNATURE	ORGANIZATION	PHONE #
6/15/10	JAMES E. BELKNAP	[illegible]	PW Lockshop	921-1757
6/15/10	A. J ANDREAU	[illegible]	ONTARGET	215-6345
6/15/10	Joseph Roberts	J. Roberts	Safety	X1313
6/15/10	do HO GARY	[illegible]	Security	X2790
6/15/10	Ron Tuttle	[illegible]	NAS XO	X2200
6/15/10	BK HALL	[illegible]	NASB ESO	X1319
6/15/10	MICHAEL FAGAN	[illegible]	NASB ENVIRONMENTAL	X1717
6/15	JOHN RIPLEY	[illegible]	" RSO	X2000
6/21	Thomas Douglas	[illegible]	NAVEOD TD	301-266-9022
6/21	ARNOLD BURR	[illegible]	NAVEOD TD	301-461-7767
6/22	THOMAS Douglas	[illegible]	NAVEOD TD	301-266 9022
6/22	ARNOLD BURR	[illegible]	"	301-461 7767
6/30	Thomas Smith	[illegible]	FD	2503
6/30	John Wilson	[illegible]	FD	2503
6/30	Kipp Dombrowski	[illegible]	FD	2503

TETRA TECH NUS, INC.

VISITORS LOG

NAS BRUNSWICK, BRUNSWICK, MAINE

DATE	PRINT NAME	SIGNATURE	ORGANIZATION	PHONE #
6/30	RANDALL MORIN		FIRE DEPT	921-2666
6/30	RAMON LIMON		FD	562 632-6996
7/5	James Rossi		ATL Office	707 845-6046
7/7/10	DOUGLAS MURRAY		NOSSA	301-744-5630
7/7/10	James Rossi		ATL Office	707 845-6046
7/7/10	BK HALL		NASB/SAFETY ESO	207 921-1319
8/7/10	James Rossi		MRP PM	707 845-6046
7/8/10	DOUG MURRAY		NOSSA	240-461-7350
7/8/10	MICHAEL FAGAN		NASB	207 921 1717
7/14/10	Thomas Smith		FD	921-1619
7/14/10	KIPP DOMBROWSKI		FD	921-1619
7/14/10	LIMON RAMON		FD	921 1619
7-14-10	Dave Renfro		F.D.	921 1619
7-14-10	Scott Lizotte		F.D.	921-1619
7-20-10	RANDALL MORIN		FIRE	2666

TETRA TECH NUS, INC.

VISITORS LOG

NAS BRUNSWICK, BRUNSWICK, MAINE

DATE	PRINT NAME	SIGNATURE	ORGANIZATION	PHONE #
7/20	William Price		FD	x1619
7/20	Mike Nicholas		FD	x1300
7/20	Kipp Dombrowski		FD	x 1619
7/20	PETER A. MOORE	Peter A. Moore	FD	X 1619
7/20	Michael R. Demers		FD	X 1619
7/20	Scott Lizotte		FD	x1619
7/20	Lawrence J Mayer III		FD	x 1619
7/20	LINON RAMON		F.D	X1619
7/21	MICHAEL FAGAN		NASB	207 821 1717
7/21	LINDA KLINK	Linda Klink	TETRA TECH	412-720-1421
7/21	Chris Lilly	Chris Lilly	GLASS PRO	207 590-5591
7/21	Stanley Watts	Stanley Watts	Glass Pro	400-6830
7/21	Jason Sperry		United Rentals	252-5244
7/27	David McGlynn		NASB FD	X1619
7/27	Wayne Lebel		NASB FD	x 1619

TETRA TECH NUS, INC.

VISITORS LOG

NAS BRUNSWICK, BRUNSWICK, MAINE

DATE	PRINT NAME	SIGNATURE	ORGANIZATION	PHONE #
7/27/10	ORTEGA, Miguel		Fire department	
7/27/10	Levesque John		F.Dept	
7/28/10	BRION HALL		SAFETY	
7/28/10	FOARD, STEVEN		NASB	
7/28/10	MICHAEL FAGAN		NASB	
8/05/10	Michael Demers		Fire Dept	
8/5/10	John Wilson		Fire	
8/5/10	Larry Mayu		Fire	
8/5/10	NELSON BARTER		FO	

TETRA TECH NUS, INC.

VISITORS LOG

NAS BRUNSWICK, BRUNSWICK, MAINE

DATE	PRINT NAME	SIGNATURE	ORGANIZATION	PHONE #
8/10/10	Thomas Douglas		NAVEOD TD	301 266-9022
8/11/10	DOUG MURRAY		NOSSA	240-461-7350
8/11/10	Thomas Douglas		NAVEOD TD	See ABOVE
8/12/10	Thomas Douglas		"	"
8/12/10	Larry		Fire	921 1619
8/13/10		Michael R. Demers	Fire	1619
8/13/10	Scott Lizotte		Fire	921-1619
8/13/10	Nelson Barter		Fire	921-1619
8-13-10	Bill Pope		Fire	" "
8/13/10	MICHAEL FAGAN		NASB	207 921 1717

TETRA TECH

MRP FF.4
VISITOR'S LOG

Facility/Location: Former NAS Brunswick, ME

Site(s): Quarry and Site 12

DATE	Time In	Time Out	PRINT NAME	SIGNATURE	ORGANIZATION	PHONE #	RAC
26 SEPT	10:00	10:30	ROBERT LECLERC		NAVY	406-2290	5
29 SEPT 11	11:00	11:12	MITCHELL MILLER		USCG	207-778-3724	5
9/29/11	11:00	11:12	Stephen Gaudet		Firehouse Property	207 415 5751	5
10-3-11	10:45	1730	MEG HASKELL	Meg Haskell	ROBB SPIVEY SURVEYING	207 721 0511	5
10-3/11	1045	1730	PAUL KRAKAUKER	Paul Krakauker	R. SPIVEY SURVEY/MA	207-721-0511	5
10-3/11	1045	1055	MIKE BRAUN		NAVY	207 406 2288	5
10/11/11	0530	1500	Ralph Brooks	Ralph Brooks	NAVY	404-661-4916	4
10/11/11	0763	1400	Chris Rose		CH2M H.I.L	256-426-5345	4
10/18/11	1000	1030	ROBERT LECLERC		NAVY	207 406-2296	5
11/4/11	1000	1030	ROBERT LECLERC		NAVY CSO	207 406 2290	5
11/4/11	1000		STEPHEN DAKIN	Stephen Dakin	NAVY CSO	207-406 2289	5
11/4	9:50		Mike Daly	Mike Daly	USEPA	617-918-1386	5
11/4	9:50		Bill Bandon		US EPA	617-918-1391	5
11/4	9:50		Chuck Race		Tetra Tech	978-474-8437	5
11/4	0950		Chris Evans	Chris Evans	MEDEP	207 287 7656	5

TETRA TECH

MRP FF.4
VISITOR'S LOG

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

DATE	Time		PRINT NAME	SIGNATURE	ORGANIZATION	PHONE #	RAC
	In	Out					
11/4/11	9:53		Claudia Sait	Claudia Sait	MEDEP	207 287-7717	5

Last Revised: 3/31/2011

A.4 DIG SAFE PERMITS - UTILITY CLEARANCE

Naval Air Station Brunswick, Maine

EXCAVATION CLEARANCE PERMIT

Office use only:

DIG PERMIT # 090034

Updated 17 June 2008

1. CLEARANCE IS REQUESTED TO PROCEED WITH WORK FOR SERVICE CALL, WORK REQUEST, OR CONTRACT NUMBER INVOLVING EXCAVATION OR UTILITY DISTURBANCE. Environmental Survey

2. INSTRUCTION:

THE EXCAVATION CLEARANCE REQUEST IS USED FOR ANY WORK THAT MAY DISRUPT BASE UTILITY SERVICES AND PROTECTION PROVIDED BY FIRE OR INTRUSION ALARM SYSTEMS. THE EXCAVATION CLEARANCE IS PROCESSED PRIOR TO THE START OF WORK. IF DELAYS ARE ENCOUNTERED OR THE JOB SITE CONSTRUCTION CHANGES, THIS CLEARANCE MUST BE REPROCESSED.

NOTE: ANY DISCREPANCY BETWEEN THE ATTACHED DRAWING AND ACTUAL CONDITIONS MUST BE NOTED ON THE ATTACHED DRAWING AND RETURNED WITH THIS FORM TO PUBLIC WORKS FMED.

CONTACT PW ENGINEERING AT 921-2621 WITHIN 24 HOURS OF EXCAVATION COMPLETION TO REPORT ALL CONDITIONS NORMAL OR ANY DISCREPANCIES.

3. ADDITIONAL INFORMATION & REQUIREMENTS:

A: ALL KNOWN UTILITIES ARE SHOWN ON ATTACHED DRAWING

B: HAND DIG WITHIN FIVE (5) FEET OF ESTIMATED POSITION

C: REQUESTING PERSON(S) MUST CONTACT MECHANICAL SHOP (SHOP 42) AND ELECTRICAL SHOP (SHOP 41) TO SCHEDULE VISITS BY SHOP SUPERVISORS

D: REQUESTING PERSON(S) MUST CONTACT STAN NOCK (921-2467) OF MECHANICAL SHOP 24 HOURS PRIOR TO EXCAVATION

E: REQUESTING PERSON(S) MUST CONTACT DIG SAFE TO LOCATE PHONE LINES

F: Excavation MUST start within 30 days of issue of this Dig Permit. Good for life of project or until 30 days of inactivity on project.

4. DATE WORK SCHEDULED	5. REQUESTING SHOP/CONTRACTOR	6. PROJECT SUPERVISOR
June 7 / 2010	TETRA TECH	

7. PW FMED POC

ROBERT L. GRANT 921-2621 Robert L. Grant

8. FACILITIES MAINTENANCE MECHANICAL / ELECTRICAL SUPERVISOR

BILL BABBIN 921-2626 N/A (ON LEAVE) WEBBER checked site.

9. ASBESTOS PROGRAM MANAGER

CARLA SANDERS 921-1708 Carla Sanders

10. NATURAL RESOURCE MANAGER (Environmental)

LISA JOY 921-1720 N/A

11. INSTALLATION RESTORATION MANAGER (Environmental)

MICHAEL FAGAN 921-1717 [redacted]

12. GROUND ELECTRONICS MAINTENANCE DIVISION (Bldg 251, new tower)

DUTY ET 921-2593/4 N/A

12. OTHERS:

NMCI / NASB IT - All Clear

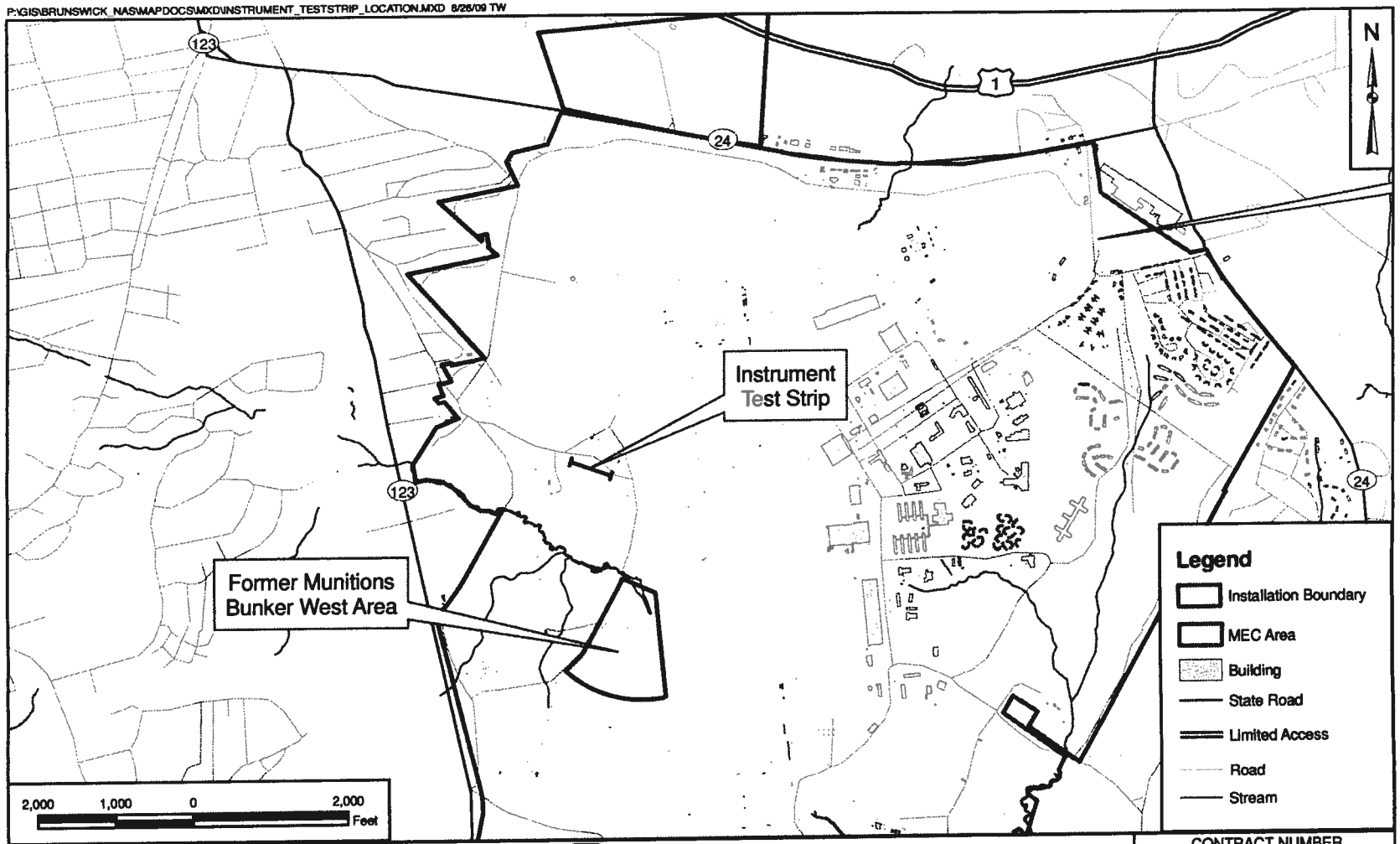
14. DIG SAFE (1-888-344-7233) CALLED? ***YES OR NO (CIRCLE ONE)***

CLEARANCE DATE: June 7/10 CLEARANCE NUMBER: 2010 2210903

THE AREA BELOW IS FOR ANY OTHER SIGNATURES THAT MAY BE NEEDED DUE TO LOCATION OR NATURE OF WORK TO BE PERFORMED.

OLD
TACIAN
GURNET
ROAD
OUTBOARD
RUNWAY
100'

P:\GIS\BRUNSWICK_NAS\MAPDOCS\MXD\INSTRUMENT_TESTSTRIP_LOCATION.MXD 8/26/09 TW



DRAWN BY T. WHEATON	DATE 8/26/09	Tetra Tech NUS, Inc.	CONTRACT NUMBER CTO WE09
CHECKED BY M. BLANKEN	DATE 6/30/09	INSTRUMENT TEST STRIP LOCATION NAVAL AIR STATION BRUNSWICK BRUNSWICK, MAINE	APPROVED BY — DATE —
COST/SCHEDULE AREA			APPROVED BY — DATE —
SCALE AS NOTED			FIGURE NO. FIGURE 7 / REV 0

Naval Air Station Brunswick, Maine

EXCAVATION CLEARANCE PERMIT

Office use only:

DIG PERMIT # 090057

Updated 17 June 2008

1. CLEARANCE IS REQUESTED TO PROCEED WITH WORK FOR SERVICE CALL, WORK REQUEST, OR CONTRACT NUMBER INVOLVING EXCAVATION OR UTILITY DISTURBANCE. Site 12 Soil Sampling

2. INSTRUCTION:

THE EXCAVATION CLEARANCE REQUEST IS USED FOR ANY WORK THAT MAY DISRUPT BASE UTILITY SERVICES AND PROTECTION PROVIDED BY FIRE OR INTRUSION ALARM SYSTEMS. THE EXCAVATION CLEARANCE IS PROCESSED PRIOR TO THE START OF WORK. IF DELAYS ARE ENCOUNTERED OR THE JOB SITE CONSTRUCTION CHANGES, THIS CLEARANCE MUST BE REPROCESSED.

NOTE: ANY DISCREPANCY BETWEEN THE ATTACHED DRAWING AND ACTUAL CONDITIONS MUST BE NOTED ON THE ATTACHED DRAWING AND RETURNED WITH THIS FORM TO PUBLIC WORKS FMED.

CONTACT PW ENGINEERING AT 921-2621 WITHIN 24 HOURS OF EXCAVATION COMPLETION TO REPORT ALL CONDITIONS NORMAL OR ANY DISCREPANCIES.

3. ADDITIONAL INFORMATION & REQUIREMENTS:

A: ALL KNOWN UTILITIES ARE SHOWN ON ATTACHED DRAWING

B: HAND DIG WITHIN FIVE (5) FEET OF ESTIMATED POSITION

C: REQUESTING PERSON(S) MUST CONTACT MECHANICAL SHOP (SHOP 42) AND ELECTRICAL SHOP (SHOP 41) TO SCHEDULE VISITS BY SHOP SUPERVISORS

D: REQUESTING PERSON(S) MUST CONTACT STAN NOCK (921-2467) OF MECHANICAL SHOP 24 HOURS PRIOR TO EXCAVATION

E: REQUESTING PERSON(S) MUST CONTACT DIG SAFE TO LOCATE PHONE LINES

F: Excavation MUST start within 30 days of issue of this Dig Permit. Good for life of project or until 30 days of inactivity on project.

4. DATE WORK SCHEDULED	5. REQUESTING SHOP/CONTRACTOR	6. PROJECT SUPERVISOR
June 16 /10	TETRA TECH	Sid Rogers

7. PW FMED POC

ROBERT L. GRANT 921-2621 Robert L. Grant 6/25/10

8. FACILITIES MAINTENANCE MECHANICAL / ELECTRICAL SUPERVISOR

BILL BABBIN 921-2626 Stanley Nock for William Babbin 6/25/10

9. ASBESTOS PROGRAM MANAGER

CARLA SANDERS 921-1708 N/A

10. NATURAL RESOURCE MANAGER (Environmental)

LISA JOY 921-1720 N/A

11. INSTALLATION RESTORATION MANAGER (Environmental)

MICHAEL FAGAN 921-1717 N/A

12. GROUND ELECTRONICS MAINTENANCE DIVISION (Bldg 251, new tower)

DUTY ET 921-2593/4 N/A

12. OTHERS:

14. DIG SAFE (1-888-344-7233) CALLED? YES OR NO (CIRCLE ONE)

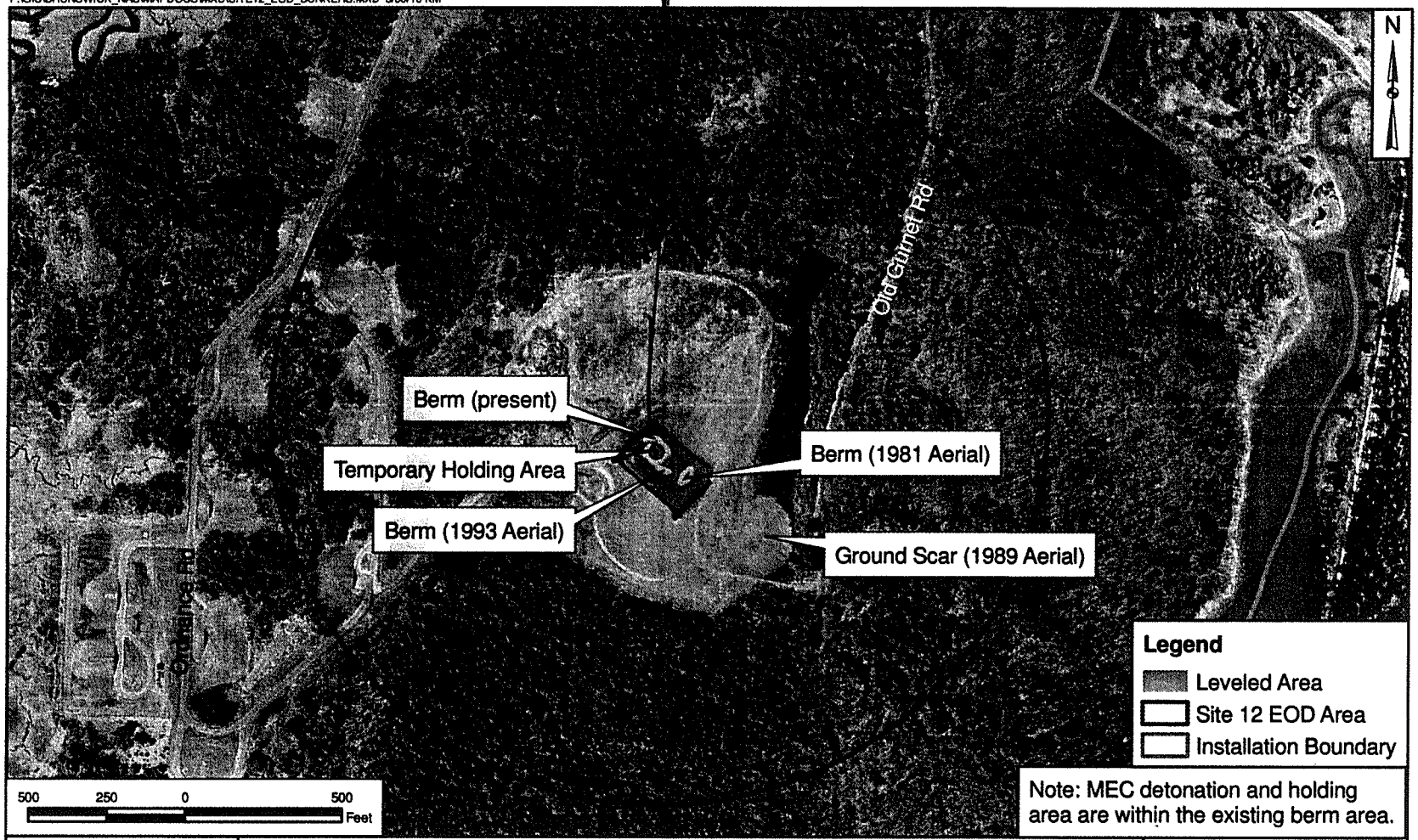
CLEARANCE DATE: June 16/10 CLEARANCE NUMBER: 2010 241 0549

THE AREA BELOW IS FOR ANY OTHER SIGNATURES THAT MAY BE NEEDED DUE TO LOCATION OR NATURE OF WORK TO BE PERFORMED.

SAMPLE AREA

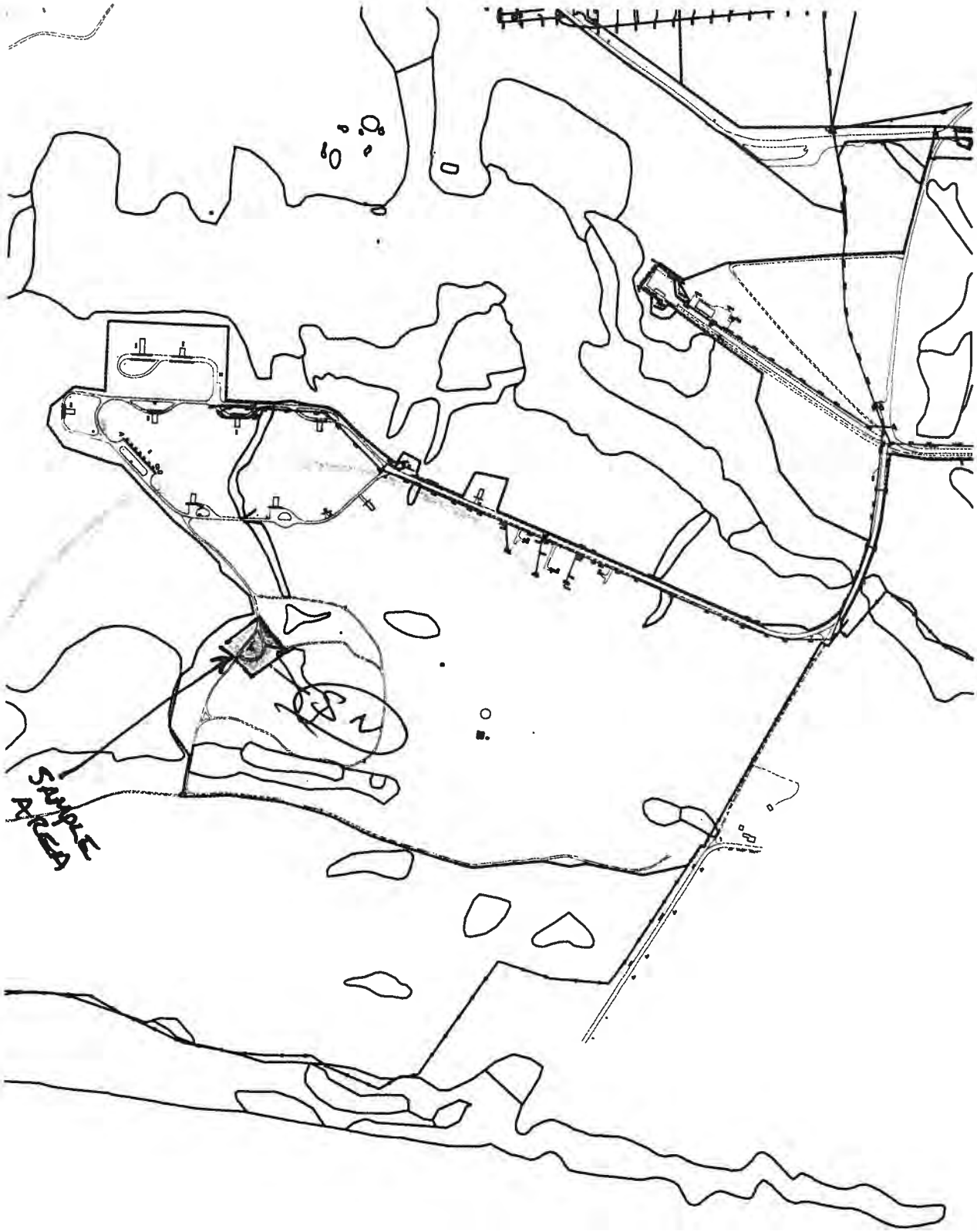
UP TO 4' DEEP

P:\GIS\BRUNSWICK_NAS\MAPDOCS\MXD\SITE12_EOD_BUNKERS.MXD 3/30/10 KM



Note: MEC detonation and holding area are within the existing berm area.

DRAWN BY K. MOORE DATE 10/17/07	Tetra Tech NUS, Inc.	CONTRACT NUMBER CTO 0069	
CHECKED BY L. KLINK DATE 3/30/10	PES FOR MAGAZINES AT SITE 12 EOD AREA NAVAL AIR STATION BRUNSWICK BRUNSWICK, MAINE	APPROVED BY — DATE —	
COST/SCHEDULE AREA		APPROVED BY L. KLINK DATE 10/29/09	
SCALE AS NOTED		FIGURE NO. FIGURE 6	REV 0



L

Grant, Bob CIV NAS Brunswick, N44

From: Zrioka, Joe CTR
Sent: Thursday, June 24, 2010 12:53 PM
To: Grant, Bob CIV NAS Brunswick, N44
Cc: Comer, Richard E CIV NAS Brunswick, IT; Graham, Christopher J; Hausler, Mark
Subject: Tetra Tech Soil Samples - NMCI Fiber Impact
Signed By: joe.zrioka@nmci-isf.com

Larry, we reviewed your documents and determined there is no impact to NMCI fiber from Tetra Tech's soil sampling at the following locations:

Dig Permit # 090057, Site 12 EOD area.
Dig Permit # 090058, Former Munitions Bunker West area.

I'll leave your documents in the usual place at building 223.

JOE ZRIOKA
Regional Field Leader
NMCI - Northeast Region
HP Enterprise Services
Telephone +1 207.729.7047
Mobile +1 207.450.1417
Email joe.zrioka@nmci-isf.com
50 Ave B, Building 223 / Brunswick, Maine 04011

From: Geringer, Brian
Sent: Tuesday, September 13, 2011 6:04 PM
To: Love, Erica; robert.leclerc@navy.mil
Cc: Klink, Linda
Subject: NAS Brunswick - Quarry and Site 12 EOD Area - TCRA Field Work Dig Safe
Attachments: Figure 1[1].pdf; Figure 2.pdf; Figure 6[1].pdf

Bob-

I obtained the following dig safe numbers for the upcoming UXO work in the Quarry:

Test strip south of Building 230 - 20113804398
Test strip in EOD Pit Area (Site 12) - 20113804413
Quarry Area - 20113804424

These dig safe tickets will become active Friday, September 16, 2011 at 12:00 pm. Dig safe has notified Comcast, Downeast Energy, Nexcom, Maine Natural Gas, Maine DOT, Fairpoint Communications and Brunswick Sewer. These tickets will expire 60 days from Friday.

In addition, tomorrow I will be meeting Dig Smart of Maine and will mark out any underground base utilities located within these work areas.

Please do not hesitate to contact me with any questions or concerns.

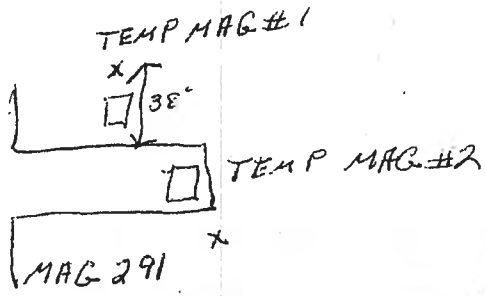
Brian Geringer
617-960-6476

A.5 TYPE 2 MAGAZINE ELECTRICAL REPORT

62% Test for Testing one Ground Rod

20'x20' Grid ~~1" x 10'~~ Ground Rod. (See Page 23 of 4600 Tester)
with 10% tolerance band

MAG #1
TETRA TECH INC
6-9-10
09:40 AM
CLEAR

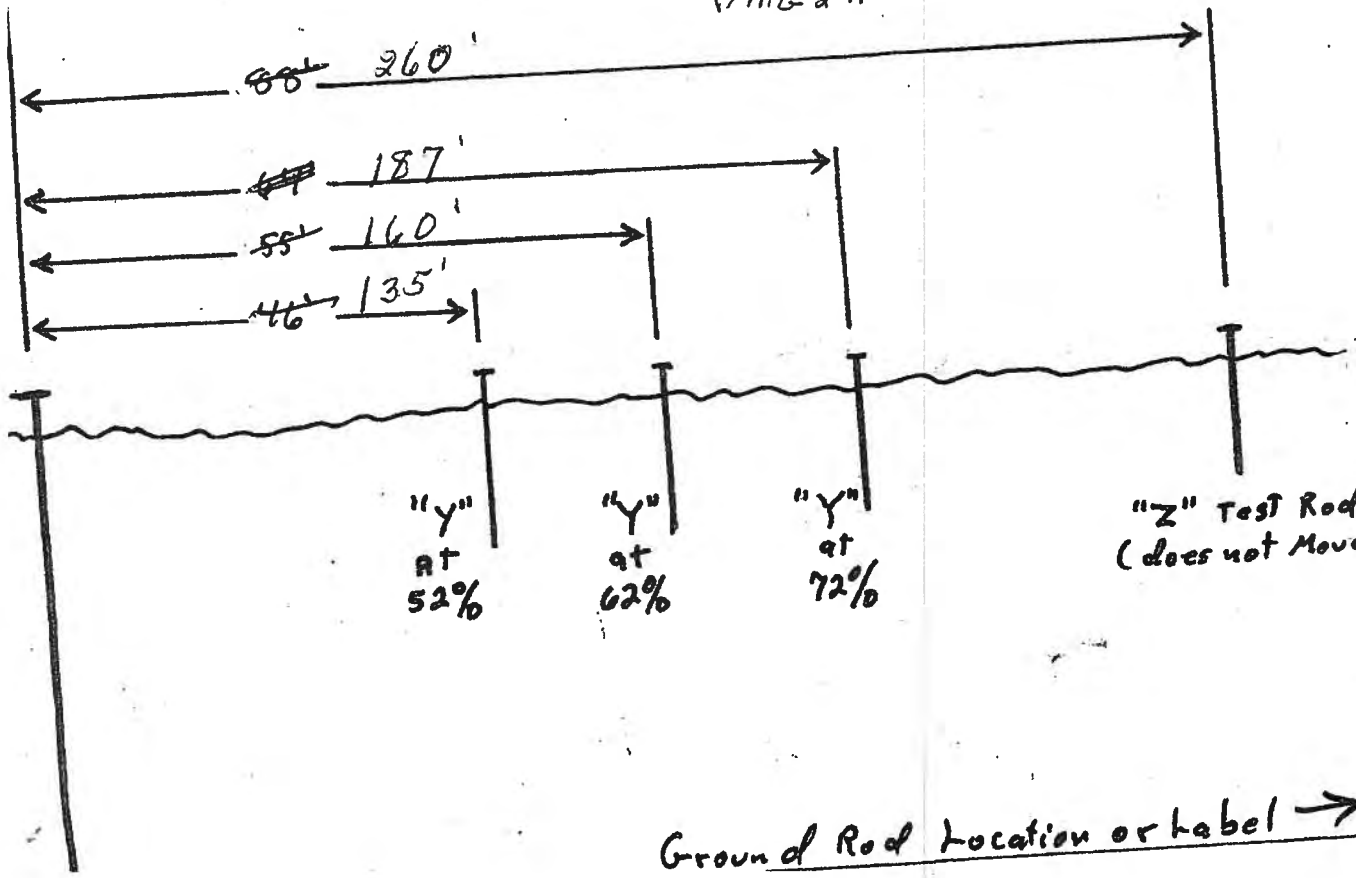


"Y" at 52% (-10%) = 18.4 Ω

"Y" at 62% = 19.2 Ω

"Y" at 72% (+10%) = 20.6 Ω

58.2 ÷ 3 = 19.4 Ω AVG



Test by
Jim Kelly
Enterprise Electric
207-353-2697

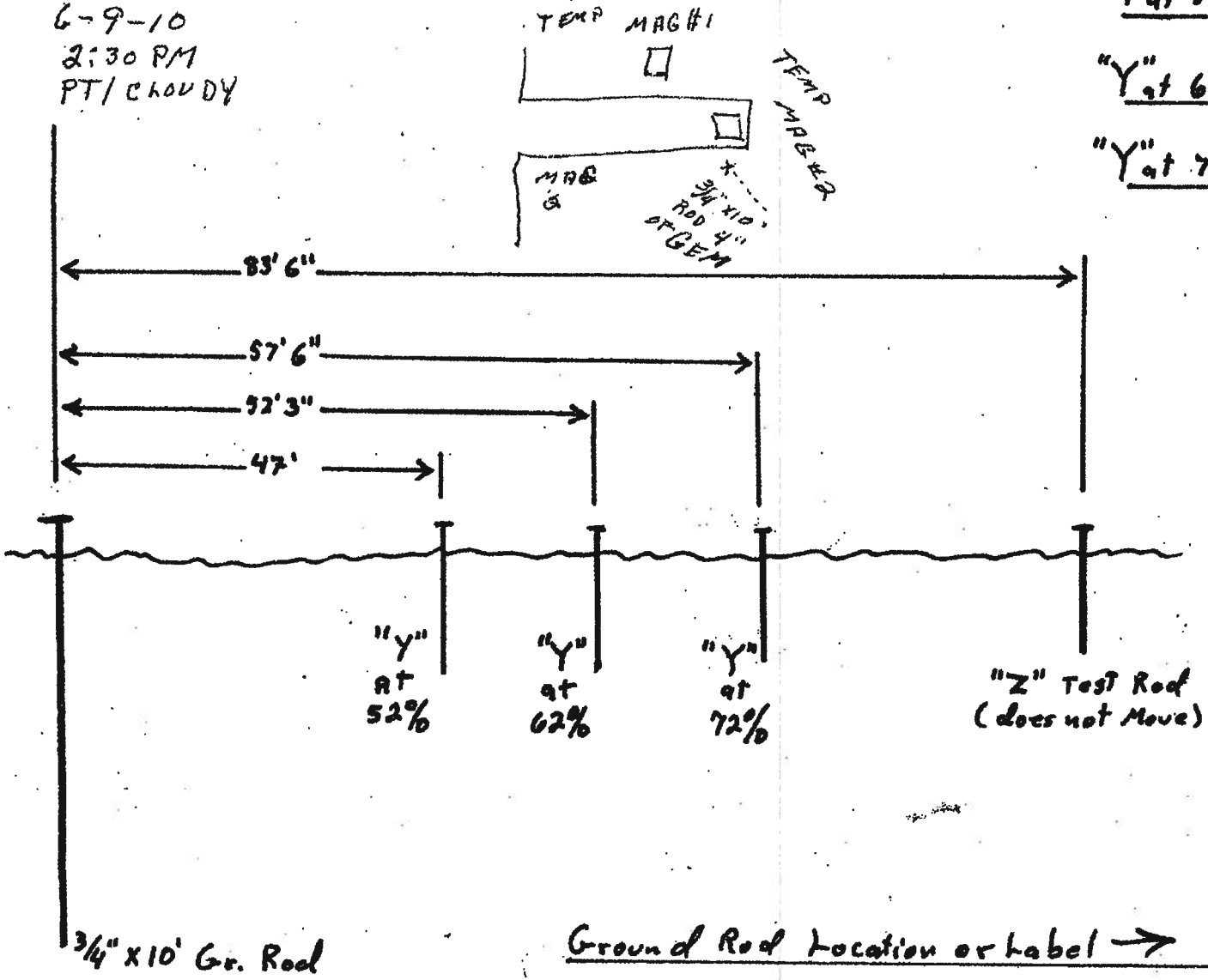
Ground Rod Location or Label →

62% Test for Testing one Ground Rod
3/4" X 10' Ground Rod. (See Page 23 of 4600 Tester)
with 10% tolerance band

MAG #2

TETRA TECH INC

6-9-10
2:30 PM
PT/CLOUDY



"Y" at 52% (-10%) = 22.2 Ω

"Y" at 62% = 22.6 Ω

"Y" at 72% (+10%) = 26.4 Ω

71.2 ÷ 3 - 23.7

Test by
Jim Kelly
Enterprise Elect
207-353-2697

Ground Rod Location or Label →

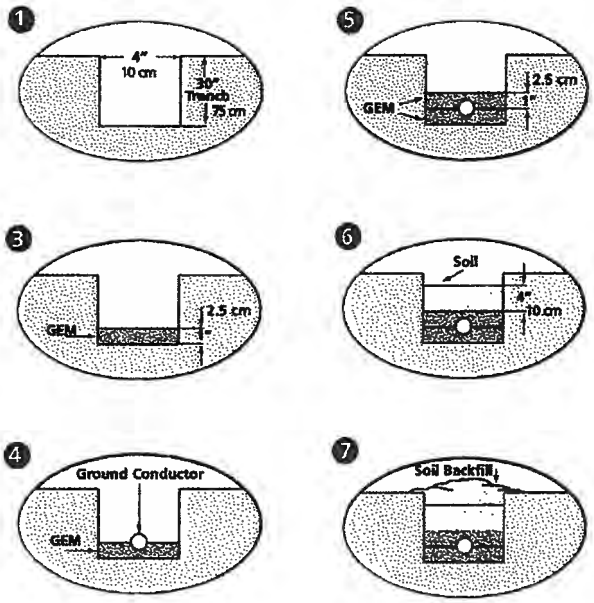
GROUND ENHANCEMENT MATERIAL (GEM)

TRENCH INSTALLATION

1. Premix GEM into a slurry form. Use 1-1/2 to 2 gallons (5.7 to 7.6 liters) of clean potable water per pail of GEM.
2. To mix GEM into a slurry form, use a standard cement mixer or mix in the GEM pail, a mixing box, wheelbarrow, etc. Use 1-1/2 to 2 gallons (5.7 to 7.6 liters) of clean-potable water per pail of GEM. Do not mix GEM with salt water.
3. Spread out enough GEM to uniformly cover bottom of trench–about 1 inch (2.5 cm) deep. (See table)
4. Place conductor on top of GEM. (See Note 1)
5. Spread more GEM on top of conductor to completely cover conductor–about 1 inch (2.5 cm) deep. Allow GEM to harden.
6. Carefully cover the GEM with soil to a depth of about 4 inches (10 cm), making sure not to expose the conductor.
7. Tamp down the soil, then fill in the trench.

Note 1: 4" (10 cm) of insulation should be applied to the conductors and ground rods exiting the GEM, starting 2" (5 cm) inside the GEM.

Note 2: Excess standing water must be removed from trench.



Estimated linear feet of ground conductor covering with each pail of GEM.

Trench Width (inches / cm)		Total Thickness of GEM (inches / cm)							
		1"	2.5 cm	2"	5.0 cm	3"	7.5 cm	4"	10.0 cm
4"	10.0 cm	14.0'	4.27 m	7.0'	2.13 m	4.7'	1.43 m	3.5'	1.06 m
6"	15.2 cm	9.3'	2.83 m	4.7'	1.43 m	3.1'	0.94 m	2.3'	0.70 m
8"	20.3 cm	7.0'	2.13 m	3.5'	1.06 m	2.3'	0.70 m	1.8'	0.55 m
10"	25.4 cm	5.6'	1.70 m	2.8'	0.85 m	1.9'	0.57 m	1.4'	0.42 m
12"	30.5 cm	4.7'	1.43 m	2.3'	0.70 m	1.6'	0.48 m	1.2'	0.37 m

A 25-pound pail of GEM will cover 7 linear feet (2.1 m) of conductor length for a 4-inch-wide (10 cm), 2-inch-thick (5 cm) covering (1 inch (2.5 cm) below and 1 inch (2.5 cm) above conductor), based on a density of 63.5 lb/cu.ft.

WARNING

1. ERICO products shall be installed and used only as indicated in ERICO product instruction sheets and training materials. Instruction sheets are available at www.erico.com and from your ERICO customer service representative.
2. ERICO products must never be used for a purpose other than the purpose for which they were designed or in a manner that exceeds specified load ratings.
3. All instructions must be completely followed to ensure proper and safe installation and performance.
4. Improper installation, misuse, misapplication or other failure to completely follow ERICO's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death.

SAFETY INSTRUCTIONS: All governing codes and regulations and those required by the job site must be observed. Always use appropriate safety equipment such as eye protection, hard hat, and gloves as appropriate to the application.

Ground Enhancement Material (GEM) contains hydraulic cements and should be handled with the same precautions as used with portland cement.

PLEASE OBSERVE THESE SAFETY PRECAUTIONS
KEEP OUT OF REACH OF CHILDREN

CAUTION
Contact with GEM may irritate skin and tissues. Avoid contact, ingestion or breathing the product.

1. Wear eye protection. If GEM gets into the eye, rinse immediately and repeatedly with water and get prompt medical attention.
2. Wear respiratory protection when exposed to GEM dust.
3. Protect skin with boots, gloves and clothing.
4. Avoid prolonged contact of GEM with skin. Wash skin promptly after any contact with GEM.
5. If GEM is ingested, drink large quantities of water immediately and then induce vomiting. Get medical attention immediately.
6. Do not smoke when using GEM.
7. Do not expose GEM to open flame.

NEC is a registered trademark of, and National Electric Code (NEC) standard is a copyright of the National Fire Protection Association.

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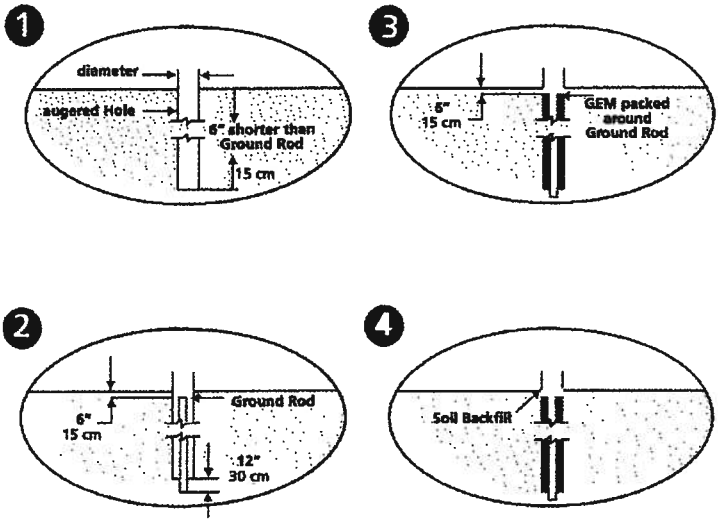
GROUND ROD BACKFILL INSTALLATION



1. Auger a 3-inch (7.5 cm) or larger diameter hole to a depth of 6 inches (15 cm) less than the length of the ground rod.
2. Place ground rod into augered hole and drive one foot (if possible) into bottom of the hole. The top of the ground rod will be approximately 6 inches (15 cm) below grade. At this time, make any connections to ground rod using CADWELD® connections. (See Note 1)
3. Premix GEM into a slurry form. Use 1-1/2 to 2 gallons (5.7 to 7.6 liters) of clean-potable water per pail of GEM.
4. Pour the appropriate amount of GEM (see table) around the ground rod. To ensure the GEM material completely fills the hole, tamp around the ground rod with a pole.
5. Fill remainder of augered hole with soil removed during augering. For various augered-hole diameters and depths, see the table below.

Note 1: 4" (10 cm) of insulation should be applied to the conductors and ground rods exiting the GEM, starting 2" (5 cm) inside the GEM.

Note 2: Excess standing water must be removed from the hole.

Estimated pail of GEM for backfilling around ground rods to a density of 63.5 lb/cu ft³

	Depth of hole (feet)*						
Dia. Of hole (inches/cm)	6' 1.8 m	7' 2.1 m	8' 2.4 m	9' 2.8 m	17' 5.2 m	19' 5.8 m	20' 6.1 m
3 7.5	2	2	2	2	4	4	4
4 10.0	2	3	3	3	6	7	7
5 12.7	3	4	4	5	9	10	10
6 15.2	5	5	6	7	13	14	15
7 17.8	6	7	8	9	17	19	20
8 20.3	8	9	11	12	22	25	26
9 22.9	10	12	13	15	28	31	32
10 25.4	12	14	16	18	34	38	40

*** 8-foot (2.4 m) minimum rod length required to be in contact with the soil (or GEM), per NEC® 250-83-C.**

Note: To mix GEM into a slurry form, use a standard cement mixer or mix in the GEM pail, a mixing box, wheelbarrow, etc. Use 1-1/2 to 2 gallons (5.7 to 7.6 liters) of clean-potable water per pail of GEM. Do not mix GEM with salt water.

GROUND ROD RESISTANCE TEST

DATE OF TEST:	6/9/2010 9:40AM	LOCATION:	BNAS MAG #1
SOIL TYPE:	Clay	SOIL CONDITIONS:	moist
WEATHER:	Pt Cloudy	TEMPERATURE:	70
ROD LENGTH:	20' x 20' grid with 10' rods	ROD DIAMETER:	3/4"

DISTANCE (ft):	135	160	187
	R1	R2	R3
62% RULE OHMS:	18.4	19.2	20.6

CURRENT PROBE SET AT 260'

DISTANCE (ft):				
	R1	R2	R3	Dpt
SLOPE OHMS:				

CURRENT PROBE SET AT '

62% Rule Calculations:

$$R_{ave} = \frac{R1+R2+R3}{3}$$

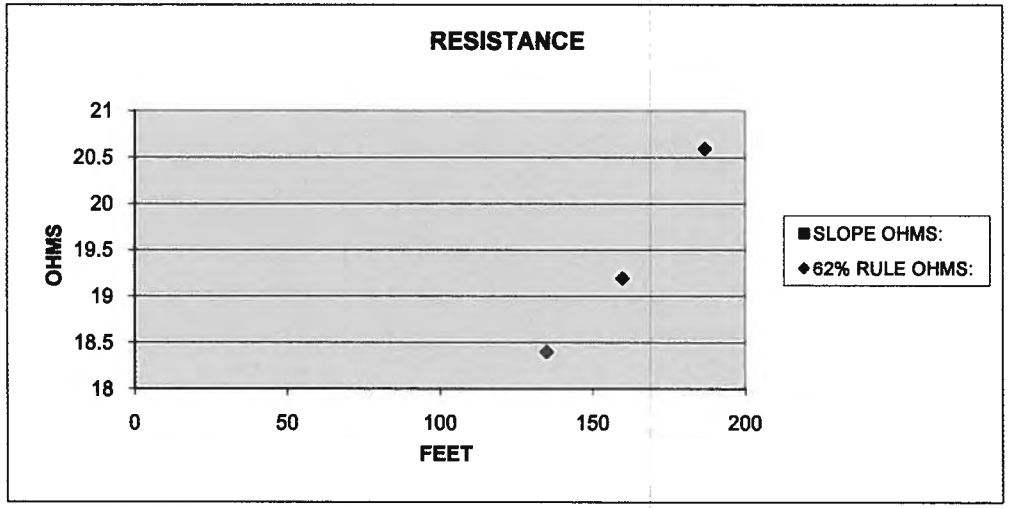
	OHMS
Probe at 52% of Current Probe (R1)	18.4
Probe at 62% of Current Probe (R2)	19.2
Probe at 72% of Current Probe (R3)	20.6

R_{ave} = (18.4+19.2+20.6)/3 = 19.4

(Max Deviation / R_{ave}) x 100 = Deviation %

(19.4 - 20.6)/19.4 x 100 = -6.2% Deviation

Adjusted by 1.2 = 1.2 x 1.3% = -7.4%



Slope Coefficient Calculations:

$$\mu = \frac{R3 - R2}{R2 - R1}$$

	OHMS
With Aux Probe set at 20' (R1)	
With Aux Probe set at 40' (R2)	
With Aux Probe set at 60' (R3)	

R3 - R2 = 0
R2 - R1 = 0 = #DIV/0! (μ)

Slope Coefficient (From Table) = 0.6008

Distance to "true earth resistance" (Dpt)

Dpt = Distance to Current Probe (Dc) x .6008

Dpt = 100' x .6008 (60.08')

"true resistance" measured at

Note: 20' x 20' existing ground grid, 4/0 copper cable.

GROUND ROD RESISTANCE TEST

DATE OF TEST:	6/9/2010 9:40AM	LOCATION:	BNAS MAG #2
SOIL TYPE:	Clay	SOIL CONDITIONS:	moist
WEATHER:	Pt Cloudy	TEMPERATURE:	70
ROD LENGTH:	10'	ROD DIAMETER:	3/4"

DISTANCE (ft):	47'	52' 3"	57' 6"
	R1	R2	R3
62% RULE OHMS:	22.2	22.6	26.4

CURRENT PROBE SET AT 260'

DISTANCE (ft):				
	R1	R2	R3	Dpt
SLOPE OHMS:				

CURRENT PROBE SET AT '

62% Rule Calculations:

$$R_{ave} = \frac{R1+R2+R3}{3}$$

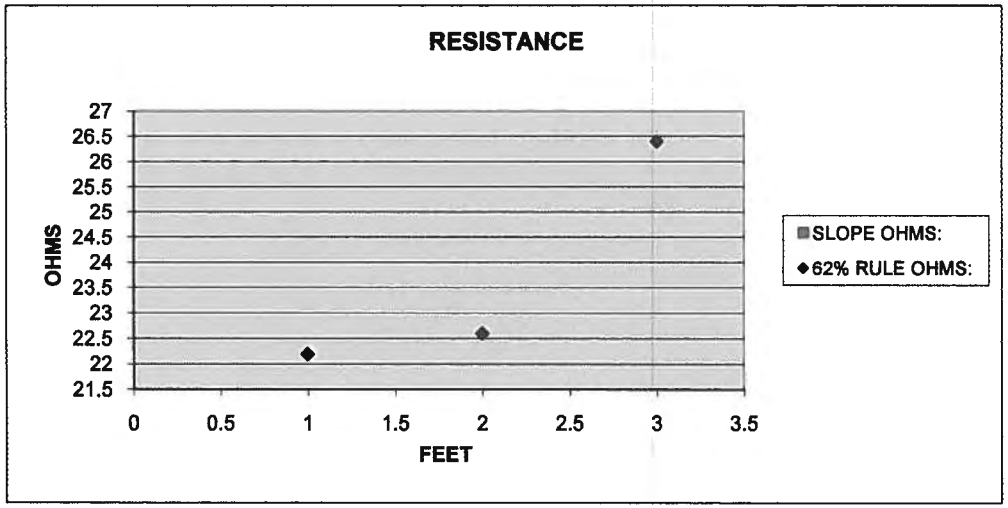
	OHMS
Probe at 52% of Current Probe (R1)	22.2
Probe at 62% of Current Probe (R2)	22.6
Probe at 72% of Current Probe (R3)	26.4

R_{ave} = (22.2+22.6+26.4)/3 = 23.7

(Max Deviation / R_{ave}) x 100 = Deviation %

(23.7 - 26.4)/23.7 x 100 = -11.2% Deviation

Adjusted by 1.2 = 1.2 x 1.3% = -13.5%



Slope Coefficient Calculations:

$$\mu = \frac{R3 - R2}{R2 - R1}$$

	OHMS
With Aux Probe set at 20' (R1)	
With Aux Probe set at 40' (R2)	
With Aux Probe set at 60' (R3)	

R3 - R2 = 0
R2 - R1 = 0 = #DIV/0! (μ)

Slope Coefficient (From Table) = 0.6008

Distance to "true earth resistance" (Dpt)

Dpt = Distance to Current Probe (Dc) x .6008

Dpt = 100' x .6008 (60.08')

"true resistance" measured at

Notes: 3/4" x 10' copper clad rod, ledge encountered, tried at 45 degree angle, still hit ledge, dug 34" deep x 10' long horizontal trench and placed rod in bottom of trench (NEC 250.53 (G)) in Erico "GEM" ground enhancement material and backfilled and tested.

A.6 FIELD CHANGE REQUEST FORMS

FIELD CHANGE REQUEST (FCR)

CONTRACT TASK ORDER NAME: MEC Removal Action Work Plan	CTO # WE09	CHANGE REQUEST NO. 01
TO: Site 12 EOD and Former Munitions Bunker West	LOCATION: NAS Brunswick, ME	DATE: 25 June, 2010

RE:

Drawing # _____ Title: _____

Specific Sections: 2.4 Title: TECHNICAL SCOPE

Other: Site 12 EOD Area: Fifth Bullet (Page2-4)

1. DESCRIPTION (items involved, submit sketch, if applicable): See Page 2 of Field Change Request.

2. REASON FOR CHANGE: Provide Clarification that only surface non-MEC debris will be moved (and not subsurface non-MEC debris). This clarification was made after encountering debris that was visible on the surface but partly buried.

3. RECOMMENDED DISPOSITION (Submit sketch, if applicable):

__X__ Minor Change ____ Major Change (Impacts Cost, Schedule)

4. DISPOSITION: (Approval Required by Client Representative)

____ Not Approved (give reason).

__X__ Considered minor change – APPROVED per recommended disposition – Documents will not be formally revised. Field office to maintain as –built records.

____ Considered major change – Client approval required via contract modification process

Prepared by (Signature) [signature]	Date: 2 July 2010
Tetra Tech UXO Manager (Signature) Ralph Brooks	Date: 2 July 2010
Tetra Tech Project Manager (Signature) Linda Klmb – Task Manager	Date: 2 July 2010
Navy Point of Contact / Client Representative (Signature) NA – MINOR CHANGE	Date: —

cc. Jeff Orient
Project File WE09, 112G02063

- Non-MEC debris, for example, tire rims and shovel heads (non-MEC contaminated items), located entirely on the surface during the detector-aided surface surveys will be moved to a nearby location; marshalling, ~~and~~ off-site disposal, and subsurface digging/intrusive operations of partially buried non-MEC debris will be deferred to the RI or addressed by NASB. After removal of the non-MEC debris, a detector-aided surface survey will be conducted to ensure that no surface MEC is now visible.

FIELD CHANGE REQUEST (FCR)

CONTRACT TASK ORDER NAME: MEC Removal Action Work Plan	**CTO #** WE09	**CHANGE REQUEST NO.** 02
TO: Site 12 EOD and Former Munitions Bunker West	**LOCATION:** NAS Brunswick, ME	**DATE:** 28 June, 2010

RE:

Drawing # _____ Title: _____

Specific Sections: 2.4 Title: TECHNICAL SCOPE

Other: Site 12 EOD Area: Second Bullet (Page2-3); Fourth Sentence; Fourth Bullet (Page 2-4)

1. DESCRIPTION (NASB Instructions not to cut wetlands plus one area providing unsafe sweeping and cutting conditions): One area has rock cliffs and 80-90 degree slopes. See attached map (MRP website)

2. REASON FOR CHANGE: Unable to comply with Work Plan due to safety and environmental issues.

3. RECOMMENDED DISPOSITION (Submit sketch, if applicable):

X Minor Change ____ Major Change (Impacts Cost, Schedule)

4. DISPOSITION: (Approval Required by Client Representative)

____ Not Approved (give reason).

X Considered minor change – APPROVED per recommended disposition – Documents will not be formally revised. Field office to maintain as –built records.

____ Considered major change – Client approval required via contract modification process

Prepared by (Signature)	**Date:** 28 June 2010
Tetra Tech UXO Manager (Signature) Ralph Brooks	**Date: 30 June, 2010**
Tetra Tech Project Manager (Signature) Linda Klink	**Date:** 6/30/10
Navy Point of Contact / Client Representative (Signature) NA	**Date:**

Site 12 EOD Area; Second Bullet (Page2-3); Fourth Sentence

- ... Therefore, it is planned to conduct brush cutting, and detector-aided surface investigation and removal activities across 100 percent of the accessible area within the perimeter road of the site. Wetlands as identified by Mike Fagan (NASB Environmental) will be avoided for environmental reasons, and steep cliff areas will be avoided for safety reasons at this phase of the work.

Fourth Bullet (Page 2-4)

- The pond, wetlands (as identified by Mike Fagan NASB Environmental), and steep cliff areas will not be investigated at this time, but will be investigated during a subsequent RI.

FIELD CHANGE REQUEST (FCR)

CONTRACT TASK ORDER NAME: MEC Removal Action Work Plan	**CTO #** WE09	**CHANGE REQUEST NO.** 03
TO: Time Critical Munitions and Explosives of Concern Removal Action Work Plan for Site 12 Explosive Ordnance Disposal Area and Former Munitions Bunker West Area	**LOCATION:** NAS Brunswick, ME	**DATE:** 9 July, 2010

RE:

Drawing # _____ Title: _____

Specific Sections: 3.2.4 Title: Transportation

Other: Second Para, last sentence, Page 3-3

1. DESCRIPTION: Delivery trucks will report to the back gate and be escorted by weapons storage personnel along the appropriate route to the ammunition magazine.

2. REASON FOR CHANGE: There are no weapons storage personnel left on NASB.

3. RECOMMENDED DISPOSITION (Submit sketch, if applicable):

_x_ Minor Change ___ Major Change (Impacts Cost, Schedule)

4. DISPOSITION: (Approval Required by Client Representative)

_____ Not Approved (give reason).

_x_ Considered minor change APPROVED per recommended disposition Documents will not be formally revised. Field office to maintain as –built records.

_____ Considered major change -- Client approval required via contract modification process

Prepared by (Signature)	**Date: 9 July, 2010**
Tetra Tech UXO Manager (Signature) Ralph Brooks	**Date: 15 July 2010**
Tetra Tech Project Manager (Signature) Linda Klink	**Date:** 7/15/10
Navy Point of Contact / Client Representative (Signature) NA	**Date:**

Change to read: Delivery trucks will report to the back gate and be escorted by ~~weapons storage~~UXO personnel along the appropriate route to the Type 2 ~~ammunition~~ magazine. ~~UXO personnel~~

FIELD CHANGE REQUEST (FCR)

CONTRACT TASK ORDER NAME: MEC Removal Action Work Plan	**CTO #** WE09	**CHANGE REQUEST NO.** 04
TO: Time Critical Munitions and Explosives of Concern Removal Action Work Plan for Site 12 Explosive Ordnance Disposal Area and Former Munitions Bunker West Area	**LOCATION:** NAS Brunswick, ME	**DATE:** 9 July, 2010

RE:

Drawing # _____ Title: _____

Specific Sections: 2.12 Title: REPORTING AND DISPOSITION OF MEC

Other: Site 12 EOD Area: 2nd Sentence; 3rd Sentence; 5th Sentence

1. DESCRIPTION : The temporary holding area will consist of 2 feet of sandbags placed on all four sides of each MEC/MPPEH item, with a plywood cover and 2 feet of sandbags on top

2. REASON FOR CHANGE: Unnecessary, items which are safe to move will be moved to Site 12 EOD Area for treatment, or the MEC Type 2 magazine to storage until treatment.

3. RECOMMENDED DISPOSITION (Submit sketch, if applicable):

x Minor Change _____ Major Change (Impacts Cost, Schedule)

4. DISPOSITION: (Approval Required by Client Representative)

_____ Not Approved (give reason).

x Considered minor change – APPROVED per recommended disposition Documents will not be formally revised. Field office to maintain as built records.

Considered major change Client approval required via contract modification process

Prepared by (Signature)	**Date:** 9 July, 2010
Tetra Tech UXO Manager (Signature) Ralph Brooks	**Date:** 15 July 2010
Tetra Tech Project Manager (Signature) Linda Kluck	**Date:** 7/15/10
Navy Point of Contact / Client Representative (Signature) NA	**Date:**

If MEC are identified and deemed safe to move, the UXO team may transport the item(s) to ~~a temporary holding area that will be established at the~~ Site 12 EOD Area for ~~recovered MEC/MPPEH that are determined safe to move and awaiting~~ disposal. ~~The temporary holding area will consist of 2 feet of sandbags placed on all four sides of each MEC/MPPEH item, with a plywood cover and 2 feet of sandbags on top.~~ This area will be under the control of the UXO Team Leader until disposal operations have been completed. The ESQD arc created by the NEW for each item ~~temporary holding area~~ will not extend beyond that established for the site.

FIELD CHANGE REQUEST (FCR)

CONTRACT TASK ORDER NAME: MEC Removal Action Work Plan	**CTO #** WE09	**CHANGE REQUEST NO.** 05
TO: Time Critical Munitions and Explosives of Concern Removal Action Work Plan for Site 12 Explosive Ordnance Disposal Area and Former Munitions Bunker West Area	**LOCATION:** NAS Brunswick, ME	**DATE:** 9 July, 2010

RE:

Drawing # _____ Title: _____

Specific Sections: Para 2.4.3 Title: Equipment Checkout and Calibration

Other: Page 2-7, Line 1 _____

1. DESCRIPTION : All instruments used during this investigation and removal action operation will be checked at the start of each day and after each battery change, to ensure they are capable of detecting the buried target items/surrogates.

2. REASON FOR CHANGE: Delete all. No need to check all instruments daily if they are not going to be used that day.

3. RECOMMENDED DISPOSITION (Submit sketch, if applicable):

x Minor Change _____ Major Change (Impacts Cost, Schedule)

4. DISPOSITION: (Approval Required by Client Representative)

_____ Not Approved (give reason).

x Considered minor change – APPROVED per recommended disposition Documents will not be formally revised. Field office to maintain as - built records.

Considered major change – Client approval required via contract modification process

Prepared by (Signature)	**Date: 9 July, 2010**
Tetra Tech UXO Manager (Signature)	**Date: 15 July 2010**
Tetra Tech Project Manager (Signature) Linda Klunk	**Date:** 7/15/10
Navy Point of Contact / Client Representative (Signature) NA	**Date:**

~~All~~ UXO instruments used during this investigation and removal action operation will be checked at the start of each day and after each battery change, to ensure they are capable of detecting the buried target items/surrogates.

FIELD CHANGE REQUEST (FCR)

CONTRACT TASK ORDER NAME: MEC Removal Action Work Plan	**CTO #** WE09	**CHANGE REQUEST NO.** 06
TO: Time Critical Munitions and Explosives of Concern Removal Action Work Plan for Site 12 Explosive Ordnance Disposal Area and Former Munitions Bunker West Area	**LOCATION:** NAS Brunswick, ME	**DATE:** 1 August, 2010

RE:

Drawing # _____ Title: _____

Specific Sections: Para 2.6.5 Title: UXOSO/UXOQCS

Other: Page 2-9, Second Sentence

1. DESCRIPTION : The UXOSO/UXOQC will meet the qualifications stated in DDESB TP 18 (DDESB, 2004).

2. REASON FOR CHANGE: NOSSAINST 802015 B requires UXOQCS to have specialized training in quality.

3. RECOMMENDED DISPOSITION (Submit sketch, if applicable):

_x_ Minor Change _____ Major Change (Impacts Cost, Schedule)

4. DISPOSITION: (Approval Required by Client Representative)

_____ Not Approved (give reason).

_x_ Considered minor change – APPROVED per recommended disposition – Documents will not be formally revised. Field office to maintain as –built records.

_____ Considered major change – Client approval required via contract modification process

Prepared by (Signature) Ralph Brooks	**Date: 2 August, 2010**
Tetra Tech UXO Manager (Signature) Ralph Brooks	**Date: 9 August, 2010**
Tetra Tech Project Manager (Signature) Linda Klink	**Date:** 8/9/10
Navy Point of Contact / Client Representative (Signature) NA	**Date:**

The UXOSO/UXOQC will meet the qualifications stated in DDESB TP 18 (DDESB, 2004) and have specialized training in quality as stated in NOSSAINST 8020.15B.

FIELD CHANGE REQUEST (FCR)

CONTRACT TASK ORDER NAME: MEC Removal Action Work Plan	**CTO #** WE09	**CHANGE REQUEST NO.** 07
TO: Time Critical Munitions and Explosives of Concern Removal Action Work Plan for Site 12 Explosive Ordnance Disposal Area and Former Munitions Bunker West Area	**LOCATION:** NAS Brunswick, ME	**DATE:** 1 August, 2010

RE:

Drawing # _____ Title: _____

Specific Sections: Para 10.3 Title: FIELD DOCUMENTATION

Other: Page 10-4, First Set of Bullets

1. **DESCRIPTION : Add**

   - **Non-Conformance Report (for any QC or QA failure)**

2. REASON FOR CHANGE: Add requirement for UXOQCS to complete a Non-Conformance Report for each QC or QA failure.

3. RECOMMENDED DISPOSITION (Submit sketch, if applicable):

_x_ Minor Change ____ Major Change (Impacts Cost, Schedule)

4. DISPOSITION: (Approval Required by Client Representative)

____ Not Approved (give reason).

_x_ Considered minor change - APPROVED per recommended disposition – Documents will not be formally revised. Field office to maintain as -built records.

____ Considered major change – Client approval required via contract modification process

Prepared by (Signature) Ralph Brooks	**Date: 1 August, 2010**
Tetra Tech UXO Manager (Signature) Ralph Brooks	**Date: 9 August, 2010**
Tetra Tech Project Manager (Signature) Linda Kluck	**Date:** 8/9/10
Navy Point of Contact / Client Representative (Signature) NA	**Date:**

FIELD CHANGE REQUEST (FCR)

CONTRACT TASK ORDER NAME: MEC Removal Action Work Plan	**CTO #** WE09	**CHANGE REQUEST NO.** 08
TO: Time Critical Munitions and Explosives of Concern Removal Action Work Plan for Site 12 Explosive Ordnance Disposal Area and Former Munitions Bunker West Area	**LOCATION:** NAS Brunswick, ME	**DATE:** 1 August, 2010

RE:

Drawing # _____ Title: _____

Specific Sections: 1. _____ Title: ADDENDUM DATED MAY 26, 2010

Other: Page 1. _____

1. **DESCRIPTION : Add after second paragraph;**

Empty signs shall be posted and fire division/chemical hazard symbols removed or covered on Type 2 magazines whose contents have been removed. Empty signs will be stored inside the magazine when not in use.

2. REASON FOR CHANGE: No clear guidance on the use of Empty signs are provided in the Work Plan.

3. RECOMMENDED DISPOSITION (Submit sketch, if applicable):

x Minor Change _____ Major Change (Impacts Cost, Schedule)

4. DISPOSITION: (Approval Required by Client Representative)

_____ Not Approved (give reason).

x Considered minor change – APPROVED per recommended disposition – Documents will not be formally revised. Field office to maintain as –built records.

_____ Considered major change – Client approval required via contract modification process

Prepared by (Signature) Ralph Brooks	**Date: 1 August, 2010**
Tetra Tech UXO Manager (Signature) Ralph Brooks	**Date: 9 August, 2010**
Tetra Tech Project Manager (Signature) Linda Klunk	**Date:** 8/9/10
Navy Point of Contact / Client Representative (Signature) NA	**Date:**

FIELD CHANGE REQUEST (FCR)

CONTRACT TASK ORDER NAME: MEC Removal Action Work Plan	**CTO #** WE09	**CHANGE REQUEST NO.** 09
TO: Time Critical Munitions and Explosives of Concern Removal Action Work Plan for Site 12 Explosive Ordnance Disposal Area and Former Munitions Bunker West Area	**LOCATION:** NAS Brunswick, ME	**DATE:** 1 August, 2010

RE:

Drawing # _____ Title: _____

Specific Sections: 1. Title: ADDENDUM DATED MAY 26, 2010

Other: Page 1.

1. DESCRIPTION : Add after second paragraph;

A red flag shall be displayed near the magazines whenever magazines containing MEC/MPPEH or donor charge are open.

2. REASON FOR CHANGE: The requirement for a red (bravo) flag was not addressed in the Work Plan.

3. RECOMMENDED DISPOSITION (Submit sketch, if applicable):

x Minor Change _____ Major Change (Impacts Cost, Schedule)

4. DISPOSITION: (Approval Required by Client Representative)

_____ Not Approved (give reason).

x Considered minor change – APPROVED per recommended disposition – Documents will not be formally revised. Field office to maintain as –built records.

_____ Considered major change – Client approval required via contract modification process

Prepared by (Signature) Ralph Brooks	**Date: 1 August, 2010**
Tetra Tech UXO Manager (Signature) Ralph Brooks	**Date: 9 August, 2010**
Tetra Tech Project Manager (Signature) Linda Klunk	**Date:** 8/9/10
Navy Point of Contact / Client Representative (Signature) NA	**Date:**

FIELD CHANGE REQUEST (FCR)

CONTRACT TASK ORDER NAME: MEC Removal Action Work Plan	**CTO #** WE09	**CHANGE REQUEST NO.** 10
TO: Time Critical Munitions and Explosives of Concern Removal Action Work Plan for Site 12 Explosive Ordnance Disposal Area and Former Munitions Bunker West Area	**LOCATION:** NAS Brunswick, ME	**DATE:** 1 August, 2010

RE:

Drawing # _____ Title: _____

Specific Sections: 2.8.1. Title: Site Accessibility and Traffic Control

Other: Page 2-12. Paragraph 5

1. DESCRIPTION : Add after fifth paragraph;

A red flag shall be displayed on the barricades at main access points whenever MEC/MPPEH investigation and treatment operations are in progress. The UXOSO will conduct an operational risk management assessment prior to permitting authorized visitors to enter the exclusion zone. The Risk Assessment Code will be entered on the Visitors Log next to the authorized visitor's name.

2. REASON FOR CHANGE: The requirement for a red (bravo) flag was not addressed in the Work Plan. Visitors Log will be used to record that a risk assessment was conducted and what was the determination.

3. RECOMMENDED DISPOSITION (Submit sketch, if applicable):

x Minor Change _____ Major Change (Impacts Cost, Schedule)

4. DISPOSITION: (Approval Required by Client Representative)

_____ Not Approved (give reason).

x Considered minor change – APPROVED per recommended disposition - Documents will not be formally revised. Field office to maintain as –built records.

_____ Considered major change – Client approval required via contract modification process

Prepared by (Signature) Ralph Brooks	**Date: 1 August, 2010**
Tetra Tech UXO Manager (Signature) Ralph Brooks	**Date: 9 August, 2010**
Tetra Tech Project Manager (Signature) Linda Klink	**Date:** 8/9/10
Navy Point of Contact / Client Representative (Signature) NA	**Date:**

FIELD CHANGE REQUEST (FCR)

CONTRACT TASK ORDER NAME: MEC Removal Action Work Plan	**CTO #** WE09	**CHANGE REQUEST NO.** 11
TO: Time Critical Munitions and Explosives of Concern Removal Action Work Plan for Site 12 Explosive Ordnance Disposal Area and Former Munitions Bunker West Area	**LOCATION:** NAS Brunswick, ME	**DATE:** 1 August, 2010

RE:

Drawing # _____ Title: _____

Specific Sections: 3.2.5. _____ Title: Receipt Procedures

Other: Page 3-3 _____

1. **DESCRIPTION : Add Second Sentence;**

Any remaining partially-filled explosives packages will be marked "LIGHT BOX" in accordance with OP5 paragraph 11-2.6.4.

2. REASON FOR CHANGE: The requirement for marking partially-filled explosives packages was not addressed in the Work Plan.

3. RECOMMENDED DISPOSITION (Submit sketch, if applicable):

_x_ Minor Change _____ Major Change (Impacts Cost, Schedule)

4. DISPOSITION: (Approval Required by Client Representative)

_____ Not Approved (give reason).

_x_ Considered minor change – APPROVED per recommended disposition – Documents will not be formally revised. Field office to maintain as -built records.

_____ Considered major change – Client approval required via contract modification process

Prepared by (Signature) Ralph Brooks	**Date: 1 August, 2010**
Tetra Tech UXO Manager (Signature) Ralph Brooks	**Date: 9 August, 2010**
Tetra Tech Project Manager (Signature) Linda Klunk	**Date:** 8/9/10
Navy Point of Contact / Client Representative (Signature) NA	**Date:**

FIELD CHANGE REQUEST (FCR)

CONTRACT TASK ORDER NAME: MEC Removal Action Work Plan	**CTO #** WE09	**CHANGE REQUEST NO.** 12
TO: Time Critical Munitions and Explosives of Concern Removal Action Work Plan for Site 12 Explosive Ordnance Disposal Area and Former Munitions Bunker West Area	**LOCATION:** NAS Brunswick, ME	**DATE:** 1 August, 2010

RE:

Drawing # _____ Title: _____

Specific Sections: 2.7 Title: MOBILIZATION, SET-UP, AND PRELIMINARY ACTIVITIES

Other: Page 2-11

1. DESCRIPTION : Add After Second Sentence;

Medical surveillance requirements will include certification of explosive vehicle operators as certified to transport ammunition and explosives. Tetra Tech will prepare a letter to certify the explosive vehicle operators as fully qualified to operate an explosives-laden vehicle.

2. REASON FOR CHANGE: The requirement to document that explosives vehicle operators are medically certified and fully qualified to operate explosive-laden vehicles.

3. RECOMMENDED DISPOSITION (Submit sketch, if applicable):

x Minor Change _____ Major Change (Impacts Cost, Schedule)

4. DISPOSITION: (Approval Required by Client Representative)

_____ Not Approved (give reason).

x Considered minor change – APPROVED per recommended disposition – Documents will not be formally revised. Field office to maintain as –built records.

_____ Considered major change – Client approval required via contract modification process

Prepared by (Signature) Ralph Brooks	**Date: 1 August, 2010**
Tetra Tech UXO Manager (Signature) Ralph Brooks	**Date: 9 August, 2010**
Tetra Tech Project Manager (Signature) Linda Klink	**Date:** 8/9/10
Navy Point of Contact / Client Representative (Signature) NA	**Date:**

FIELD CHANGE REQUEST (FCR)

CONTRACT TASK ORDER NAME: MEC Removal Action Work Plan	**CTO #** WE09	**CHANGE REQUEST NO.** 13
TO: Time Critical Munitions and Explosives of Concern Removal Action Work Plan for Site 12 Explosive Ordnance Disposal Area and Former Munitions Bunker West Area	**LOCATION:** NAS Brunswick, ME	**DATE:** 1 August, 2010

RE:

Drawing # _____ Title: _____

Specific Sections: 2.4.3 Title: Equipment Checkout and Calibration

Other: Page 2-7; Second Paragraph

1. **DESCRIPTION : Last Sentence of Second Paragraph Change to Read;** Positional accuracy will be within manufactures standard for the GPS equipment used. Positional accuracy achieved will be recorded on the Daily QC Report.

2. REASON FOR CHANGE: The requirement for 8-inch positional accuracy of data during this phase of the project is unnecessary.

3. RECOMMENDED DISPOSITION (Submit sketch, if applicable):

x Minor Change _____ Major Change (Impacts Cost, Schedule)

4. DISPOSITION: (Approval Required by Client Representative)

_____ Not Approved (give reason).

x Considered minor change – APPROVED per recommended disposition – Documents will not be formally revised. Field office to maintain as -built records.

_____ Considered major change – Client approval required via contract modification process

Prepared by (Signature) Ralph Brooks	**Date: 1 August, 2010**
Tetra Tech UXO Manager (Signature) Ralph Brooks	**Date: 9 August, 2010**
Tetra Tech Project Manager (Signature) Linda Klunk	**Date:** 8/9/10
Navy Point of Contact / Client Representative (Signature) NA	**Date:**

FIELD CHANGE REQUEST (FCR)

CONTRACT TASK ORDER NAME: MEC Removal Action Work Plan	**CTO #** WE09	**CHANGE REQUEST NO.** 14
TO: Time Critical Munitions and Explosives of Concern Removal Action Work Plan for Site 12 Explosive Ordnance Disposal Area and Former Munitions Bunker West Area	**LOCATION:** NAS Brunswick, ME	**DATE:** 1 August, 2010

RE:

Drawing # _____ Title: _____

Specific Sections: 2.12 Title: REPORTING AND DISPOSITION OF MEC

Other: Page 2-20: Last Paragraph

1. **DESCRIPTION : Add Sentence at end of Last Paragraph;** MEC Tracking Log will be reviewed for accuracy by SUXOS, UXOQCS, and UXO Manager on days when MEC is discovered, or disposition of MEC recorded on the tracking log changed.

2. REASON FOR CHANGE: The MEC Tracking Log is used to track MEC from discovery to final disposition and a regular review will insure the data collected for the site is accurate and complete.

3. RECOMMENDED DISPOSITION (Submit sketch, if applicable):

x Minor Change _____ Major Change (Impacts Cost, Schedule)

4. DISPOSITION: (Approval Required by Client Representative)

_____ Not Approved (give reason).

x Considered minor change – APPROVED per recommended disposition – Documents will not be formally revised. Field office to maintain as –built records.

_____ Considered major change – Client approval required via contract modification process

Prepared by (Signature) Ralph Brooks	**Date: 1 August, 2010**
Tetra Tech UXO Manager (Signature) Ralph Brooks	**Date: 9 August, 2010**
Tetra Tech Project Manager (Signature) Linda Kirk	**Date:** 8/9/10
Navy Point of Contact / Client Representative (Signature) NA	**Date:**

FIELD CHANGE REQUEST (FCR)

CONTRACT TASK ORDER NAME: MEC Removal Action Work Plan	**CTO #** WE09	**CHANGE REQUEST NO.** 15
TO: Time Critical Munitions and Explosives of Concern Removal Action Work Plan for Site 12 Explosive Ordnance Disposal Area and Former Munitions Bunker West Area	**LOCATION:** NAS Brunswick, ME	**DATE:** 1 August, 2010

RE:

Drawing # _____ Title: _____

Specific Sections: 3.2.4 Title: Transportation

Other: Page 3-2; First Paragraph

1. **DESCRIPTION : Add Sentence at end of First Paragraph;** The use of rental vehicles for the transport of hazardous material (explosives0) requires written approval from the rental vehicle agency corporate headquarters, and Navy headquarters.

2. REASON FOR CHANGE: Use of Corporate approved rental vehicle agency requires notification and approval.

3. RECOMMENDED DISPOSITION (Submit sketch, if applicable):

x Minor Change _____ Major Change (Impacts Cost, Schedule)

4. DISPOSITION: (Approval Required by Client Representative)

_____ Not Approved (give reason).

x Considered minor change – APPROVED per recommended disposition – Documents will not be formally revised. Field office to maintain as -built records.

_____ Considered major change – Client approval required via contract modification process

Prepared by (Signature) Ralph Brooks	**Date: 1 August, 2010**
Tetra Tech UXO Manager (Signature) Ralph Brooks	**Date: 9 August, 2010**
Tetra Tech Project Manager (Signature) Linda Klunk	**Date:** 8/9/10
Navy Point of Contact / Client Representative (Signature)	**Date:**

FIELD CHANGE REQUEST (FCR)

CONTRACT TASK ORDER NAME: MEC Removal Action Work Plan	**CTO #** WE09	**CHANGE REQUEST NO.** 16
TO: Time Critical Munitions and Explosives of Concern Removal Action ; Work Plan for Site 12 Explosive Ordnance Disposal Area and Former Munitions Bunker West Area	**LOCATION:** NAS Brunswick, ME	**DATE:** 5 August, 2010

RE:

Drawing # _____ Title: _____

Specific Sections: 2.4.2 Title: Navigational Equipment, Method, and Standards

Other: Page 2-6; last paragraph

1. DESCRIPTION : Clarification of reacquisition of targets for intrusive investigation.

2. REASON FOR CHANGE:

The reacquisition process needed to be clarified to de-emphasize the need for pinpoint GPS accuracy. The GPS will serve as a navigational guide to position the user within meters of the previously detected target location at FMBW. Once in the vicinity of the anomaly, targets will be reacquired using a real-time detector instrument(s) to allow the operator to fix on the exact location of the previously identified anomaly. See revised attached text in revisions mode.

3. RECOMMENDED DISPOSITION (Submit sketch, if applicable):

_x_ Minor Change _____ Major Change (Impacts Cost, Schedule)

4. DISPOSITION: (Approval Required by Client Representative)

_____ Not Approved (give reason).

_x_ Considered minor change – APPROVED per recommended disposition – Documents will not be formally revised. Field office to maintain as –built records.

_____ Considered major change – Client approval required via contract modification process

Prepared by (Signature) Linda Klink (w/ input from Mark Maguire, GIS)	**Date: 5 August, 2010**
Tetra Tech UXO Manager (Signature) Ralph B Scarbo	**Date:** 8/5/10
Tetra Tech Project Manager (Signature) Linda Klink	**Date:** 8/5/10
Navy Point of Contact / Client Representative (Signature)	**Date:**

2.4.2 Navigational Equipment, Method, and Standards

A Trimble GPS, or equivalent, will be used for navigational data collection, corner grid stake location, and reacquisition of SI data, including target anomalies at FMBW and anomalies at Site 12 EOD Area where needed to aid in locating proposed trenches. Refer to Appendix J-3 for GPS coordinates. Depending on the amount of interference from the tree canopy, use of other navigational systems (e.g., tape measure and compass) may be necessary to assist GPS methods in meeting project objectives. Horizontal accuracy of reacquired anomalies (FMBW Area SI targets only) will be 95 percent of anomaly locations within a ~~1 meter~~ radius of their original surface location as marked on the dig sheets generated during the SI. Under ideal conditions, this radius will be less than 1 meter but more likely between 1 and 2 meters, based on current conditions at the FMBW. Horizontally, 95 percent of all items removed during the intrusive investigation will be within a 35-centimeter radius of their reacquired surface location as marked in the field after reacquisition. Sensor data will be correlated with navigational data based on a local "third-order" monument or survey marker. These standards were established using guidance from Engineering Manual (EM) 1110-1-4009 (USACE, 2007). If suspect MEC is encountered, its location will be recorded and/or marked using a GPS, tape measure, or other grid coordinate location system.

TETRA TECH
MRP FF.23
FIELD CHANGE REQUEST (FCR)

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

CONTRACT TASK ORDER NAME: N6247203-D-0057	**CTO # 69**	**CHANGE REQUEST NO. 01**
TO: Site 12 and The Quarry	**LOCATION: Former NAS Brunswick, Brunswick, Maine**	**DATE:9-13-2011**

RE:

SAP Worksheet: _____ Section: _____

ESS Section: _____

SOP Section: _____

Other: TCRA_Work Plan, HASP Site 12, HASP THE QUARRY

1. DESCRIPTION (cite or attach specific text/figure changes, as necessary): See Attached. Revised Pages will be included in the TCRA Work Plan, HASP Site 12, and HASP The Quarry.

2. REASON FOR CHANGE: Updated contact information in all three documents.

3. RECOMMENDED DISPOSITION (Submit sketch, if applicable):

_X_ Minor Change _____ Major Change (Impacts Cost, Schedule)

4. APPROVAL:

_____ Not Approved (give reason).

_X_ Considered minor change – APPROVED per recommended disposition – Documents will not be formally revised.

_____ Considered major change – Client approval required via contract modification process

Prepared by (signature)	**Date: 9-13-2011**
Tetra Tech UXO Manager (Signature)	**Date: 9-13-2011**
Tetra Tech Project Manager (Signature) Linda Klink	**Date:** 9/14/11
Client Point of Contact / Client Representative (Signature) (Not applicable if minor change) NA	**Date:** —

Table 2-1
EMERGENCY CONTACT NUMBERS
FORMER NAS BRUNSWICK, BRUNSWICK, MAINE

AGENCY	PHONE NUMBER
Emergency Number for Fire, Police, and Ambulance ~~NAS Brunswick Emergency Number for On-Base Fire and Police and Ambulance~~	**9-1-1** ~~or~~ ~~**(207) 921-1719**~~
Fire Department (non-emergency): Central Station 21 Town Hall Place Brunswick, Maine 04011-2003	(207) 725-5541 ~~(207) 921-1719~~
~~Site Contact, Lisa Joy~~	~~(207) 921-1717~~
Police Department (non-emergency): 28 Federal Street Brunswick, Maine 04011	(207) 725-5521 ~~(207) 921-1719~~
Mid Coast Hospital	(207) 373-3635
BRAC PMO NE Remedial Project Manager (RPM): Todd Bober	(215) 897-4911
~~NASB Point of Contact (POC), Mike Fagan~~ Former NAS Brunswick Point of Contact (POC): Robert LeClerc Public Works Officer Building 53	~~(207) 921-1717~~ (207) 406-2290
EOD Support: EODMU TWELVE DET Newport 1176 Howell Street BLDG 119 Code 0032 Newport, RI, 02841-1708	~~Contact the RPM or POC~~ (401) 832-3301
~~Explosives Safety Officer, Brion Hall~~	~~207 921-1319~~
Chemtrec	(800) 424-9300
National Response Center	(800) 424-8802
NORTHERN NEW ENGLAND POISON CENTER	(800) 222-1222
WorkCare	(800) 455-6155 ext. 109
Tetra Tech Office, Pittsburgh	(412) 921-7090
Tetra Tech NUS Project Manager, Linda Klink	(412) 921-8650
Project Health and Safety Officer, James K. Laffey	(412) 921-8679
CLEAN Health and Safety Manager: Matthew M. Soltis, CIH, CSP	(800) 245-2730 ext. 8912. OR (412) 921-8912
Tetra Tech UXO Program Manager, Ralph Brooks	(770) 413-0965 ext 231

1.2 SITE INFORMATION AND PERSONNEL ASSIGNMENTS

Site Name: NAS Brunswick
Address: Brunswick, Maine

Client Contact: ~~Mike Fagan~~ Robert LeClerc
Phone Number: ~~(207) 921-1717~~ (207)406-2290
~~**Alternate Contact:** Lisa Joy~~
~~**Phone Number:** (207) 921-1720~~

Project Team:

Tetra Tech NUS Personnel:	Discipline/Tasks Assigned:	Phone Numbers
Linda Klink, P.E.	Project Manager	(412) 921-8650
Matthew M. Soltis, CIH, CSP	Manager of Health and Safety	(412) 921-8912
Eric M. Samuels	Project Health and Safety Officer	(770) 413-0965
TBD	Field Operations Leader	
TBD	Field Technician and UXO Specialist	
TBD	Site Safety Officer	

Non-Tetra Tech NUS Personnel	Affiliation/Discipline/Tasks Assigned
TBD	

Hazard Assessment (for purpose of 29 CFR 1910.132) for HASP preparation has been conducted by:

Eric M. Samuels

Table 2-1
EMERGENCY CONTACT NUMBERS
FORMER NAS BRUNSWICK, BRUNSWICK, MAINE

AGENCY	PHONE NUMBER
Emergency Number for Fire, Police, and Ambulance ~~NAS Brunswick Emergency Number~~ ~~for On-Base Fire and Police and Ambulance~~	9-1-1 ~~or~~ ~~(207) 921-1719~~
Fire Department (non-emergency): Central Station 21 Town Hall Place Brunswick, Maine 04011-2003	(207) 725-5541 ~~(207) 921-1719~~
Police Department (non-emergency): 28 Federal Street Brunswick, Maine 04011	(207) 725-5521 ~~(207) 921-1719~~
Mid Coast Hospital	(207) 373-3635
BRAC PMO NE Remedial Project Manager (RPM): Todd Bober	(215) 897-4911
~~NASB Point of Contact (POC), Mike Fagan~~ ~~Alternate Point of Contact, Lisa Joy~~	~~(207) 921-1717~~ ~~(207) 921--1720~~
~~Explosives Safety Officer, Brion Hall~~	~~207-921-1319~~
EOD Support, NAVST Newport, Rhode Island: EODMU TWELVE DET Newport 1176 Howell Street BLDG 119 Code 0032 Newport, RI, 02841-1708	~~Contact the RPM or POC~~ (401) 832-3301
NORTHERN NEW ENGLAND POISON CENTER	(800) 222-1222
~~NASB Point of Contact (POC), Mike Fagan~~ Former NAS Brunswick Point of Contact (POC): Robert LeClerc Public Works Officer Building 53	~~(207) 921-1717~~ (207) 406-2290
Chemtrec	(800) 424-9300
National Response Center	(800) 424-8802
WorkCare	(800) 455-6155 ext. 109
Tetra Tech Office, Pittsburgh	(412) 921-7090
Tetra Tech NUS Project Manager, Linda Klink	(412) 921-8650
Project Health and Safety Officer, Eric Samuels	(770)413-0965 ext 232
CLEAN Health and Safety Manager: Matthew M. Soltis, CIH, CSP	(800) 245-2730 ext. 8912. OR (412) 921-8912
Tetra Tech UXO Program Manager, Ralph Brooks	(770) 413-0965 ext 231

EMERGENCY REFERENCE
LOCAL POINTS OF CONTACT
FORMER NAS BRUNSWICK, BRUNSWICK, MAINE

CONTACT	PHONE NUMBER
Emergency Number for Fire, Police, and Ambulance	**9-1-1**
Fire Department (non-emergency): Central Station 21 Town Hall Place Brunswick, Maine 04011-2003	(207) 725-5541
Police Department (non-emergency): 28 Federal Street Brunswick, Maine 04011	(207) 725-5521
Mid Coast Hospital	(207) 373-3635
BRAC PMO NE Remedial Project Manager (RPM): Todd Bober	(215) 897-4911
BRAC PMO NE Environmental Coordinator: Paul Burgio	215-897-4915
EOD Support: EODMU TWELVE DET Newport 1176 Howell Street BLDG 119 Code 0032 Newport, RI, 02841-1708	(401) 832-3301
Former NAS Brunswick Point of Contact (POC): Robert LeClerc Public Works Officer Building 53	~~(207) 921-2281~~ (207) 406-2290
Chemtrec	(800) 424-9300
National Response Center	(800) 424-8802
NORTHERN NEW ENGLAND POISON CENTER	(800) 222-1222
WorkCare	(800) 455-6155 ext. 109
CLEAN Health and Safety Manager: Matthew M. Soltis, CIH, CSP	(800) 245-2730 ext. 8912. OR (412) 921-8912

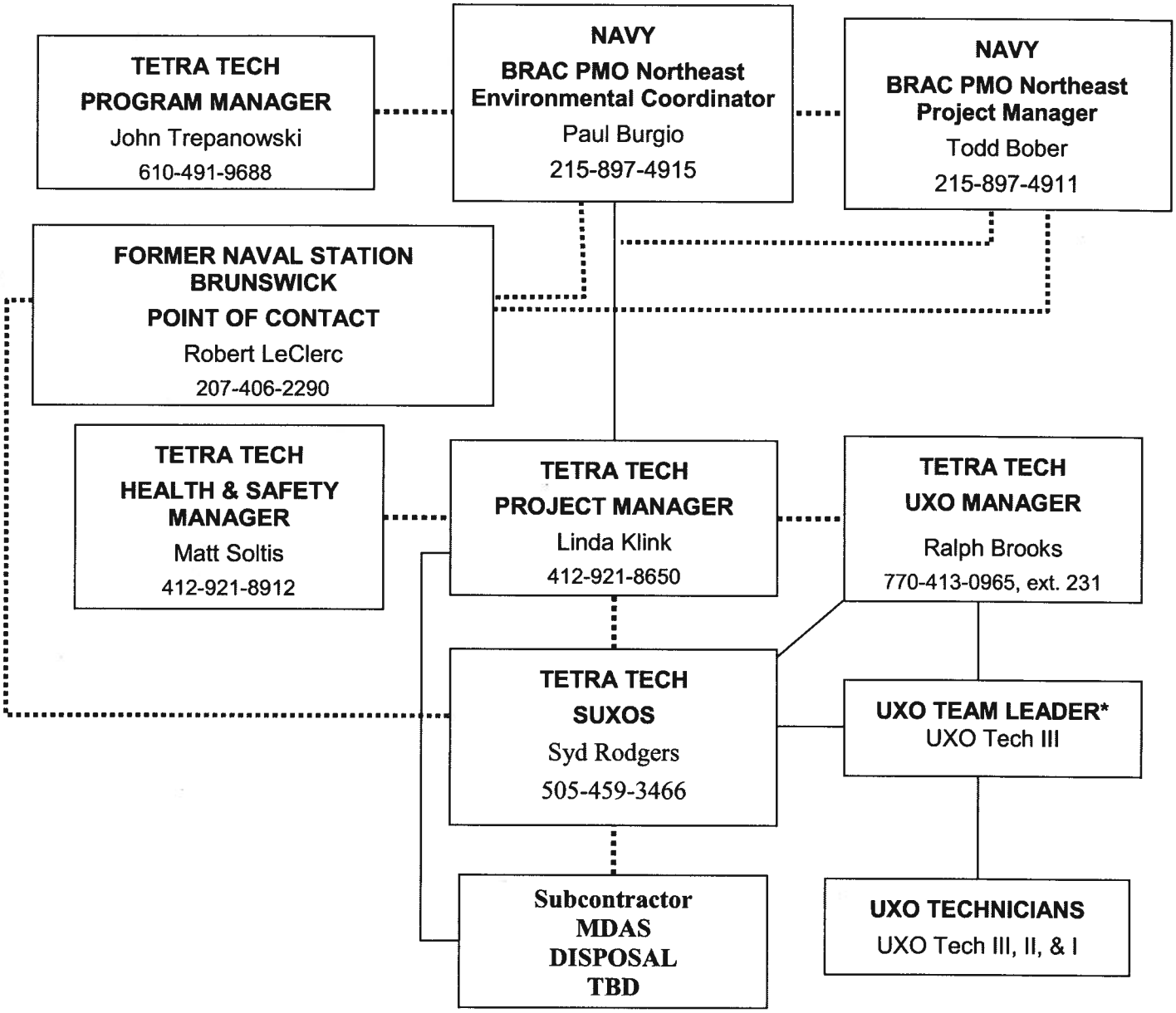
Project Specific Contact Information
Former Naval Air Station Brunswick
Brunswick, Maine

Name	Title/Role	Organization	Telephone Number (Optional)	E-Mail Address or Mailing Address
Todd Bober	Remedial Project Manager (RPM)	Navy BRAC PMO NE 4911 South Broad Street Philadelphia, PA 19112	215-897-4911	todd.bober@navy.mil
Paul Burgio	BRAC Environmental Coordinator	Navy BRAC PMO NE 4911 South Broad Street Philadelphia, PA 19112	215-897-4915	paul.burgio@navy.mil
Victoria Boundy	Planning and Environmental Manager (MMRA)	Midcoast Regional Redevelopment Authority 5450 Fitch Avenue Brunswick, ME 04011	207-798-6512	victoriab@mrra.us
Michael Green	MRP Senior Technical Advisor	NAVFAC Atlantic Attn: Code EV32 6506 Hampton Blvd., LRA Bldg. A Norfolk, VA 23508	757-322-8108	mike.green@navy.mil
Robert LeClerc	Former NAS Brunswick Point of Contact (POC)	Public Works Officer Building 53	207- 406-2290 ~~207 921 2281~~	robert.leclerc@navy.mil
Carolyn LePage	Technical Advisor to BASCE	LePage Environmental Services 731 Hotel Road Auburn, ME 04210	207-777-1049	calepage@adelphia.net
Jennifer Wright	Environmental Technical Support	NAVFAC Atlantic Attn: Code EV32 6506 Hampton Blvd Norfolk, VA 23508-1278 Jen (Code EV32JW)	757-322-8428	Jennifer.H.Wright@navy.mil
David Barclift	Navy BRAC PMO NE Technical Support	Navy BRAC PMO NE 4911 South Broad Street Philadelphia, PA 19112	215-897-4913	david.barclift@navy.mil
Michael Daly	Remedial Project Manager	USEPA Region I Federal Facilities Superfund Section 1 Congress Street, Suite 1100 (HBT) Boston, MA 02114-2023	617-918-1386	Daly.Mike@epamail.epa.gov

Name	Title/Role	Organization	Telephone Number (Optional)	E-Mail Address or Mailing Address
Claudia Sait	Remedial Project Manager	Maine Department of Environmental Protection Bureau of Remediation & Waste Management State House, Station 17 Augusta, ME 04333-0017	207-287-7713	claudia.b.sait@maine.gov
Chris Evans	Project Hydrogeologist	Maine Department of Environmental Protection Bureau of Remediation & Waste Management State House, Station 17 Augusta, ME 04333-0017	207-287-7656	Gordon.C.Evans@maine.gov
Linda Klink	Tetra Tech Project Manager (PM)	Tetra Tech NUS, Inc. 661 Andersen Drive Foster Plaza 7 Pittsburgh, PA 15220	412-921-8650	linda.klink@tetratech.com
Ralph Brooks	Tetra Tech UXO Manager	Tetra Tech NUS, Inc. 2171 West Park Court, Suite E Stone Mountain, GA 30087	770-413-0965 (Ext. 231)	ralph.brooks@tetratech.com
Tom Johnston	Tetra Tech Project Chemist and Quality Assurance Manager (QAM)	Tetra Tech NUS, Inc. 661 Andersen Drive Foster Plaza 7 Pittsburgh, PA 15220	412-921-8615	tom.johnston@tetratech.com
Matt Soltis (HASP only)	Tetra Tech Health and Safety Manager (HSM)	Tetra Tech NUS, Inc. 661 Andersen Drive Foster Plaza 7 Pittsburgh, PA 15220	412-921-8912	matt.soltis@tetratech.com
John Trepanowski	Tetra Tech Program Manager	Tetra Tech NUS, Inc. 234 Mall Boulevard, Suite 260 King of Prussia, PA 19406	610-491-9688	john.trepanowski@tetratech.com

PROJECT ORGANIZATION CHART

Lines of Authority ——— ····· Lines of Communication



* - Dual-hatted position

Note: Specific staffing is contingent on project schedule and experience and availability of personnel.

APPENDIX B

DAILY FIELD QC/SAFETY LOGS

B.1 HASP SIGNATURE FORM

B.2 DAILY QC LOGS

B.3 DAILY INSTRUMENT IVS REPORT

B.4 FOLLOW-UP QC REPORT

B.5 DAILY SAFETY LOGS

B.6 TAILGATE SAFETY

B.7 LESSONS LEARNED

B.8 INITIAL PHASE INSPECTION REPORT

B.9 PREPARATORY PHASE INSPECTION REPORTS

B.10 MOTOR VEHICLE INSPECTION

B.11 EQUIPMENT INSPECTION CHECKLISTS

B.12 EQUIPMENT LOGS

B.13 EXPLOSIVES DRIVER CERTIFICATION

B.1 HASP SIGNATURE FORM

FIGURE 8-1

SITE-SPECIFIC TRAINING DOCUMENTATION

My signature below indicates that I am aware of the potential hazardous nature of performing Time Critical Removal Action activities at NASB, in Brunswick, Maine and that I have received site-specific training which included the elements presented below:

- Names of designated personnel and alternates responsible for site safety and health
- Safety, health, and other hazards present on site
- Use of personal protective equipment
- Work practices to minimize risks from hazards
- Medical surveillance requirements
- Signs and symptoms of overexposure
- Contents of the Health and Safety Plan
- Emergency response procedures (evacuation and assembly points)
- Spill response procedures
- Review of contents of relevant Material Safety Data Sheets
- Review of the use of the APP and Activity Hazard Analysis

I have been given the opportunity to ask questions and my questions have been answered to my satisfaction, and that the dates of my training and medical surveillance indicated below are accurate.

Name (Printed and Signature)	Site-Specific Training Date	40-Hour Training (Date)	8-Hour Refresher Training (Date)	8-Hour Supervisory Training (Date)	Medical Exam
Sid Rodgers	6/8/10	10/10/91	13 APR 2010		2/26/10
Frank Montes	6/8/10	1/6/99	6/8/10		1/28/10
Matthew Norman Piper	6/8/10	5/15/09	6/8/10		7/28/09
MARK SOHA	5/8/10	4/21/95	6/8/10		6/17/10 ~~6/27/08~~
ED ALPER	5/8/10	8/17/01	6/8/10		6/17/10 ~~6/10/08~~
GLEN CHILDERS	6/8/10	8/13/93	6/8/10	6/9/05	1/22/10
A E SMITH	6/8/10	5/1/09	6/8/10		6/17/10 ~~7/22/09~~
Jeff Fournier	6/8/10	SEP 96	FEB 10	April 01	June 08
FRANK LONEY	6/8/10	5/1/09	6/8/10		1/19/10
ARNOLD P. BURR	6/28/10				
Jacob A. Clement	7/7/10	2/23/01	7/2/10		7/1/10

FIGURE 6-1

SITE-SPECIFIC TRAINING DOCUMENTATION

My signature below indicates that I am aware of the potential hazardous nature of performing field investigation activities at NAS Brunswick, and that I have received site-specific training which included the elements presented below:

- Names of personnel responsible for site safety and health
- Safety, health, and other hazards present on site
- Use of personal protective equipment
- Safe use of engineering controls and equipment
- Medical surveillance requirements
- Signs and symptoms of overexposure
- Emergency response procedures (evacuation/assembly area)
- Incipient response procedures
- Review of the contents of relevant Material Safety Data Sheets
- Review of the use of AHAs
- Stop work authorization and process

I have been given the opportunity to ask questions and all of my questions have been answered to my satisfaction. The dates of my training and my medical surveillance requirements indicated below are accurate to the best of my knowledge.

Name Printed and Signature	Site-Specific	40-Hour	8-Hour Refresher	8-Hour Supervisor	Medical Exam	UXO	RAD
Syd Rodgers	9/19/2011	10/91	5/11	9/03	2/26/12	6/67	
Peter Dummitt	9/19/2011	6/88	5/11	7/05	9/22/13	6/69	Safety 1/05 | QC 1/06
Frank Montes	9/19/2011	1/99	9/11		1/28/12	1/91	
Nicholas Brantley	9/19/2011	5/11	N/A		5/5/13	3/07	
Shaun Woods	9/19/2011	11/06	10/10		8/27/12	11/06	
James Corder	9/19/2011	5/09	5/11		7/13/13	4/11	

B.2 DAILY QC LOGS

DAILY QUALITY CONTROL REPORT

Project Name: NAS Brunswick | Report No: 1

Project No: 112G02063 | Location: Brunswick, ME | Date: 6/7/10

☐ Sunday ☒ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday

Weather/Precipitation: Partly Cloudy	High Temperature: 76 Low Temperature: 52	Wind: WNW@ 5-10	Humidity

I. Personnel Present (Reference/attach SUXOS's daily report if applicable)

Name	Position	Company
Jeff Fournier	USO Site Manager	Tetra Tech NUS
Syd Rodgers	SUXOS	Tetra Tech NUS

II. Work Performed

Mob In, Site set up, prepare magazines

III. Quality Control Activities (Reference/attach inspection/surveillance reports):

Email from Brion Hall ESO for NASB; magazines are not grounded per OP5 requirements.

IV. Problems Encountered / Corrective Actions Taken

Magazines did not meet grounding requirements. Local electrician contacted to properly ground the magazines, he will be back Wednesday to ground one and Friday for the other.

V. Directions Given / Received:

VI. Special Notes / Lessons Learned

Review OP 5; follow requirements as stated in OP5 when grounding magazines. Check local requirements.

VII. Visitors

Jim Kelly Enterprise Electric

VIII. Approval

Name and Signature: Glen Childers	Title/Company: Safety/QC, Tetra Tech	Date: 6/7/10

Revised April 2005

DAILY QUALITY CONTROL REPORT

Project Name: NAS Brunswick | Report No: 2

Project No: 112G02063 | Location: Brunswick, ME | Date: 6/8/10

☐ Sunday ☐ Monday ☒ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday

Weather/Precipitation: Mostly Sunny, afternoon thunderstorms	High Temperature: 65 Low Temperature: 48	Wind: WNW @ 10-15	Humidity

I. Personnel Present (Reference/attach SUXOS's daily report if applicable)

Name	Position	Company
Jeff Fournier	UXO Site Manager	Tetra Tech NUS
Syd Rodgers	SUXOS	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Ed Alder	Tech II	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS
Peter Dummitt	Tech III (8 Hour Refresher Instructor)	Tetra Tech NUS

II. Work Performed

8 hour OSHA Refresher, Locate ground wire loop for storage magazine, review work plan and health and safety plan, review SOPs

III. Quality Control Activities (Reference/attach inspection/surveillance reports):

N/A

IV. Problems Encountered / Corrective Actions Taken

N/A

V. Directions Given / Received:

N/A

VI. Special Notes / Lessons Learned

N/A

VII. Visitors

None

VIII. Approval

Name and Signature: Glen Childers	Title/Company: Safety/QC Tetra Tech NUS	Date: 6/8/10

Revised April 2005

DAILY QUALITY CONTROL REPORT

Project Name: NAS Brunswick | Report No: 3

Project No: 112G02063 | Location: Brunswick, ME | Date: 6/9/10

☐ Sunday ☐ Monday ☐ Tuesday ☒ Wednesday ☐ Thursday ☐ Friday ☐ Saturday

Weather: Mostly Sunny	High Temperature: 69 Low Temperature: 43	Wind: SW @ 5-10	Humidity 94%

I. Personnel Present (Reference/attach SUXOS's daily report if applicable)

Name	Position	Company
Jeff Fournier	USO Site Manager	Tetra Tech NUS
Syd Rodgers	SUXOS	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Ed Alder	Tech II	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS

II. Work Performed

Dug holes for installation of grounds on magazines, picked up brush cutting equipment, cut grass around magazines, install IVS.

III. Quality Control Activities (Reference/attach inspection/surveillance reports):

N/A

IV. Problems Encountered / Corrective Actions Taken

Grounds were installed on magazines, grass was cut around magazines

V. Directions Given / Received:

N/A

VI. Special Notes / Lessons Learned

N/A

VII. Visitors

None

VIII. Approval

Name and Signature: Glen Childers	Title/Company: Safety/QC, Tetra Tech	Date: 6/9/10

Revised April 2005

DAILY QUALITY CONTROL REPORT

Project Name: NAS Brunswick | Report No: 4

Project No: 112G02063 | Location: Brunswick, ME | Date: 6/10/10

☐ Sunday ☐ Monday ☐ Tuesday ☐ Wednesday ☒ Thursday ☐ Friday ☐ Saturday

Weather: Rain becoming intermittent showers in the afternoon	High Temperature: 57 Low Temperature: 54	Wind: ESE @ 5-10	Humidity 91%

I. Personnel Present (Reference/attach SUXOS's daily report if applicable)

Name	Position	Company
Jeff Fournier	USO Site Manager	Tetra Tech NUS
Syd Rodgers	SUXOS	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Ed Alder	Tech II	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS

II. Work Performed

Brush cutting using the bush hog and weed eater.

III. Quality Control Activities (Reference/attach inspection/surveillance rep orts):

N/A

IV. Problems Encountered / Corrective Actions Taken

Shear pin on bush hog broke, acquired new shear pin and extras.

V. Directions Given / Received:

N/A

VI. Special Notes / Lessons Learned

N/A

VII. Visitors

N/A

VIII. Approval

Name and Signature: Glen Childers	Title/Company: Safety/QC, Tetra Tech	Date: 6/10/10

SGS

Revised April 2005

DAILY QUALITY CONTROL REPORT

Project Name: NAS Brunswick | Report No: 5

Project No: 112G02063 | Location: Brunswick, ME | Date: 6/11/10

☐ Sunday ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☒ Friday ☐ Saturday

Weather: Mostly Sunny	High Temperature: 69 Low Temperature: 44	Wind: SSW @ 5-10	Humidity 98%

I. Personnel Present (Reference/attach SUXOS's daily report if applicable)

Name	Position	Company
Jeff Fournier	UXO Site Manager	Tetra Tech NUS
Syd Rodgers	SUXOS	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Ed Alder	Tech II	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Albert Smith	Tech I	Tetra Tech NUS

II. Work Performed

Brush cutting using weed eater, and brush hog, staking out grids, marked perimeter of Site 12 EOD area with pin flags.

III. Quality Control Activities (Reference/attach inspection/surveillance rep orts):

N/A

IV. Problems Encountered / Corrective Actions Taken

Gear shaft on brush hog is loose, taken back to rental agency for repair. Brush hog repaired and back on site.

V. Directions Given / Received:

N/A

VI. Special Notes / Lessons Learned

N/A

VII. Visitors

N/A

VIII. Approval

Name and Signature: Glen Childers	Title/Company: Safety/QC, Tetra Tech	Date: 6/11/10

Revised April 2005

DAILY QUALITY CONTROL REPORT

Project Name: NAS Brunswick | Report No: 6

Project No: 112G02063 | Location: Brunswick, ME | Date: 6/12/10

☐ Sunday ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☒ Saturday

Weather: Cloudy, 40% chance of rain	High Temperature: 69 Low Temperature: 52	Wind: ESE @ 5-10	Humidity 98%

I. Personnel Present (Reference/attach SUXOS's daily report if applicable)

Name	Position	Company
Syd Rodgers	SUXOS	Tetra Tech NUS
Glen Childers	Safety/QC	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Ed Alder	Tech II	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS

II. Work Performed

Brush cutting using weed eater, and brush hog, staking out grids, marked perimeter of FMBW with pin flags, cut grass so pin flags can be seen.

III. Quality Control Activities (Reference/attach inspection/surveillance rep orts):

N/A

IV. Problems Encountered / Corrective Actions Taken

Bush hog stuck in FMBW. Bush hog unstuck.

V. Directions Given / Received:

N/A

VI. Special Notes / Lessons Learned

N/A

VII. Visitors

N/A

VIII. Approval

Name and Signature: Glen Childers	Title/Company: Safety/QC, Tetra Tech	Date: 6/12/10

Revised April 2005

DAILY QUALITY CONTROL REPORT

Project Name: NAS Brunswick | Report No: 7

Project No: 112G02063 | Location: Brunswick, ME | Date: 6/13/10

☒ Sunday ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday

Weather: Cloudy, 40% chance of rain	High Temperature: 69 Low Temperature: 52	Wind: ESE @ 5-10	Humidity 98%

I. Personnel Present (Reference/attach SUXOS's daily report if applicable)

Name	Position	Company
Syd Rodgers	SUXOS	Tetra Tech NUS
Glen Childers	Safety/QC	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Ed Alder	Tech II	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS

II. Work Performed

Brush cutting using weed eater, and brush hog, staking out grids in Site 12 EOD area..

III. Quality Control Activities (Reference/attach inspection/surveillance rep orts):

N/A

IV. Problems Encountered / Corrective Actions Taken

V. Directions Given / Received:

N/A

VI. Special Notes / Lessons Learned

N/A

VII. Visitors

N/A

VIII. Approval

Name and Signature: Glen Childers	Title/Company: Safety/QC, Tetra Tech	Date: 6/13/10

Revised April 2005

DAILY QUALITY CONTROL REPORT

Project Name: NAS Brunswick | Report No: 8

Project No: 112G02063 | Location: Brunswick, ME | Date: 6/14/10

☐ Sunday ☒ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday

Weather: Cloudy, 30% chance of rain	High Temperature: 69 Low Temperature: 57	Wind: SW @ 5-10	Humidity 98%

I. Personnel Present (Reference/attach SUXOS's daily report if applicable)

Name	Position	Company
Syd Rodgers	SUXOS	Tetra Tech NUS
Glen Childers	Safety/QC	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Ed Alder	Tech II	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS

II. Work Performed

Brush cutting using weed eater and brush hog, staking out grids in Site 12 EOD area. Marking boundary of FMBW with pin flags.

III. Quality Control Activities (Reference/attach inspection/surveillance rep orts):

N/A

IV. Problems Encountered / Corrective Actions Taken

N/A

V. Directions Given / Received:

N/A

VI. Special Notes / Lessons Learned

N/A

VII. Visitors

N/A

VIII. Approval

Name and Signature: Glen Childers	Title/Company: Safety/QC, Tetra Tech	Date: 6/14/10

Revised April 2005

DAILY QUALITY CONTROL REPORT

Project Name: NAS Brunswick Report No: 9

Project No: 112G02063 Location: Brunswick, ME Date: 6/15/10

☐ Sunday ☐ Monday ☒ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday

Weather: Clear	High Temperature: 74 Low Temperature: 53	Wind: NNW @ 5-10	Humidity 85%

I. Personnel Present (Reference/attach SUXOS's daily report if applicable)

Name	Position	Company
Syd Rodgers	SUXOS	Tetra Tech NUS
Glen Childers	Safety/QC	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Ed Alder	Tech II	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS

II. Work Performed

Brush cutting using weed eater and brush hog, staking out grids in Site 12 EOD area. Marking boundary of FMBW with pin flags.

III. Quality Control Activities (Reference/attach inspection/surveillance rep orts):

N/A

IV. Problems Encountered / Corrective Actions Taken

N/A

V. Directions Given / Received:

N/A

VI. Special Notes / Lessons Learned

The brush cutting team located a MK-82 bomb w/MK1 Mod 1 tail fuze. The bomb is rusty with traces of blue paint. The bomb is located in grid G 2, coordinates N378342.28 E 3016880.05. Notifications made by Syd Rodgers (SUXOS).

VII. Visitors

See attached list

VIII. Approval

Name and Signature: Glen Childers	Title/Company: Safety/QC, Tetra Tech	Date: 6/15/10

Revised April 2005

VISITORS

6/15/10	James E Belknap	PW Lock Shop	921-1757
6/15/10	A. Jandreall	On Target	215-6345
6/15/10	Joseph Roberts	Safety	X1313
6/15/10	John Gary	Security	X2740
6/15/10	Ron Tuttle	NAS XO	X1204
6/15/10	B K Hall	NAS ESO	X1319
6/15/10	Michael Fagan	NAS Environmental	X1717
6/15/10	John Riley	NAS RSO	X2000

DAILY QUALITY CONTROL REPORT

Project Name: NAS Brunswick Report No: 10

Project No: 112G02063 Location: Brunswick, ME Date: 6/16/10

☐ Sunday ☐ Monday ☐ Tuesday ☒ Wednesday ☐ Thursday ☐ Friday ☐ Saturday

Weather: Clear, increasing clouds, 60% chance of afternoon showers/thunder storms	High Temperature: 67 Low Temperature: 48	Wind: SW @ 5-10	Humidity 67%

I. Personnel Present (Reference/attach SUXOS's daily report if applicable)

Name	Position	Company
Syd Rodgers	SUXOS	Tetra Tech NUS
Glen Childers	Safety/QC	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Ed Alder	Tech II	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS

II. Work Performed

Load equipment and take in for service during work break.

III. Quality Control Activities (Reference/attach inspection/surveillance rep orts):

N/A

IV. Problems Encountered / Corrective Actions Taken

N/A

V. Directions Given / Received:

N/A

VI. Special Notes / Lessons Learned

EOD requested that nobody enter the Site area including us until they arrive. EOD arrived at 1215, we were allowed to get equipment and depart area. Equipment taken to rental company for maintenance.

VII. Visitors

N/A

VIII. Approval

Name and Signature: Glen Childers	Title/Company: Safety/QC, Tetra Tech	Date: 6/16/10

Revised April 2005

DAILY QUALITY CONTROL REPORT

Project Name: NAS Brunswick | Report No: 11

Project No: 112G02063 | Location: Brunswick, ME | Date: 6/21/10

☐ Sunday ☒ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday

Weather: Partly cloudy, 10% chance of rain.	High Temperature: 81 Low Temperature: 60	Wind: NWN @ 5-10	Humidity 97%

I. Personnel Present (Reference/attach SUXOS's daily report if applicable)

Name	Position	Company
Syd Rodgers	SUXOS	Tetra Tech NUS
Glen Childers	Safety/QC	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Ed Alder	Tech II	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS

II. Work Performed

Pick up brush cutting equipment from rental company, Lay out grids for Schonstedt/White's sweep. Sweep grids with Schonstedt and White's.

III. Quality Control Activities (Reference/attach inspection/surveillance rep orts):

Six seed Items placed in grids, all six items found by sweep team.

IV. Problems Encountered / Corrective Actions Taken

N/A

V. Directions Given / Received:

N/A

VI. Special Notes / Lessons Learned

N/A

VII. Visitors

Tom Douglas (UXO QA), Arnold Burr (UXO QA)

VIII. Approval

Name and Signature: Glen Childers	Title/Company: Safety/QC, Tetra Tech	Date: 6/21/10

Revised April 2005

DAILY QUALITY CONTROL REPORT

Project Name: NAS Brunswick | Report No: 12

Project No: 112G02063 | Location: Brunswick, ME | Date: 6/22/10

☐ Sunday ☐ Monday ☒ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday

Weather: cloudy to partly cloudy	High Temperature: 78 Low Temperature: 53	Wind: E @ 5-10	Humidity 92%

I. Personnel Present (Reference/attach SUXOS's daily report if applicable)

Name	Position	Company
Syd Rodgers	SUXOS	Tetra Tech NUS
Glen Childers	Safety/QC	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS

II. Work Performed

Sweep grids with Schonstedt and White's, brush cutting using brush hog and weed eaters. Demolition of item found.

III. Quality Control Activities (Reference/attach inspection/surveillance rep orts):

Placed 3 seed items in area to be swept, # 1 N 378.802.68 E 3017150.30, # 2 N 328770.43 E 3017131.14, and # 3 N 378763.93 E 3017170 51. All seed items located by sweep team. Grids L2 and L3 were QC'd, No discrepancies noted. Observed demolition operations.

IV. Problems Encountered / Corrective Actions Taken

Both demolition shots low ordered, and one started a grass fire. The grass fire was unexpected because grass in the area had been cut prior to the demolition and the grass was wet from recent rains. Fire was put out by the Fire Department, and there will be another demolition shot tomorrow.

V. Directions Given / Received:

N/A

VI. Special Notes / Lessons Learned

Have the Fire Department wet down the area before demo if it is grass.

VII. Visitors

Tom Douglas (UXO QA), Arnold Burr (UXO QA)

VIII. Approval

Name and Signature: Glen Childers	Title/Company: Safety/QC, Tetra Tech	Date: 6/22/10

Revised April 2005

DAILY QUALITY CONTROL REPORT

Project Name: NAS Brunswick | Report No: 13

Project No: 112G02063 | Location: Brunswick, ME | Date: 6/23/10

☐ Sunday ☐ Monday ☐ Tuesday ☒ Wednesday ☐ Thursday ☐ Friday ☐ Saturday

Weather: showers, possible afternoon thunder storms	High Temperature: 71 Low Temperature: 63	Wind: SSW @ 5-10	Humidity 98%

I. Personnel Present (Reference/attach SUXOS's daily report if applicable)

Name	Position	Company
Syd Rodgers	SUXOS	Tetra Tech NUS
Glen Childers	Safety/QC	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS

II. Work Performed

Sweep grids with Schonstedt and White, demolition operations

III. Quality Control Activities (Reference/attach inspection/surveillance rep orts):

Placed 3 seed items in area to be swept, # 1 N 378823.48 E 3017249.51, # 2 N 378767.35 E 3017203, # 3 N 378800..01, E 3017293.59. Grids L4 and L5 failed due to sweep teams missing seed items. Continued on next page.

IV. Problems Encountered / Corrective Actions Taken

Grids will be re swept.

V. Directions Given / Received:

N/A

VI. Special Notes / Lessons Learned

N/A

VII. Visitors

Tom Douglas (UXO QA), Arnold Burr (UXO QA)

VIII. Approval

Name and Signature: Glen Childers	Title/Company: Safety/QC, Tetra Tech	Date: 6/23/10

Revised April 2005

Item missed in grid L4 was placed by NAVFAC TD QA, The two items missed in grid L5 were Items I placed.

Observed demolition operations, all safety rules were followed. No discrepancies noted, however the shape charge failed to put a hole in the item.

DAILY QUALITY CONTROL REPORT

Project Name: NAS Brunswick | Report No: 14

Project No: 112G02063 | Location: Brunswick, ME | Date: 6/24/10

☐ Sunday ☐ Monday ☐ Tuesday ☐ Wednesday ☒ Thursday ☐ Friday ☐ Saturday

Weather: mostly cloudy, 60% chance of afternoon thunder storms	High Temperature: 78 Low Temperature: 63	Wind: SSW @ 10 -15	Humidity 97%

I. Personnel Present (Reference/attach SUXOS's daily report if applicable)

Name	Position	Company
Syd Rodgers	SUXOS	Tetra Tech NUS
Glen Childers	Safety/QC	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS

II. Work Performed

Brush cutting using weed eaters, chain saw, and brush hog.

III. Quality Control Activities (Reference/attach inspection/surveillance rep orts):

Observed brush cutting activities, No discrepancies noted.

IV. Problems Encountered / Corrective Actions Taken

N/A

V. Directions Given / Received:

N/A

VI. Special Notes / Lessons Learned

N/A

VII. Visitors

Tom Douglas (UXO QA), Arnold Burr (UXO QA)

VIII. Approval

Name and Signature: Glen Childers	Title/Company: Safety/QC, Tetra Tech	Date: 6/24/10

Revised April 2005

DAILY QUALITY CONTROL REPORT

Project Name: NAS Brunswick | Report No: 15

Project No: 112G02063 | Location: Brunswick, ME | Date: 6/25/10

☐ Sunday ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☒ Friday ☐ Saturday

Weather: Clear	High Temperature: 79 Low Temperature: 60	Wind: W @ 10 - 15	Humidity 86%

I. Personnel Present (Reference/attach SUXOS's daily report if applicable)

Name	Position	Company
Syd Rodgers	SUXOS	Tetra Tech NUS
Glen Childers	Safety/QC	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS

II. Work Performed

Brush cutting using weed eaters, chain saw, and brush hog.

III. Quality Control Activities (Reference/attach inspection/surveillance rep orts):

Observed brush cutting activities, No discrepancies noted.

IV. Problems Encountered / Corrective Actions Taken

N/A

V. Directions Given / Received:

N/A

VI. Special Notes / Lessons Learned

N/A

VII. Visitors

Tom Douglas (UXO QA), Arnold Burr (UXO QA)

VIII. Approval

Name and Signature: Glen Childers	Title/Company: Safety/QC, Tetra Tech	Date: 6/25/10

Revised April 2005

DAILY QUALITY CONTROL REPORT

Project Name: NAS Brunswick | Report No: 16

Project No: 112G02063 | Location: Brunswick, ME | Date: 6/26/10

☐ Sunday ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☒ Saturday

Weather: partly cloudy, 30% chance of afternoon showers	High Temperature: 75 Low Temperature: 60	Wind: WSW @ 10 -15	Humidity 90%

I. Personnel Present (Reference/attach SUXOS's daily report if applicable)

Name	Position	Company
Syd Rodgers	SUXOS	Tetra Tech NUS
Glen Childers	Safety/QC	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS

II. Work Performed

Brush cutting using weed eaters, chain saw, and brush hog. Installed second IVS, Item # 1 (IVS-2-1), 1" Alum. Pipe, coordinates N 377919.60 E 3017177.50, Item # 2 (IVS-2-2) 2" steel pipe, coordinates N 377928.53 E 3017172.91, Item # 3 (IVS-2-3), 1" steel pipe, coordinates N377934.40 E 3017165.77, Item # 4 (IVS-2-4) 2" alum. Pipe, coordinates N 377942.30 E 3017157.60

III. Quality Control Activities (Reference/attach inspection/surveillance rep orts):

Observed brush cutting activities, No discrepancies noted.

IV. Problems Encountered / Corrective Actions Taken

N/A

V. Directions Given / Received:

N/A

VI. Special Notes / Lessons Learned

N/A

VII. Visitors

None

VIII. Approval

Name and Signature: Glen Childers	Title/Company: Safety/QC, Tetra Tech	Date: 6/26/10

Revised April 2005

DAILY QUALITY CONTROL REPORT

Project Name: NAS Brunswick | Report No: 17

Project No: 112G02063 | Location: Brunswick, ME | Date: 6/27/10

☒ Sunday ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday

Weather: Cloudy, 10% chance of afternoon showers	High Temperature: 74 Low Temperature: 62	Wind: SE @ 10 - 15	Humidity 91%

I. Personnel Present (Reference/attach SUXOS's daily report if applicable)

Name	Position	Company
Syd Rodgers	SUXOS	Tetra Tech NUS
Glen Childers	Safety/QC	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS

II. Work Performed

Sweeping of grids with Schonstedts and Whites

III. Quality Control Activities (Reference/attach inspection/surveillance rep orts):

Planted seeds in areas to be swept. Seed # 1 coordinates N 377935.39 E 3017158.64, Seed # 2 coordinates N 377897.82 E 3017143.78, Seed # 3 coordinates N 377929.91 E 3017175.87, Seed # 4 coordinates N 377931.95 E 3017449.21, Seed #5 N 377935.01 E 3017486.96, continued on next page.

IV. Problems Encountered / Corrective Actions Taken

N/A

V. Directions Given / Received:

N/A

VI. Special Notes / Lessons Learned

N/A

VII. Visitors

None

VIII. Approval

Name and Signature: Glen Childers	Title/Company: Safety/QC, Tetra Tech	Date: 6/27/10

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SECTION III Continued:

Seed # 6 coordinates N 377901.34 E 3017525, Seed # 7 N 377919.71 E 3017544.11, Seed # 8 N 377886.21 E 3017600.28.

1330, Sweep team located a 2.25 SCAR warhead (MDAS) in grid D8, item # S12-D8-03. Coordinates N 378012.65 E 3017572.83. The item was placed in the holding drum awaiting demil.

Grid C4 complete, seeds # 1, 2, and 3 were located by the sweep team. Grid C4 QC'd, No deficiencies noted.

Grids L5, B8, B9, C7, C8, C9, D8, and D9 were complete seed Items 4, 5, 6, 7, and 8, were located by the sweep team. Grids L5, B8, B9, C7, C8, C9, D8, and D9 were QC'd. No discrepancies noted.

DAILY QUALITY CONTROL REPORT

Project Name: NAS Brunswick | Report No: 18

Project No: 112G02063 | Location: Brunswick, ME | Date: 6/28/10

☐ Sunday ☒ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday

Weather: rain, showers and thunder storms, some severe	High Temperature: 83 Low Temperature: 63	Wind: SSW @ 10 -20	Humidity 98%

I. Personnel Present (Reference/attach SUXOS's daily report if applicable)

Name	Position	Company
Syd Rodgers	SUXOS	Tetra Tech NUS
Glen Childers	Safety/QC	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS

II. Work Performed

Sweeping of grids with Schonstedts and Whites

III. Quality Control Activities (Reference/attach inspection/surveillance rep orts):

Planted seeds in areas to be swept. Seed # 1 coordinates N 378785.33 E 3017100.44, Seed # 2 coordinates, N 378793.50 E 3017.158.60, Seed # 3 coordinates N 378826.15 E 3017342.28, Seed # 4 coordinates N 378816.97 E 3017358.60, Seed #5 N 378828.19 E 3017409.62. Observed team sweeping grids. Continued on next page.

IV. Problems Encountered / Corrective Actions Taken

N/A

V. Directions Given / Received:

N/A

VI. Special Notes / Lessons Learned

N/A

VII. Visitors

Thomas Douglas (UXO QA), Arnold Burr (UXO QA)

VIII. Approval

Name and Signature: Glen Childers	Title/Company: Safety/QC, Tetra Tech	Date: 6/28/10

Revised April 2005

Section III Continued:

Grids completed today, L4 (2 seed items located by sweep team), Grid L6 swept, 3 ea QC seed items located and 1 ea QA seed item located, 1 ea QA seed item missed, grid fails QC and will be swept again. Grid L6 redone.

Grids QC'd today: L4, No discrepancies noted. Grid L6 failed due to missed QA seed item. Grid L6 QC'd, after being swept again, passed QC, No discrepancies noted.

Received 10,000 ft of shock tube today.

DAILY QUALITY CONTROL REPORT

Project Name: NAS Brunswick | Report No: 19

Project No: 112G02063 | Location: Brunswick, ME | Date: 6/29/10

☐ Sunday ☐ Monday ☒ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday

Weather: Fog, 20% chance of showers/thunder storms	High Temperature: 75 Low Temperature: 62	Wind: SSE @ 5 - 10	Humidity 95%

I. Personnel Present (Reference/attach SUXOS's daily report if applicable)

Name	Position	Company
Syd Rodgers	SUXOS	Tetra Tech NUS
Glen Childers	Safety/QC	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS

II. Work Performed

Sweeping of grids with Schonstedts and Whites

III. Quality Control Activities (Reference/attach inspection/surveillance rep orts):

Planted seeds in areas to be swept. Seed # 1 coordinates N 378783.52 E 3017466.37, Seed # 2 coordinates, N 378801.89 E 3017490.86, Seed # 3 coordinates N 378774.33 E 3017522.49, Seed # 4 coordinates N 378755.97 E 3017564.33, Seed # 5 N 378765.15 E3017609.22, Seed # 6 N 378661.84 E 3017575.24. Continued on next page.

IV. Problems Encountered / Corrective Actions Taken

N/A

V. Directions Given / Received:

N/A

VI. Special Notes / Lessons Learned

N/A

VII. Visitors

Thomas Douglas (UXO QA), Arnold Burr (UXO QA)

VIII. Approval

Name and Signature: Glen Childers	Title/Company: Safety/QC, Tetra Tech	Date: 6/29/10

Revised April 2005

Section III Continued:

Seed # 7 N 378683.27 E 3017533.41, Seed # 8 N 378711.84 E 3017490.55, Seed # 9 N 378681.23 E 3017450.75, Seed # 10 N 378658.78 E 3017388.51, Seed # 11 N 378710.82 E 3017352.79. The team was observed sweeping grids using Schonstedts and Whites.

Grids completed today, L7, L8, L9, K7, K8, and K9. Sweep team found all seed items in grids swept.

Grids QC'd today: L7, L8, L9, K7, K8, and K9, all grids passed QC. No discrepancies noted.

I was informed by Thomas Douglas (UXO QA) that the following grids had been QA'd and passed QA: C4, B8, B9, C7, C8, C9, D8, D9, L2, L3, L4, L5, and L6.

DAILY QUALITY CONTROL REPORT

Project Name: NAS Brunswick Report No: 20

Project No: 112G02063 Location: Brunswick, ME Date: 6/30/10

☐ Sunday ☐ Monday ☐ Tuesday ☒ Wednesday ☐ Thursday ☐ Friday ☐ Saturday

Weather: Sunny	High Temperature: 71 Low Temperature: 53	Wind: WSW @ 10 – 15 mph	Humidity 85%

I. Personnel Present (Reference/attach SUXOS's daily report if applicable)

Name	Position	Company
Syd Rodgers	SUXOS	Tetra Tech NUS
Glen Childers	Safety/QC	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS

II. Work Performed

Sweeping of grids with Schonstedts and Whites, demolition operations.

III. Quality Control Activities (Reference/attach inspection/surveillance rep orts):

Planted seeds in areas to be swept. Seed # 1 coordinates N 378677.22 E 3017238.26, Seed # 2 N 378729.26 E 3017227.03. Observed the team sweeping grids with Schonstedts and Whites. Grids K5 and K6 were completed by the sweep team, all seed items were located. Grids K5 and K6 were QC'd and passed. No discrepancies noted. Continued on next page.

IV. Problems Encountered / Corrective Actions Taken

N/A

V. Directions Given / Received:

N/A

VI. Special Notes / Lessons Learned

N/A

VII. Visitors

Thomas Douglas (UXO QA), Arnold Burr (UXO QA)

VIII. Approval

Name and Signature: Glen Childers	Title/Company: Safety/QC, Tetra Tech	Date: 6/30/10

Revised April 2005

Section III Continued:

Observed demolition operations, the fuze from grid L2 and the MK 82 were demiled. All safety precautions were taken and appropriate safety gear worn. No discrepancies noted.

DAILY QUALITY CONTROL REPORT

Project Name: NAS Brunswick | Report No: 21

Project No: 112G02063 | Location: Brunswick, ME | Date: 7/6/10

☐ Sunday ☐ Monday ☒ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday

Weather: Sunny	High Temperature: 93 Low Temperature: 65	Wind: calm	Humidity 94%

I. Personnel Present (Reference/attach SUXOS's daily report if applicable)

Name	Position	Company
Syd Rodgers	SUXOS	Tetra Tech NUS
Glen Childers	Safety/QC	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS

II. Work Performed

Sweeping of grids with Schonstedts and Whites, demolition operations.

III. Quality Control Activities (Reference/attach inspection/surveillance rep orts):

Planted seeds in areas to be swept, coordinates: Seed # 1 N 378734.84 E 3017130.38, Seed # 2 N 3787701.17 E 3017100.79, Seed # 3 N378718.52 E 3017043.65, Seed # 4 N 378672.60 E 3016993.65, Seed # 5 N378618.52 E 3016997.73, Seed # 6 N 378575.66 E 3017093.65. Continued on next page.

IV. Problems Encountered / Corrective Actions Taken

N/A

V. Directions Given / Received:

N/A

VI. Special Notes / Lessons Learned

N/A

VII. Visitors

Jim Rossi

VIII. Approval

Name and Signature: Glen Childers	Title/Company: Safety/QC, Tetra Tech	Date: 7/6/10

Revised April 2005

Section III Continued:

Observed the team sweeping grids using Schonstedts and Whites. Grids K1, K2, K3, K4, and J1 were completed and QC'd. Satisfactory, no discrepancies noted. The sweep team located seed items 1 thru 4, seeds 5 and 6 are in grids that will be completed tomorrow.

DAILY QUALITY CONTROL REPORT

Project Name: NAS Brunswick Report No: 22

Project No: 112G02063 Location: Brunswick, ME Date: 7/7/10

☐ Sunday ☐ Monday ☐ Tuesday ☒ Wednesday ☐ Thursday ☐ Friday ☐ Saturday

Weather: Partly Cloudy,20% chance of rain	High Temperature: 69 Low Temperature: 83	Wind: SE @ 5 – 10 mph	Humidity 93%

I. Personnel Present (Reference/attach SUXOS's daily report if applicable)

Name	Position	Company
Syd Rodgers	SUXOS	Tetra Tech NUS
Glen Childers	Safety/QC	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Jake Clemet	Tech III	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS

II. Work Performed

Sweeping of grids with Schonstedts and Whites.

III. Quality Control Activities (Reference/attach inspection/surveillance rep orts):

Planted seeds in areas to be swept, coordinates: Seed # 1 N 378618.53, E 3017250.11, Seed # 2 N 378610.37, E 3017301.13, Seed # 3 N378613.43, E 3017406.24, Seed # 4 N 378565.47, E 3017545.01. A risk assessment was accomplished for Jim Rossi and Doug Murray, the assessment is negligible. Continued on next page.

IV. Problems Encountered / Corrective Actions Taken

N/A

V. Directions Given / Received:

N/A

VI. Special Notes / Lessons Learned

N/A

VII. Visitors

Jim Rossi (TTNUS), Doug Murray (NOSSA), and Brion K. Hall (NASB Explosive Safety)

VIII. Approval

Name and Signature: Glen Childers	Title/Company: Safety/QC, Tetra Tech	Date: 7/7/10

Revised April 2005

Section III Continued:

The team was observed sweeping grids using Schonstedts and Whites. The following grids were completed today, J2, J3, J4, J5, and J6, all seed items located in those grids were found by the sweep team. Grids J2, J3, J4, J5, and J6 were QC'd and found satisfactory, no discrepancies noted. The team was observed checking out the Whites and Schonstedts, no discrepancies noted.

DAILY QUALITY CONTROL REPORT

Project Name: NAS Brunswick | Report No: 23

Project No: 112G02063 | Location: Brunswick, ME | Date: 7/8/10

☐ Sunday ☐ Monday ☐ Tuesday ☐ Wednesday ☒ Thursday ☐ Friday ☐ Saturday

Weather: Cloudy,20% chance of rain	High Temperature: 81 Low Temperature: 68	Wind: SSE @ 10 – 15 mph	Humidity 92%

I. Personnel Present (Reference/attach SUXOS's daily report if applicable)

Name	Position	Company
Syd Rodgers	SUXOS	Tetra Tech NUS
Glen Childers	Safety/QC	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Jake Clemet	Tech III	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS

II. Work Performed

Sweeping of grids with Schonstedts and Whites.

III. Quality Control Activities (Reference/attach inspection/surveillance rep orts):

Planted seeds in areas to be swept, coordinates: Seed # 1 N 378478.34 E 3017553.36, Seed # 2 N 378473.24, E 3017501.83, Seed # 3 N378437.01, E 3017469.69, Seed # 4 N 378423.24, E 3017416.12, Seed # 6 N 378443.24 E 3017386.02. Continued on next page.

IV. Problems Encountered / Corrective Actions Taken

None of the personnel on site have an explosive driver's license. Office was notified.

V. Directions Given / Received:

N/A

VI. Special Notes / Lessons Learned

N/A

VII. Visitors

Jim Rossi (TTNUS), Doug Murray (NOSSA), and Michael Fagan (NASB Environmental)

VIII. Approval

Name and Signature: Glen Childers	Title/Company: Safety/QC, Tetra Tech	Date: 7/8/10

Section III Continued:

Observed checkout of Schonstedts, Whites, and GPS Units. No discrepancies noted.

The sweep team located a 40 MM Cartridge base w/live primer (MEC) in Grid J8, Item # S12-J8-04, Coordinates N 378544.89 E 3017532.02, photo # 68 & 69.

The sweep team located another 40 MM Cartridge base w/live primer (MEC) in Grid J9, Item # S12-J9-05, Coordinates N 378601.67 E 3017623.00, photo # 70 & 71.

The sweep team located another 40MM Cartridge base w/live primer (MEC) in Grid H8, Item # S12-H8-06, Coordinates N 378492.86 E 3017588.78, photo #72.

Grids H7, H8, H9, J8 and J9 were completed today.

Grids H8, H9, J8, and J9 were QC'd and found satisfactory, no discrepancies noted.

Items located today were placed in the holding magazine.

DAILY QUALITY CONTROL REPORT

Project Name: NAS Brunswick | Report No: 24

Project No: 112G02063 | Location: Brunswick, ME | Date: 7/9/10

☐ Sunday ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☒ Friday ☐ Saturday

Weather: Partly Cloudy	High Temperature: 81 Low Temperature: 70	Wind: S @ 10 – 15 mph	Humidity 93%

I. Personnel Present (Reference/attach SUXOS's daily report if applicable)

Name	Position	Company
Syd Rodgers	SUXOS	Tetra Tech NUS
Glen Childers	Safety/QC	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Jake Clemet	Tech III	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS

II. Work Performed

Sweeping of grids with Schonstedts and Whites.

III. Quality Control Activities (Reference/attach inspection/surveillance rep orts):

Planted seeds in areas to be swept, coordinates: Seed # 1 N 378441.12 E 3017340.40, Seed # 2 N 378496.90, E 3017181.17, Seed # 3 N378427.69, E 3017054.16. Observed check out of Schonstedts, Whites and GPS units. No discrepancies noted. Observed sweeping of grids with /Schonstedts and Whites. Continued on next page.

IV. Problems Encountered / Corrective Actions Taken

N/A

V. Directions Given / Received:

N/A

VI. Special Notes / Lessons Learned

N/A

VII. Visitors

None

VIII. Approval

Name and Signature: Glen Childers	Title/Company: Safety/QC, Tetra Tech	Date: 7/9/10

Revised April 2005

Section III Continued:

No discrepancies noted. Grid J7 was completed. Grids J7 and H7 were QC'd and found satisfactory. No discrepancies noted. All seed items in grids swept today were located by the sweep team.

DAILY QUALITY CONTROL REPORT

Project Name: NAS Brunswick | Report No: 25

Project No: 112G02063 | Location: Brunswick, ME | Date: 7/10/10

☐ Sunday ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☒ Saturday

Weather: Fog, 60% chance of rain	High Temperature: 75 Low Temperature: 68	Wind: calm and variable	Humidity 99%

I. Personnel Present (Reference/attach SUXOS's daily report if applicable)

Name	Position	Company
Syd Rodgers	SUXOS	Tetra Tech NUS
Glen Childers	Safety/QC	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Jake Clemet	Tech III	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS

II. Work Performed

Sweeping of grids with Schonstedts and Whites., Brush cutting

III. Quality Control Activities (Reference/attach inspection/surveillance rep orts):

Planted seeds in areas to be swept, coordinates: Seed # 1 N 378236.55 E 3017496.64, Seed # 2 N 378275.33 E 3017486.44. Observed check out of Schonstedts, Whites and GPS units. No discrepancies noted. Observed sweeping of grids with Schonstedts and Whites and brush cutting, no discrepancies noted. Continued on next page.

IV. Problems Encountered / Corrective Actions Taken

N/A

V. Directions Given / Received:

N/A

VI. Special Notes / Lessons Learned

N/A

VII. Visitors

None

VIII. Approval

Name and Signature: Glen Childers	Title/Company: Safety/QC, Tetra Tech	Date: 7/10/10

Revised April 2005

Section III Continued:

Grid F7 was completed. All seed items in grid swept today were located by the sweep team. Grids F7 and F8 were QC'd and found satisfactory, No discrepancies noted.

DAILY QUALITY CONTROL REPORT

Project Name: NAS Brunswick | Report No: 26

Project No: 112G02063 | Location: Brunswick, ME | Date: 7/11/10

☒ Sunday ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday

Weather: Cloudy, 50% chance of rain	High Temperature: 80 Low Temperature: 70	Wind: NNE @ 5 - 10	Humidity 94%

I. Personnel Present (Reference/attach SUXOS's daily report if applicable)

Name	Position	Company
Syd Rodgers	SUXOS	Tetra Tech NUS
Glen Childers	Safety/QC	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Jake Clemet	Tech III	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS

II. Work Performed

Sweeping of grids with Schonstedts and Whites.

III. Quality Control Activities (Reference/attach inspection/surveillance rep orts):

Planted seeds in areas to be swept, coordinates: Seed # 1 N 378291.07 E 3017398.31, Seed # 2 N 378223.21 E 3017329.43, Seed # 3 N 378248.72 E 3017281.98, Seed # 4 N 378242.09 E 3017238.11, and Seed # 5 N 378253.82 E 3017259.54. Observed check out of Schonstedts, Whites and GPS units. No discrepancies noted. Continued on next page.

IV. Problems Encountered / Corrective Actions Taken

N/A

V. Directions Given / Received:

N/A

VI. Special Notes / Lessons Learned

N/A

VII. Visitors

None

VIII. Approval

Name and Signature: Glen Childers	Title/Company: Safety/QC, Tetra Tech	Date: 7/11/10

Revised April 2005

Section III Continued:

Observed the team sweeping grids with Schonstedts and Whites. No discrepancies noted.

The sweep team located a fuze, type unknown (MPPEH) in grid F6, ID # 12S-F6-07, coordinates N 378231.51 E 3017375.41, photo # 73.

The sweep team located a 40 MM practice projectile (MPPEH) in grid F6, ID # 12S-F6-08, coordinates N 378291.30 E 3017355.45, photo # 74.

The sweep team located an expended M-18 Smoke Grenade (MPPEH) in grid F6, ID # 12S-F6-09, coordinates N 378278.43 E 3017316.83, photo # 75.

The sweep team located another expended M-18 Smoke Grenade (MPPEH) in grid F6, ID # 12S-F6-10, coordinates N 378212.74 E 3017297.05, photo # 76.

The sweep team located an empty 60 MM Mortar (MPPEH) in grid F5, ID # 12S-F5-11, coordinates N 378217.79 E 3017264.13, photo # 77.

The sweep team located a piece of propellant (MPPEH) in grid F5, ID # 12S-F5-12, coordinates N 378286.86 E 3017213.49, photo # 78.

All items located today were safe to move and placed in the holding magazine.

DAILY QUALITY CONTROL REPORT

Project Name: NAS Brunswick Report No: 27

Project No: 112G02063 Location: Brunswick, ME Date: 7/12/10

☒ Sunday ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday

Weather: mostly cloudy	High Temperature: 82 Low Temperature: 61	Wind: S @ 5 - 10	Humidity 98%

I. Personnel Present (Reference/attach SUXOS's daily report if applicable)

Name	Position	Company
Syd Rodgers	SUXOS	Tetra Tech NUS
Glen Childers	Safety/QC	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Jake Clemet	Tech III	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS

II. Work Performed

Sweeping of grids with Schonstedts and Whites.

III. Quality Control Activities (Reference/attach inspection/surveillance rep orts):

Planted seeds in areas to be swept, coordinates: Seed # 1 N 378114.27 E 3017171.52, Seed # 2 N 378103.40 E 3017295.43, Seed # 3 N 378138,18 E 3017375.87, and Seed # 4 N 378127.31 E 3017425.87 Observed check out of Schonstedts, Whites and GPS units. No discrepancies noted. Continued on next page.

IV. Problems Encountered / Corrective Actions Taken

N/A

V. Directions Given / Received:

N/A

VI. Special Notes / Lessons Learned

N/A

VII. Visitors

None

VIII. Approval

Name and Signature: Glen Childers	Title/Company: Safety/QC, Tetra Tech	Date: 7/12/10

Revised April 2005

Section III Continued:

Observed the team sweeping grids with Schonstedts and Whites. No discrepancies noted.

The sweep team located a fuze part (MPPEH) in grid F5, ID#12S-F5-13, coordinates N 378259.13 E 3017285.85, photo # 79.

Grids K2, J1, and J2 were QC'd again because of wetlands determination allowed more area to be brush cut and swept. The grids were found satisfactory, no discrepancies noted.

Grids H3, H4, H5, H6, F5, F6, E5, and E6 were QC'd and found satisfactory, no discrepancies noted.

DAILY QUALITY CONTROL REPORT

Project Name: NAS Brunswick | Report No: 28

Project No: 112G02063 | Location: Brunswick, ME | Date: 7/13/10

☐ Sunday ☐ Monday ☒ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday

Weather: cloudy, 20% chance of rain	High Temperature: 78 Low Temperature: 69	Wind: SSE @ 5 - 10	Humidity 96%

I. Personnel Present (Reference/attach SUXOS's daily report if applicable)

Name	Position	Company
Syd Rodgers	SUXOS	Tetra Tech NUS
Glen Childers	Safety/QC	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Jake Clemet	Tech III	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS

II. Work Performed

Sweeping of grids with Schonstedts and Whites.

III. Quality Control Activities (Reference/attach inspection/surveillance rep orts):

Planted seeds in areas to be swept, coordinates: Seed # 1 N 378093.40 E 3017491.09, Seed # 2 N 378126.44 E 3017585.87, and Seed # 3 N 378113,40 E 3017545.87, Observed check out of Schonstedts, Whites and GPS units. No discrepancies noted. Observed team sweeping grids using Schonstedts and Whites. Continued on next page.

IV. Problems Encountered / Corrective Actions Taken

N/A

V. Directions Given / Received:

N/A

VI. Special Notes / Lessons Learned

N/A

VII. Visitors

None

VIII. Approval

Name and Signature: Glen Childers	Title/Company: Safety/QC, Tetra Tech	Date: 7/13/10

Revised April 2005

Section III Continued:

No discrepancies noted. The following grids were QC'd today: A6, A7, E7, E8, E9, G7, and G8. All grids were found satisfactory, no discrepancies noted. The sweep team located all seed items.

DAILY QUALITY CONTROL REPORT

Project Name: NAS Brunswick | Report No: 29

Project No: 112G02063 | Location: Brunswick, ME | Date: 7/14/10

☐ Sunday ☐ Monday ☐ Tuesday ☒ Wednesday ☐ Thursday ☐ Friday ☐ Saturday

Weather: rain, 80% chance of rain	High Temperature: 74 Low Temperature: 66	Wind: NNE @ 5 - 10	Humidity 99%

I. Personnel Present (Reference/attach SUXOS's daily report if applicable)

Name	Position	Company
Syd Rodgers	SUXOS	Tetra Tech NUS
Glen Childers	Safety/QC	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Jake Clemet	Tech III	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS

II. Work Performed

Sweeping of grids with Schonstedts and Whites.

III. Quality Control Activities (Reference/attach inspection/surveillance rep orts):

Planted seeds in areas to be swept, coordinates: Seed # 1 N 378329.89 E 3017393.50, Seed # 2 N 378358.46 E 3017317.85, Seed # 3 N 378395.85 E 30175269.15, and Seed # 4 N 378326.26 E 3017220.85. Observed check out of Schonstedts, Whites and GPS units. No discrepancies noted. Continued on next page..

IV. Problems Encountered / Corrective Actions Taken

N/A

V. Directions Given / Received:

N/A

VI. Special Notes / Lessons Learned

N/A

VII. Visitors

Thomas Smith (NASB FD), Kipp Dombrowski (NASB FD), Limon Ramon (NASB FD), Dave Renfro (NASB FD), and Scott Lizotte (NASB FD)

VIII. Approval

Name and Signature: Glen Childers	Title/Company: Safety/QC, Tetra Tech	Date: 7/14/10

Revised April 2005

Section III Continued:

Observed the sweeping of grids using Schonstedts and Whites, no discrepancies noted. Grids G5 and G6 were QC'd, and found satisfactory, no discrepancies noted. Observed demolition operations, no discrepancies noted.

DAILY QUALITY CONTROL REPORT

Project Name: NAS Brunswick Report No: 30

Project No: 112G02063 Location: Brunswick, ME Date: 7/19/10

☐ Sunday ☒ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday

Weather: mostly clear,50% chance of rain	High Temperature: 79 Low Temperature: 60	Wind: S @ 5 - 10	Humidity 93%

I. Personnel Present (Reference/attach SUXOS's daily report if applicable)

Name	Position	Company
Syd Rodgers	SUXOS	Tetra Tech NUS
Glen Childers	Safety/QC	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Jake Clement	Tech III	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS

II. Work Performed

Sweeping of grids with Schonstedts and Whites.

III. Quality Control Activities (Reference/attach inspection/surveillance rep orts):

Planted seeds in areas to be swept, coordinates:. Seed # 1 N 378296.61 E 3017106.63, Seed # 2 N 378324.16 E 3017110.71, Seed # 3 N 378350.69 E 3017161.73, and Seed # 4 N 378263.95 E 3017171.93. Observed check out of Schonstedts, Whites and GPS units. No discrepancies noted. Continued on next page..

IV. Problems Encountered / Corrective Actions Taken

N/A

V. Directions Given / Received:

N/A

VI. Special Notes / Lessons Learned

N/A

VII. Visitors

None

VIII. Approval

Name and Signature: Glen Childers	Title/Company: Safety/QC, Tetra Tech	Date: 7/19/10

SGS

Revised April 2005

Section III Continued:

Observed the sweeping of grids using Schonstedts and Whites, no discrepancies noted. The sweep team located a 20 MM Projectile (MPPEH) in grid G4, ID # S12-G4-14, coordinates: N 378331.71 E 3017151.12, Photo # 90. The sweep team located another 20 MM Projectile (MPPEH) in grid F4, ID # S12-F4-15, coordinates N 378216.91 E 3017162.85, Photo # 91. The following grids were completed today: E4, F4, G4, and D5. Grids F4 and G4 were QC'd and found satisfactory, no discrepancies noted. Items located today: S12-G4-14 was placed in the holding magazine, S12-F4-15 was left in place and will be blown tomorrow.

DAILY QUALITY CONTROL REPORT

Project Name: NAS Brunswick Report No: 31

Project No: 112G02063 Location: Brunswick, ME Date: 7/20/10

☐ Sunday ☐ Monday ☒ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday

Weather: mostly clear	High Temperature: 80 Low Temperature: 64	Wind: light and variable	Humidity 96%

I. Personnel Present (Reference/attach SUXOS's daily report if applicable)

Name	Position	Company
Syd Rodgers	SUXOS	Tetra Tech NUS
Glen Childers	Safety/QC	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Jake Clemet	Tech III	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS

II. Work Performed

Sweeping of grids with Schonstedts and Whites.

III. Quality Control Activities (Reference/attach inspection/surveillance rep orts):

Planted seeds in areas to be swept, coordinates: Seed # 1 N 377855.81 E 3017432.84, Seed # 2 N 378019.08, E 3017410.90, Seed # 3 N 377809.89 E 3017482.33, and Seed # 4 N 378054.79 E 3017512.94. Observed check out of Schonstedts, Whites and GPS units. No discrepancies noted. Continued on next page.

IV. Problems Encountered / Corrective Actions Taken

N/A

V. Directions Given / Received:

N/A

VI. Special Notes / Lessons Learned

N/A

VII. Visitors

Randal Morin (NASB FD), William Price (NASB FD), Mike Nicholas (NASB FD), Kipp Dombrowski (NASB FD), Peter Moore (NASB FD), Michael Demers (NASB FD), Scott Lizutte (NASB FD), Lawrence Mayer (NASB FD), Limon Ramon (NASB FD)

VIII. Approval

Name and Signature: Glen Childers	Title/Company: Safety/QC, Tetra Tech	Date: 7/20/10

SGS

Revised April 2005

Section III Continued:

Observed the sweeping of grids using Schonstedts and Whites, no discrepancies noted. The sweep team located an M 904 fuze (MPPEH) in grid B7, ID # S12-B7-16, coordinates N 377832.68 E 3017448.59, Photo # 96. Item placed in holding magazine. Grids D6, D7, and B7 were completed today, Grids E4, D4, D5, D6, and D7 were QC'd and found satisfactory, no discrepancies noted. All seed items were located by the sweep team. Observed demolition operations for disposal of item S12-F4-15, operations were successful, item destroyed. All safety precautions followed, and proper PPE worn.

DAILY QUALITY CONTROL REPORT

Project Name: NAS Brunswick Report No: 32

Project No: 112G02063 Location: Brunswick, ME Date: 7/21/10

☐ Sunday ☐ Monday ☐ Tuesday ☒ Wednesday ☐ Thursday ☐ Friday ☐ Saturday

Weather: Partly cloudy, 30% chance of rain	High Temperature: 78 Low Temperature: 61	Wind: ESE @ 5 - 10	Humidity 94%

I. Personnel Present (Reference/attach SUXOS's daily report if applicable)

Name	Position	Company
Syd Rodgers	SUXOS	Tetra Tech NUS
Glen Childers	Safety/QC	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Jake Clemet	Tech III	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS

II. Work Performed

Start trenching operations, sweeping grids with Schonstedts and Whites.

III. Quality Control Activities (Reference/attach inspection/surveillance rep orts):

Observed check out of Schonstedts, Whites, and GPS units, no discrepancies noted. QC'd grid B7, the grid is satisfactory, no discrepancies noted. Placed seed items in grids to be swept, coordinates: Seed # 1 N 377867.59 E 3017361.38, Seed # 2 N 377806.28 E 3017374.86. Seed # 3 N 377839.33 E 3017288.34. Continued on next page.

IV. Problems Encountered / Corrective Actions Taken

N/A

V. Directions Given / Received:

N/A

VI. Special Notes / Lessons Learned

N/A

VII. Visitors

Linda Klink (TTNUS), Mike Fagan (NASB Environmental), Chris Libly (Glass Pro), Stanley Watts (Glass Pro), Jason Sperry (United Rentals)

VIII. Approval

Name and Signature: Glen Childers	Title/Company: Safety/QC, Tetra Tech	Date: 7/21/10

SGS

Revised April 2005

Section III Continued:

Grid B6 completed and QC'd. Grid B6 was found to be satisfactory, no discrepancies noted. Trench # 1 was QC'd and found satisfactory, no discrepancies noted.

DAILY QUALITY CONTROL REPORT

Project Name: NAS Brunswick Report No: 33

Project No: 112G02063 Location: Brunswick, ME Date: 7/22/10

☐ Sunday ☐ Monday ☐ Tuesday ☐ Wednesday ☒ Thursday ☐ Friday ☐ Saturday

Weather: Mosrtly clear, 10% chance of rain	High Temperature: 78 Low Temperature: 63	Wind: WNW @ 10 -20	Humidity 97%

I. Personnel Present (Reference/attach SUXOS's daily report if applicable)

Name	Position	Company
Syd Rodgers	SUXOS	Tetra Tech NUS
Glen Childers	Safety/QC	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Jake Clemet	Tech III	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS

II. Work Performed

Start trenching operations, sweeping grids with Schonstedts and Whites.

III. Quality Control Activities (Reference/attach inspection/surveillance rep orts):

Observed check out of Schonstedts, Whites, and GPS units, no discrepancies noted. Placed seed items in grids to be swept, coordinates: Seed # 1 N 377929.48 E 3017238.04, Seed # 2 N 377974.70 E 3017219.78. Seed # 3 N 377978.18 E 3017312.82, and Seed # 4 N 377955 E 3017409.35. Continued on next page.

IV. Problems Encountered / Corrective Actions Taken

N/A

V. Directions Given / Received:

N/A

VI. Special Notes / Lessons Learned

N/A

VII. Visitors

None

VIII. Approval

Name and Signature: Glen Childers	Title/Company: Safety/QC, Tetra Tech	Date: 7/22/10

Revised April 2005

Section III Continued:

Observed sweeping of the grids using Schonstedts and Whites, no discrepancies noted. Observed the completion of backfilling Trench # 1 and start of the excavation of Trench # 6. Excavation of Trench # 6 was stopped due to ground being too wet for equipment to operate safely. No discrepancies noted. All personnel to sweep team. The following grids were completed today: C5, C6, B4, C2, C3, D3, and E3. All seed items were located by the sweep team. No discrepancies noted.

DAILY QUALITY CONTROL REPORT

Project Name: NAS Brunswick Report No: 34

Project No: 112G02063 Location: Brunswick, ME Date: 7/23/10

☐ Sunday ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☒ Friday ☐ Saturday

Weather: Mostly clear, 20% chance of rain	High Temperature: 80 Low Temperature: 63	Wind: WSW @ 5 -10	Humidity 84%

I. Personnel Present (Reference/attach SUXOS's daily report if applicable)

Name	Position	Company
Syd Rodgers	SUXOS	Tetra Tech NUS
Glen Childers	Safety/QC	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Jake Clemet	Tech III	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS

II. Work Performed

Start trenching operations, sweeping grids with Schonstedts and Whites.

III. Quality Control Activities (Reference/attach inspection/surveillance rep orts):

Observed check out of Schonstedts, Whites, and GPS units, no discrepancies noted. Placed seed items in grids to be swept, coordinates: Seed # 1 N 378083.40 E 3016954.56, Seed # 2 N 378087.74 E 3016890.22. Seed # 3 N 378149.48 E 3016915.43, and Seed # 4 N 378242.27 E 3016953.83. Continued on next page.

IV. Problems Encountered / Corrective Actions Taken

N/A

V. Directions Given / Received:

N/A

VI. Special Notes / Lessons Learned

N/A

VII. Visitors

None

VIII. Approval

Name and Signature: Glen Childers	Title/Company: Safety/QC, Tetra Tech	Date: 7/23/10

SGS

Revised April 2005

Section III Continued:

Observed the sweeping of grids using Schonstedts and Whites, no discrepancies noted. Observed digging of trenches, no discrepancies noted. Trenches 4 and 6 were completed today and QC'd, no discrepancies noted. Grids C5, C6, B4, B5, C2, C3, D3, E3, and F3 were QC'd and found satisfactory, no discrepancies noted.

DAILY QUALITY CONTROL REPORT

Project Name: NAS Brunswick Report No: 35

Project No: 112G02063 Location: Brunswick, ME Date: 7/24/10

☐ Sunday ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☒ Friday ☐ Saturday

Weather: Cloudy, 20% chance of rain	High Temperature: 74 Low Temperature: 66	Wind: ESE @ 5 -10	Humidity 94%

I. Personnel Present (Reference/attach SUXOS's daily report if applicable)

Name	Position	Company
Syd Rodgers	SUXOS	Tetra Tech NUS
Glen Childers	Safety/QC	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Jake Clemet	Tech III	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS

II. Work Performed

Start trenching operations, sweeping grids with Schonstedts and Whites.

III. Quality Control Activities (Reference/attach inspection/surveillance rep orts):

Observed check out of Schonstedts, Whites, and GPS units, no discrepancies noted. Placed seed items in grids to be swept, coordinates: Seed # 1 N 378274.19 E 3016835.34, Seed # 2 N 378395.62 E 3016802.69, Seed # 3 N 378331.33 E 3016854.73, and Seed # 4 N 378443.58 E 3016828.20. Continued on next page.

IV. Problems Encountered / Corrective Actions Taken

N/A

V. Directions Given / Received:

N/A

VI. Special Notes / Lessons Learned

N/A

VII. Visitors

None

VIII. Approval

Name and Signature: Glen Childers	Title/Company: Safety/QC, Tetra Tech	Date: 7/24/10

SGS

Revised April 2005

Section III Continued:

Observed the sweeping of grids using Schonstedts and Whites, no discrepancies noted. Observed digging of trenches, no discrepancies noted. Trenches 2, 3, and 9 were completed today and QC'd, all were satisfactory, no discrepancies noted. The following grids were QC'd today : D1, D2, E1, E2, F1, F2, G1, and G2. All grids were satisfactory, no discrepancies noted. All seed items were located by the sweep team.

DAILY QUALITY CONTROL REPORT

Project Name: NAS Brunswick Report No: 36

Project No: 112G02063 Location: Brunswick, ME Date: 7/25/10

☒ Sunday ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday

Weather: Rain, 50% chance of thunderstorms	High Temperature: 83 Low Temperature: 64	Wind: WNW @ 10 -15	Humidity 100%

I. Personnel Present (Reference/attach SUXOS's daily report if applicable)

Name	Position	Company
Syd Rodgers	SUXOS	Tetra Tech NUS
Glen Childers	Safety/QC	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Jake Clemet	Tech III	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS

II. Work Performed

Start trenching operations, sweeping grids with Schonstedts and Whites.

III. Quality Control Activities (Reference/attach inspection/surveillance rep orts):

Observed check out of Schonstedts, Whites, and GPS units, no discrepancies noted. Placed seed items in grids to be swept, coordinates: Seed # 1 N 378381.30 E 3016990.12, Seed # 2 N 378389.11 E 3016975.84, and Seed # 3 N 378443.91 E 3016952.96, Continued on next page.

IV. Problems Encountered / Corrective Actions Taken

N/A

V. Directions Given / Received:

N/A

VI. Special Notes / Lessons Learned

N/A

VII. Visitors

None

VIII. Approval

Name and Signature: Glen Childers	Title/Company: Safety/QC, Tetra Tech	Date: 7/25/10

SGS

Revised April 2005

Section III Continued:

Observed the sweeping of grids using Schonstedts and Whites, no discrepancies noted. No trenching today because of wet soil. Observed team checking surface around completed trenches for anything that might have been uncovered during backfill operations. The sweep team located an 81 MM Practice Mortar (MPPEH) in grid H2, Item # S12-H2-17, coordinates: N 378464.71 E 3016950.53, Photo # 116. The sweep team located an empty 75 MM Projectile (MPPEH) in grid G3, Item # S12-G3-18, coordinates: N 378416.31 E 3017025.65, Photo # 117. The sweep team located another Empty 75 MM Projectile (MPPEH) in grid G3, Item # S12-G3-19, coordinates: N 378352.23 E 3017069.79, Photo # 118. The sweep team located a AN-MK 228 tail fuze (MEC) in grid G2, Item # S12-G2-20, coordinates N 378343.20 E 3016874.95, Photo # 119. Grids G2, G3, and H2 were completed and QC'd. Grids were found satisfactory, no discrepancies noted. Schonstedts, Whites, and GPS units were checked out, no discrepancies noted. All seed items were located by the sweep team.

DAILY QUALITY CONTROL REPORT

Project Name: NAS Brunswick Report No: 37

Project No: 112G02063 Location: Brunswick, ME Date: 7/26/10

☐ Sunday ☒ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday

Weather: Mostly Clear	High Temperature: 80 Low Temperature: 55	Wind: WNW @ 15- 25	Humidity 96%

I. Personnel Present (Reference/attach SUXOS's daily report if applicable)

Name	Position	Company
Syd Rodgers	SUXOS	Tetra Tech NUS
Glen Childers	Safety/QC	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Jake Clemet	Tech III	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS

II. Work Performed

Start trenching operations, sweeping grids with Schonstedts and Whites.

III. Quality Control Activities (Reference/attach inspection/surveillance rep orts):

Observed check out of Schonstedts, Whites, and GPS units, no discrepancies noted. Observed digging of Trench # 7, the following items were recovered: 75 MM Projectile Base (MPPEH), 1 inch deep, Item # S12-trench 7-21, coordinates N 378271.15 E 3017331.06, Photo # 120. Continued on next page.

IV. Problems Encountered / Corrective Actions Taken

N/A

V. Directions Given / Received:

N/A

VI. Special Notes / Lessons Learned

N/A

VII. Visitors

None

VIII. Approval

Name and Signature: Glen Childers	Title/Company: Safety/QC, Tetra Tech	Date: 7/26/10

Revised April 2005

Section III Continued:

Frag (MPPEH), 18 inches deep, Item # S12-trench 7-22, coordinates N 378221.46 E 3017326.33, Photo # 121, Ballistic Shield (MPPEH), 24 inches deep, Item # S12-trench 7-23, coordinates N 378221,46 E 3017325.36, Photo # 122, Frag (MPPEH), 8 inches deep, coordinates N 378225.82 E 3017323.60 Item # S12-trench 7-24, Photo # 123, 40 MM cartridge base (MPPEH), 6 inches deep, Item # S12-trench 7-25, coordinates N 378228.08 E 3017320.70, Photo # 124. Ejection cartridge bases (MPPEH) 3 inches deep, Item # S12-trench 7-26, coordinates N 378230.36 E 3017320.35. Started Trench # 8, The following items were found in Trench 8: A fuze type unknown (MPPEH) was found at 42 inches deep, item # S12-trench 8-27, coordinates N 378253.99 E 3017323.14, Photo # 126. A 37 MM cartridge base (MPPEH), 18 inches deep, Item # S12-trench 8-28, coordinates N 378251.46 E 3017324.59, Photo # 127. A rocket motor (MPPEH), 30 inches deep, Item # S12-trench 8-29, coordinates N 378246.42 E 3017330.32, Photo # 128. And a rocket motor venture (MPPEH), 24 inches deep, Item # S12-trench 8-30, coordinates: N 378259.81 E 3017333.44, Photo # 129. Observed afternoon checkout of Schonstedts and Whites, no discrepancies noted.

DAILY QUALITY CONTROL REPORT

Project Name: NAS Brunswick Report No: 38

Project No: 112G02063 Location: Brunswick, ME Date: 7/27/10

☐ Sunday ☐ Monday ☒ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday

Weather: Clear	High Temperature: 85 Low Temperature: 59	Wind: WNW @ 5- 10	Humidity 83%

I. Personnel Present (Reference/attach SUXOS's daily report if applicable)

Name	Position	Company
Syd Rodgers	SUXOS	Tetra Tech NUS
Glen Childers	Safety/QC	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Jake Clemet	Tech III	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS

II. Work Performed

Trenching operations

III. Quality Control Activities (Reference/attach inspection/surveillance rep orts):

Observed check out of Schonstedts, Whites, GPS Units, and Equipment, no discrepancies noted. Start excavation of Trench # 5. Trench 5 completed and QC'd, the trench was found to be satisfactory no discrepancies noted. Observed demolition operations, no discrepancies noted. The base fire department wet down the area prior to demo to reduce the chance of fire.

IV. Problems Encountered / Corrective Actions Taken

N/A

V. Directions Given / Received:

N/A

VI. Special Notes / Lessons Learned

N/A

VII. Visitors

David McGlynn (NASB FD), Wayne Libbi (NASB FD), Miguel Ortega (NASB FD), and John Levesque (NASB FD)

VIII. Approval

Name and Signature: Glen Childers	Title/Company: Safety/QC, Tetra Tech	Date: 7/27/10

SGS

Revised April 2005

DAILY QUALITY CONTROL REPORT

Project Name: NAS Brunswick | Report No: 39

Project No: 112G02063 | Location: Brunswick, ME | Date: 7/28/10

☐ Sunday ☐ Monday ☐ Tuesday ☒ Wednesday ☐ Thursday ☐ Friday ☐ Saturday

Weather: Clear	High Temperature: 85 Low Temperature: 57	Wind: SSW @ 10 - 20	Humidity 96%

I. Personnel Present (Reference/attach SUXOS's daily report if applicable)

Name	Position	Company
Syd Rodgers	SUXOS	Tetra Tech NUS
Glen Childers	Safety/QC	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS

II. Work Performed

Trenching operations

III. Quality Control Activities (Reference/attach inspection/surveillance rep orts):

Observed check out of Schonstedts, Whites, GPS Units, and Equipment, no discrepancies noted. Observed excavation of Trench # 10, the following items were recovered from Trench # 10: 2.25 SCAR W/H (MPPEH), 36 inches deep, Item # S12-Trench 10-31, coordinates N 378303.64 E 3017300.48, Photo #158. Continued on next page.

IV. Problems Encountered / Corrective Actions Taken

N/A

V. Directions Given / Received:

N/A

VI. Special Notes / Lessons Learned

N/A

VII. Visitors

Brion Hall (NASB Explosive Safety Officer), Steven Foard (NASB Safety), and Michael Fagan (NASB Safety)

VIII. Approval

Name and Signature: Glen Childers	Title/Company: Safety/QC, Tetra Tech	Date: 7/28/10

SGS

Revised April 2005

Section III Continued:

A 2.75 rocket motor venture (MPPEH), 30 inches deep, Item # S12-Trench 10-32, coordinates N 378306.72 E 3017308.90, Photo # 159. A rotating band for a 5 inch projectile (MPPEH), 30 inches deep, Item # S12-Trench 10-33, coordinates N 378295.20 E 3017305.91, Photo # 160. Pieces of bulk HE (MEC), 24 inches deep, Item # S12-Trench 10-34, coordinates N 378292.30 E 3017306.19, Photo # 161. A fuze type UNK (MPPEH), 18 inches deep, Item # S12-Trench 10-35, coordinates N 378295.03 E 3017302.91, Photo # 162. A Naval Mine (MPPEH), 12 inches deep, Item # S12-Trench 10-36, coordinates N 378303.22 E 3017307.78, Photos # 163, 164, and 165. And a fuze type UNK (MPPEH), surface, Item # S12-Trench 10-37, coordinates N 378297.16 E 3017326.64, Photo # 166. Trench 10 completed and QC'd, no discrepancies noted.

DAILY QUALITY CONTROL REPORT

Project Name: NAS Brunswick Report No: 40

Project No: 112G02063 Location: Brunswick, ME Date: 8/2/10

☐ Sunday ☐ Monday ☒ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday

Weather: Clear, 20% chance of rain	High Temperature: 74 Low Temperature: 52	Wind: SW @ 5 - 10	Humidity 93%

I. Personnel Present (Reference/attach SUXOS's daily report if applicable)

Name	Position	Company
Syd Rodgers	SUXOS	Tetra Tech NUS
Glen Childers	Safety/QC	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Jake Clemet	Tech III	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS

II. Work Performed

Trenching operations, staking out expansion grids.

III. Quality Control Activities (Reference/attach inspection/surveillance rep orts):

Observed check out of Schonstedts, Whites, GPS Units, and Equipment, no discrepancies noted. Observed excavation of Trench # 11, No discrepancies noted. QC'd Trench # 11, no discrepancies noted. Observed staking out expansion grids, no discrepancies noted.

IV. Problems Encountered / Corrective Actions Taken

N/A

V. Directions Given / Received:

N/A

VI. Special Notes / Lessons Learned

N/A

VII. Visitors

None

VIII. Approval

Name and Signature: Glen Childers	Title/Company: Safety/QC, Tetra Tech	Date: 8/2/10

Revised April 2005

DAILY QUALITY CONTROL REPORT

Project Name: NAS Brunswick | Report No: 41

Project No: 112G02063 | Location: Brunswick, ME | Date: 8/3/10

☐ Sunday ☐ Monday ☒ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday

Weather: Cloudy, 30% chance of rain	High Temperature: 78 Low Temperature: 64	Wind: S @ 5 - 10	Humidity 96%

I. Personnel Present (Reference/attach SUXOS's daily report if applicable)

Name	Position	Company
Syd Rodgers	SUXOS	Tetra Tech NUS
Glen Childers	Safety/QC	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Jake Clemet	Tech III	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS

II. Work Performed

Trenching operations, staking end points of transects in FMBW Area.

III. Quality Control Activities (Reference/attach inspection/surveillance rep orts):

Observed check out of Schonstedts, Whites, GPS Units, and Equipment, no discrepancies noted. Observed excavation of Trench # 12' Observed staking end points of transects in FMBW Area. No discrepancies noted. Trench # 12 completed and QC'd, No discrepancies noted. Continued on next page.

IV. Problems Encountered / Corrective Actions Taken

N/A

V. Directions Given / Received:

N/A

VI. Special Notes / Lessons Learned

N/A

VII. Visitors

None

VIII. Approval

Name and Signature: Glen Childers	Title/Company: Safety/QC, Tetra Tech	Date: 8/3/10

Section III Continued:

Broadcast grass seed in areas dug up during trench excavation. Start sweeping added areas with Schonstedts and Whites. Two seed items were put out, coordinates: Seed # 1 N378319.52 E 3016762.61, Seed # 2 N 378732.51 E 3016882.30. Grids K2, L2, and L3 were completed today, one seed item was located, the other seed is in the grid to be done tomorrow.

DAILY QUALITY CONTROL REPORT

Project Name: NAS Brunswick Report No: 42

Project No: 112G02063 Location: Brunswick, ME Date: 8/4/10

☐ Sunday ☐ Monday ☐ Tuesday ☒ Wednesday ☐ Thursday ☐ Friday ☐ Saturday

Weather: Cloudy, 20% chance of rain	High Temperature: 88 Low Temperature: 70	Wind: SW @ 15 - 25	Humidity 84%

I. Personnel Present (Reference/attach SUXOS's daily report if applicable)

Name	Position	Company
Syd Rodgers	SUXOS	Tetra Tech NUS
Glen Childers	Safety/QC	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Jake Clemet	Tech III	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS

II. Work Performed

Trenching operations, staking end points of transects in FMBW Area, sweeping transects with Schonstedts and Whites.

III. Quality Control Activities (Reference/attach inspection/surveillance rep orts):

Observed check out of Schonstedts, Whites, and GPS Unit, no discrepancies noted..Sweep Grid G1 with Schonstedts and Whites. The sweep team located a Gator Mine (MPPEH) in grid G1, Item # S12-G1-38, coordinates N 378336.43 E, 3016785.96, Photo # 167.Item left in place and will be blown tomorrow. Continued on next page.

IV. Problems Encountered / Corrective Actions Taken

N/A

V. Directions Given / Received:

N/A

VI. Special Notes / Lessons Learned

N/A

VII. Visitors

None

VIII. Approval

Name and Signature: Glen Childers	Title/Company: Safety/QC, Tetra Tech	Date: 8/4/10

Revised April 2005

Section III Continued:

Grid G1 completed. The following grids were QC'd and found to be satisfactory, no discrepancies noted. The sweep team located all seed items. Moved to FMBW, completed staking transect ends and start sweeping the transects. Transects 1 and 2 were completed today.

Glen Childers completed the ITRC course quality Considerations for Munitions Resposns.

DAILY QUALITY CONTROL REPORT

Project Name: NAS Brunswick | Report No: 43

Project No: 112G02063 | Location: Brunswick, ME | Date: 8/5/10

☐ Sunday ☐ Monday ☐ Tuesday ☐ Wednesday ☒ Thursday ☐ Friday ☐ Saturday

Weather: mostly clear, 40% chance of afternoon thunderstorms	High Temperature: 80 Low Temperature: 65	Wind: SSW @ 5 - 10	Humidity 97%

I. Personnel Present (Reference/attach SUXOS's daily report if applicable)

Name	Position	Company
Syd Rodgers	SUXOS	Tetra Tech NUS
Glen Childers	Safety/QC	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Jake Clemet	Tech III	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS

II. Work Performed

Staking end points of transects in FMBW Area, sweeping transects with Schonstedts, White and, Vallon. Demolition Operations.

III. Quality Control Activities (Reference/attach inspection/surveillance rep orts):

Changed IVS # 1 to comply with the ESS for FMBW, Observed check out of Schonstedts, Whites, and GPS Unit, no discrepancies noted. QC'd FMBW Transects 1 and 2, no discrepancies noted. Observed demolition operations, no discrepancies noted. Observed marking of transects and sweeping transects, no discrepancies noted.

IV. Problems Encountered / Corrective Actions Taken

N/A

V. Directions Given / Received:

N/A

VI. Special Notes / Lessons Learned

N/A

VII. Visitors

Michael Demers (NSAB FD), John Wilson (NASB FD), Larry Mayer (NASB FD), and Nelson Barter (NASB FD)

VIII. Approval

Name and Signature: Glen Childers	Title/Company: Safety/QC, Tetra Tech	Date: 8/5/10

Revised April 2005

DAILY QUALITY CONTROL REPORT

Project Name: NAS Brunswick | Report No: 44

Project No: 112G02063 | Location: Brunswick, ME | Date: 8/6/10

☐ Sunday ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☒ Friday ☐ Saturday

Weather: mostly clear,	High Temperature: 81 Low Temperature: 64	Wind: W @ 10 - 20	Humidity 100%

I. Personnel Present (Reference/attach SUXOS's daily report if applicable)

Name	Position	Company
Syd Rodgers	SUXOS	Tetra Tech NUS
Glen Childers	Safety/QC	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Jake Clemet	Tech III	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS

II. Work Performed

Sweeping transects in FMBW with Schonstedts, White and, Vallon. Marking anomalies in FMBW. Sweeping of additional area of Site 12.

III. Quality Control Activities (Reference/attach inspection/surveillance rep orts):

Observed sweeping of transects in FMBW. QC of transects 3, 4, 5 6, 7, 8, 9, 10, 11, 12, and 13. All transects were found to be satisfactory, no discrepancies noted. Observed marking of anomalies in FMBW, no discrepancies noted. Observed seeping additional area of Site 12, no discrepancies noted. QC of additional area of Site 12, satisfactory, no discrepancies noted.

IV. Problems Encountered / Corrective Actions Taken

N/A

V. Directions Given / Received:

N/A

VI. Special Notes / Lessons Learned

N/A

VII. Visitors

None

VIII. Approval

Name and Signature: Glen Childers	Title/Company: Safety/QC, Tetra Tech	Date: 8/6/10

Note: Reports 45 through 48 not provided because relevant only to FMBW and not Site 12.

Revised April 2005

DAILY QUALITY CONTROL REPORT

Project Name: NAS Brunswick | Report No: 49

Project No: 112G02063 | Location: Brunswick, ME | Date: 813/10

☐ Sunday ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☒ Friday ☐ Saturday

Weather: Fog, Partly Cloudy	High Temperature: 77 Low Temperature: 52	Wind: ESE @ 5 - 10	Humidity 94%

I. Personnel Present (Reference/attach SUXOS's daily report if applicable)

Name	Position	Company
Syd Rodgers	SUXOS	Tetra Tech NUS
Glen Childers	Safety/QC	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS

II. Work Performed

Demolition, pack for demob

III. Quality Control Activities (Reference/attach inspection/surveillance reports):

Observed demolition operations, no discrepancies noted

IV. Problems Encountered / Corrective Actions Taken

N/A

V. Directions Given / Received:

N/A

VI. Special Notes / Lessons Learned

N/A

VII. Visitors

Michael R Demeo (NASB FD), Scott Lizutte (NASB FD), Nelson Barter (NASB FD), Bill Poixe (NASB FD), Michael Fagan (NASB Env)

VIII. Approval

Name and Signature: Glen Childers	Title/Company: Safety/QC, Tetra Tech	Date: 8/13/10

Revised April 2005

MRP FF.15

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

DAILY QUALITY CONTROL REPORT

Project Name: MEC Time Critical Removal Action | Report No: 26

Project No: 112G00645 | Location: Quarry Area | Date: 10/22/2011

I. Personnel Present Syd Rodgers, Peter Dummitt, Frank Montes, Nick Brantley, Shaun Woods, James Corder, Ralph Brooks, Chris Rose **See Daily Tailgate Safety Form**

II. Definable Feature of Work (see SAP Worksheet No. 12 and revise list as needed)

- ☒ Site Preparation (including Mobilization)
- ☐ Site Surveying
- ☒ Vegetation Clearance
- ☒ GPS Positional Data
- ☒ IVS
- ☒ Detector Aided Survey
- ☒ Target Acquisition
- ☐ Donor Explosive Handling
- ☐ MEC Management (Treatment)
- ☐ MPPEH Management (Inspection)
- ☐ MPPEH Management (Certification)
- ☐ MPPEH Management (Disposal)
- ☐ Demobilization
- ☐ Manual Intrusive Operations

III. Quality Control Activities (Include blind seed coordinates and results and reference/attach inspection/surveillance reports):

Checked instruments at IVS in accordance with the TCRA work plan
Performed GPS QC Checks.
Placed Bravo flags and barriers at all access points to the Quarry. Had to reposition flag and barrier
Completed Detector Aided Surface Survey Operations transect down grid line from stake #54 to #49
A surface QC was completed of remaining anomalies in grids A-6. All passed QC.
Moved IVS to Site 12. Started preparation in Site 12.
Moved Bravo flags and barriers at all access points to the Site 12 Area.

IV. Problems Encountered / Corrective Actions Taken

V. Directions Given / Received:

VI. Special Notes / Lessons Learned

VII. Visitors:

☐ **Yes (see Visitor's Log/Daily Activity Log)** ☒ **No**

VIII. Approval

Name and Signature: Peter Dummitt	Title/Company: QC/UXOSO	Date: 10/21/2011

Revised March 2011

MRP FF.15

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

DAILY QUALITY CONTROL REPORT

Project Name: MEC Time Critical Removal Action | Report No: 27

Project No: 112G00645 | Location: Site 12 | Date: 10/23/2011

I. Personnel Present Syd Rodgers, Peter Dummitt, Frank Montes, Nick Brantley, Shaun Woods, James Corder, Ralph Brooks, Chris Rose **See Daily Tailgate Safety Form**

II. Definable Feature of Work (see SAP Worksheet No. 12 and revise list as needed)

- ☐ Site Preparation (including Mobilization)
- ☒ Site Surveying
- ☐ Vegetation Clearance
- ☒ GPS Positional Data
- ☒ IVS
- ☐ Detector Aided Survey
- ☐ Target Acquisition
- ☐ Donor Explosive Handling
- ☐ MEC Management (Treatment)
- ☐ MPPEH Management (Inspection)
- ☐ MPPEH Management (Certification)
- ☐ MPPEH Management (Disposal)
- ☐ Demobilization
- ☐ Manual Intrusive Operations

III. Quality Control Activities (Include blind seed coordinates and results and reference/attach inspection/surveillance reports):

Checked instruments at IVS in accordance with the TCRA work plan.
Performed GPS QC checks.
Placed Bravo flags and barriers at all access points to Site 12.
Observed placement of border stakes around work areas in Site 12.

IV. Problems Encountered / Corrective Actions Taken

V. Directions Given / Received:

VI. Special Notes / Lessons Learned

VII. Visitors:

☐ **Yes (see Visitor's Log/Daily Activity Log)** ☒ **No**

VIII. Approval

Name and Signature: Peter Dummitt	Title/Company: QC/UXOSO	Date: 10/23/2011

Revised March 2011

MRP FF.15

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

DAILY QUALITY CONTROL REPORT

Project Name: MEC Time Critical Removal Action | Report No: 28

Project No: 112G00645 | Location: Site 12 | Date: 10/24/2011

I. Personnel Present Syd Rodgers, Peter Dummitt, Frank Montes, Nick Brantley, Shaun Woods, James Corder, Ralph Brooks, Chris Rose **See Daily Tailgate Safety Form**

II. Definable Feature of Work (see SAP Worksheet No. 12 and revise list as needed)

- ☐ Site Preparation (including Mobilization)
- ☐ Site Surveying
- ☒ Vegetation Clearance
- ☒ GPS Positional Data
- ☒ IVS
- ☐ Detector Aided Survey
- ☐ Target Acquisition
- ☐ Donor Explosive Handling
- ☐ MEC Management (Treatment)
- ☐ MPPEH Management (Inspection)
- ☐ MPPEH Management (Certification)
- ☐ MPPEH Management (Disposal)
- ☐ Demobilization
- ☐ Manual Intrusive Operations

III. Quality Control Activities (Include blind seed coordinates and results and reference/attach inspection/surveillance reports):

Checked instruments at IVS in accordance with the TCRA work plan.
Performed GPS QC checks at Quarry Area. Confirmed location of Site 12 QC check monuments. Will perform GPS QC checks at these points during Site 12 operations.
Placed Bravo flags and barriers at all access points to Site 12.
Watched Vegetation Clearance around work areas in Site 12.

IV. Problems Encountered / Corrective Actions Taken

V. Directions Given / Received:

VI. Special Notes / Lessons Learned

VII. Visitors:

☐ **Yes (see Visitor's Log/Daily Activity Log)** ☒ **No**

VIII. Approval

Name and Signature: Peter Dummitt Peter Dummitt | Title/Company: QC/UXOSO | Date: 10/24/2011

Revised March 2011

MRP FF.15

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

DAILY QUALITY CONTROL REPORT

Project Name: MEC Time Critical Removal Action | Report No: 29

Project No: 112G00645 | Location: Site 12 | Date: 10/25/2011

I. Personnel Present Syd Rodgers, Peter Dummitt, Frank Montes, Nick Brantley, Shaun Woods, James Corder, **See Daily Tailgate Safety Form**

II. Definable Feature of Work (see SAP Worksheet No. 12 and revise list as needed)

- ☐ Site Preparation (including Mobilization)
- ☐ Site Surveying
- ☒ Vegetation Clearance
- ☒ GPS Positional Data
- ☒ IVS
- ☐ Detector Aided Survey
- ☐ Target Acquisition
- ☐ Donor Explosive Handling
- ☐ MEC Management (Treatment)
- ☐ MPPEH Management (Inspection)
- ☐ MPPEH Management (Certification)
- ☐ MPPEH Management (Disposal)
- ☐ Demobilization
- ☐ Manual Intrusive Operations

III. Quality Control Activities (Include blind seed coordinates and results and reference/attach inspection/surveillance reports):

Checked instruments at IVS in accordance with the TCRA work plan.
Performed GPS QC Checks.
Placed Bravo flags and barriers at all access points to Site 12.
Watched Vegetation Clearance around work areas in Site 12, looking Good. All vegetation is being cut in accordance with the TCRA work plan.

IV. Problems Encountered / Corrective Actions Taken

V. Directions Given / Received:

VI. Special Notes / Lessons Learned

VII. Visitors:

☐ **Yes (see Visitor's Log/Daily Activity Log)** ☒ **No**

VIII. Approval

Name and Signature: Peter Dummitt	Title/Company: QC/UXOSO	Date: 10/25/2011

Revised March 2011

MRP FF.15

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

DAILY QUALITY CONTROL REPORT

Project Name: MEC Time Critical Removal Action | Report No: 30

Project No: 112G00645 | Location: Site 12 | Date: 10/26/2011

I. Personnel Present Syd Rodgers, Peter Dummitt, Frank Montes, Nick Brantley, Shaun Woods, James Corder
See Daily Tailgate Safety Form

II. Definable Feature of Work (see SAP Worksheet No. 12 and revise list as needed)

- ☐ Site Preparation (including Mobilization)
- ☐ Site Surveying
- ☐ Vegetation Clearance
- ☒ GPS Positional Data
- ☒ IVS
- ☒ Detector Aided Survey
- ☒ Target Acquisition
- ☐ Donor Explosive Handling
- ☐ MEC Management (Treatment)
- ☐ MPPEH Management (Inspection)
- ☐ MPPEH Management (Certification)
- ☐ MPPEH Management (Disposal)
- ☐ Demobilization
- ☐ Manual Intrusive Operations

III. Quality Control Activities (Include blind seed coordinates and results and reference/attach inspection/surveillance reports):

Checked instruments at IVS in accordance with the TCRA work plan
Performed GPS QC checks
Placed Bravo flags and barriers at all access points to Quarry
Three seeds were placed in Area B. Seed #16 was placed 10 inches at 1 inch depth from flag B275 in grid E-3, Seed #04 was placed 8 inches at 4 inch deep from flag 200 in grid F-3 and Seed #03 was placed 12 inches at 6 inch deep from flag B91 in grid F-2.
Team found all seed items. All 35 anomalies were 100% QC'd and passed

IV. Problems Encountered / Corrective Actions Taken

V. Directions Given / Received:

VI. Special Notes / Lessons Learned

VII. Visitors:

☐ **Yes (see Visitor's Log/Daily Activity Log)** ☒ **No**

VIII. Approval

Name and Signature: Peter Dummitt	Title/Company: QC/UXOSO	Date: 10/26/2011

Revised March 2011

MRP FF.15

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

DAILY QUALITY CONTROL REPORT

Project Name: MEC Time Critical Removal Action | Report No: 32

Project No: 112G00645 | Location: Site 12 | Date: 11/1/2011

I. Personnel Present Syd Rodgers, Peter Dummitt, Frank Montes, Nick Brantley, Shaun Woods, James Corder
See Daily Tailgate Safety Form

II. Definable Feature of Work (see SAP Worksheet No. 12 and revise list as needed)

- ☐ Site Preparation (including Mobilization)
- ☐ Site Surveying
- ☒ Vegetation Clearance
- ☒ GPS Positional Data
- ☒ IVS
- ☒ Detector Aided Survey
- ☐ Target Acquisition
- ☐ Donor Explosive Handling
- ☐ MEC Management (Treatment)
- ☐ MPPEH Management (Inspection)
- ☐ MPPEH Management (Certification)
- ☐ MPPEH Management (Disposal)
- ☐ Demobilization
- ☐ Manual Intrusive Operations

III. Quality Control Activities (Include blind seed coordinates and results and reference/attach inspection/surveillance reports):

Checked instruments at IVS in accordance with the TCRA work plan.
Performed GPS QC Checks.
Placed Bravo flags and barriers at all access points to Site 12.
Observed Vegetation Clearance around work areas in Site 12, looking Good. Operations are progressing as planned.
Observed crew perform Detector Aided Survey. All personnel using proper sweep techniques.

IV. Problems Encountered / Corrective Actions Taken

V. Directions Given / Received:

VI. Special Notes / Lessons Learned

VII. Visitors:

☐ Yes (see Visitor's Log/Daily Activity Log) ☒ No

VIII. Approval

Name and Signature: Peter Dummitt	Title/Company: QC/UXOSO	Date: 11/1/2011

Revised March 2011

MRP FF.15

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

DAILY QUALITY CONTROL REPORT

Project Name: MEC Time Critical Removal Action | Report No: 33

Project No: 112G00645 | Location: Site 12 | Date: 11/2/2011

I. Personnel Present Syd Rodgers, Peter Dummitt, Frank Montes, Nick Brantley, Shaun Woods, James Corder, **See Daily Tailgate Safety Form**

II. Definable Feature of Work (see SAP Worksheet No. 12 and revise list as needed)

- ☐ Site Preparation (including Mobilization)
- ☒ Site Surveying
- ☐ Vegetation Clearance
- ☒ GPS Positional Data
- ☒ IVS
- ☒ Detector Aided Survey
- ☐ Target Acquisition
- ☐ Donor Explosive Handling
- ☐ MEC Management (Treatment)
- ☐ MPPEH Management (Inspection)
- ☐ MPPEH Management (Certification)
- ☐ MPPEH Management (Disposal)
- ☐ Demobilization
- ☐ Manual Intrusive Operations

III. Quality Control Activities (Include blind seed coordinates and results and reference/attach inspection/surveillance reports):

Checked instruments at IVS in accordance with the TCRA work plan
Performed GPS QC checks.
Placed Bravo flags and barriers at all access points to Site 12.
Watched crew in Detector Aided Survey.
A 25% QC of the area of the wet lands in B-5, B-6, wet lands in E-6, and wet lands in I-6. Also a 10% QC of areas in H-5, H-6 and G-5. All areas passed QC.
QC seed #13 was located today

IV. Problems Encountered / Corrective Actions Taken

V. Directions Given / Received:

VI. Special Notes / Lessons Learned

VII. Visitors:

☐ **Yes (see Visitor's Log/Daily Activity Log)** ☒ **No**

VIII. Approval

Name and Signature: Peter Dummitt | Title/Company: QC/UXOSO | Date: 11/2/2011

Revised March 2011

MRP FF.15

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

DAILY QUALITY CONTROL REPORT

Project Name: MEC Time Critical Removal Action | Report No: 34

Project No: 112G00645 | Location: Site 12 | Date: 11/3/2011

I. Personnel Present Syd Rodgers, Peter Dummitt, Frank Montes, Nick Brantley, Shaun Woods, James Corder, See Daily Tailgate Safety Form

II. Definable Feature of Work (see SAP Worksheet No. 12 and revise list as needed)

- ☐ Site Preparation (including Mobilization)
- ☐ Site Surveying
- ☐ Vegetation Clearance
- ☒ GPS Positional Data
- ☒ IVS
- ☒ Detector Aided Survey
- ☐ Target Acquisition
- ☐ Donor Explosive Handling
- ☐ MEC Management (Treatment)
- ☐ MPPEH Management (Inspection)
- ☐ MPPEH Management (Certification)
- ☐ MPPEH Management (Disposal)
- ☐ Demobilization
- ☐ Manual Intrusive Operations

III. Quality Control Activities (Include blind seed coordinates and results and reference/attach inspection/surveillance reports):

Checked instruments at IVS in accordance with the TCRA work plan
Placed Bravo flags and barriers at all access points to Site 12.
Performed GPS QC Checks
Watched crew in Detector Aided Survey.
A 10% QC of the area of the wet lands in H-1, H-2, H-4, H-6, H-7, G-1, G-2, G-3 G-4, G-5, F-2 and F-3 also debris field in grids L-3, L-4 and L-5 was also QC 10% checked. All areas passed QC.
QC seeds #16 and D121 were located today.

IV. Problems Encountered / Corrective Actions Taken

V. Directions Given / Received:

VI. Special Notes / Lessons Learned

VII. Visitors:

☐ Yes (see Visitor's Log/Daily Activity Log) ☒ No

VIII. Approval

Name and Signature: Peter Dummitt	Title/Company: QC/UXOSO	Date: 11/3/2011

Revised March 2011

MRP FF.15

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

DAILY QUALITY CONTROL REPORT

Project Name: MEC Time Critical Removal Action | Report No: 35

Project No: 112G00645 | Location: Site 12 | Date: 11/4/2011

I. Personnel Present Syd Rodgers, Peter Dummitt, Frank Montes, Nick Brantley, Shaun Woods, James Corder, See Daily Tailgate Safety Form

II. Definable Feature of Work (see SAP Worksheet No. 12 and revise list as needed)

- ☐ Site Preparation (including Mobilization)
- ☐ Site Surveying
- ☐ Vegetation Clearance
- ☒ GPS Positional Data
- ☒ IVS
- ☐ Detector Aided Survey
- ☐ Target Acquisition
- ☐ Donor Explosive Handling
- ☐ MEC Management (Treatment)
- ☐ MPPEH Management (Inspection)
- ☐ MPPEH Management (Certification)
- ☐ MPPEH Management (Disposal)
- ☐ Demobilization
- ☐ Manual Intrusive Operations

III. Quality Control Activities (Include blind seed coordinates and results and reference/attach inspection/surveillance reports):

Checked instruments at IVS in accordance with the TCRA work plan
Performed GPS QC checks.
Placed Bravo flags and barriers at all access points to Site 12.
Watched crew in Visual Survey of steep rock face on west side of site 12.
A Visual QC of the steep rock face on west side of site 12. Area passed QC.
Performed UXO Escort Operations for Federal and State Regulators.

IV. Problems Encountered / Corrective Actions Taken

V. Directions Given / Received:

VI. Special Notes / Lessons Learned

VII. Visitors:

☐ Yes (see Visitor's Log/Daily Activity Log) ☒ No

VIII. Approval

Name and Signature: Peter Dummitt	Title/Company: QC/UXOSO	Date: 11/4/2011

Revised March 2011

MRP FF.15

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

DAILY QUALITY CONTROL REPORT

Project Name: MEC Time Critical Removal Action | Report No: 36

Project No: 112G00645 | Location: Site 12 | Date: 11/5/2011

I. Personnel Present Syd Rodgers, Peter Dummitt, Frank Montes,
See Daily Tailgate Safety Form

II. Definable Feature of Work (see SAP Worksheet No. 12 and revise list as needed)

- ☐ Site Preparation (including Mobilization)
- ☐ Site Surveying
- ☐ Vegetation Clearance
- ☐ GPS Positional Data
- ☐ IVS
- ☐ Detector Aided Survey
- ☐ Target Acquisition
- ☐ Donor Explosive Handling
- ☐ MEC Management (Treatment)
- ☐ MPPEH Management (Inspection)
- ☐ MPPEH Management (Certification)
- ☐ MPPEH Management (Disposal)
- ☒ Demobilization
- ☐ Manual Intrusive Operations

III. Quality Control Activities (Include blind seed coordinates and results and reference/attach inspection/surveillance reports):

Package all tools and equipment for shipment.

IV. Problems Encountered / Corrective Actions Taken

V. Directions Given / Received:

VI. Special Notes / Lessons Learned

VII. Visitors:

☐ Yes (see Visitor's Log/Daily Activity Log) ☒ No

VIII. Approval

Name and Signature: Peter Dummitt	Title/Company: QC/UXOSO	Date: 11/5/2011

Revised March 2011

MRP FF.15

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

DAILY QUALITY CONTROL REPORT

Project Name: MEC Time Critical Removal Action | Report No: 37

Project No: 112G00645 | Location: Site 12 | Date: 11/7/2011

Personnel Present Syd Rodgers, Peter Dummitt, Frank Montes
See Daily Tailgate Safety Form

II. Definable Feature of Work (see SAP Worksheet No. 12 and revise list as needed)

- ☐ Site Preparation (including Mobilization)
- ☐ Site Surveying
- ☐ Vegetation Clearance
- ☐ GPS Positional Data
- ☐ IVS
- ☐ Detector Aided Survey
- ☐ Target Acquisition
- ☐ Donor Explosive Handling
- ☒ MEC Management (Treatment)
- ☐ MPPEH Management (Inspection)
- ☐ MPPEH Management (Certification)
- ☐ MPPEH Management (Disposal)
- ☐ Demobilization
- ☐ Manual Intrusive Operations

III. Quality Control Activities (Include blind seed coordinates and results and reference/attach inspection/surveillance reports):

Moved Road barrier and Bravo Flags at Site 12 to Quarry and put them in place. Demo operations will take place tomorrow Tuesday Nov. 8th due to a delay in shipment.

IV. Problems Encountered / Corrective Actions Taken

V. Directions Given / Received:

VI. Special Notes / Lessons Learned

VII. Visitors:

☐ **Yes (see Visitor's Log/Daily Activity Log)** ☒ **No**

VIII. Approval

Name and Signature: Peter Dummitt | Title/Company: QC/UXOSO | Date: 11/7/2011

Revised March 2011

B.3 DAILY INSTRUMENT IVS REPORT

TETRA TECH NUS, INC.

DAILY INSTRUMENT	ITS REPORT

Project Name: NAS Brunswick **Project No:** 112G02063 **Location:** IVS **Date:** 6-10-10

☐ Sunday ☐ Monday ☐ Tuesday ☐ Wednesday ☒ Thursday ☐ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Schonstedt	15345	IVS 1-4	UXO	☒	FL	
White's	6156-0320-042	IVS 1-4	UXO	☒	RP	
				☐		
				☐		
				☐		
				☐		
				☐		
				☐		
				☐		
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
Frank Montes	TECH III	6-10-10

TETRA TECH NUS, INC.

DAILY INSTRUMENT	ITS REPORT

Project Name: BNAS **Project No:** 112G02063 **Location:** site 12 **Date:** 6-13-10

☒ Sunday ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Schonstedt	07522			☒	NP	
				☐		
				☐		
				☐		
				☐		
				☐		
				☐		
				☐		
				☐		
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:

TETRA TECH NUS, INC.

DAILY INSTRUMENT	ITS REPORT

Project Name: **Project No:** **Location:** **Date:** 6-14-10

☐ Sunday ☒ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Schonstedt	07522	NSI.4	3	☒	NP	
Schonstedt	14677	NSI.4	3	☒	NP	
				☐		
				☐		
				☐		
				☐		
				☐		
				☐		
				☐		
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
Frank Montes Frank Montes	UXO TECH III TETRATECH/NUS	6-14-10

TETRA TECH NUS, INC.

DAILY INSTRUMENT	ITS REPORT

Project Name: BNAS **Project No:** 112602062 **Location:** NS **Date:** 6-15-10

☐ Sunday ☐ Monday ☒ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Schonstedt	07522	1-4	3	☒	KP	
				☐		
				☐		
				☐		
				☐		
				☐		
				☐		
				☐		
				☐		
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
FRANK MONTES Frank Montes	UXO TECH III	6-15-10

TETRA TECH NUS, INC.

DAILY INSTRUMENT	ITS REPORT

Project Name: BNAS **Project No:** 112G0263 **Location:** **Date:** 6-21-2010

☐ Sunday ☒ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Schonstedt	14678			☒	T.S.	
Schonstedt	15345			☒	T.S.	
Schonstedt	07533			☒	T.S.	
Schonstedt	07527			☒	T.S.	
Schonstedt	14677			☒	T S	
Schonstedt	07522			☒	T S	
				☐		
White	6156030004			☒	T S	
White	6097030003			☒	T S	
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
[signature]	UXO TECH #1 / Tetra tech	6-21-10

TETRA TECH NUS, INC. Morning

DAILY INSTRUMENT	ITS REPORT

Project Name: BNAS **Project No:** 112G02063 **Location:** BNAS **Date:** 6-22-10

☐ Sunday ☐ Monday ☒ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Schonstedt	07533	1, 4	3	☒	SMITH	
"	15345	1, 4	3	☒	SMITH	
"	07527	1, 4	3	☒	SMITH	
"	14678	1, 4	3	☒	SMITH	
"	07522	1, 4	3	☒	SMITH	
"	14677	1, 4	3	☒	SMITH	
White's	6156-0300-042			☐	PIPER	NOT WORKING
White's	6097-0300-036	1,2,3,4	UXO	☒	PIPER	
				☐		
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

6156-0300-042 - THIS WHITES METAL DETECTOR WAS UNRELIABLE THIS AM. IT'S OPERATION WAS SKETCHY, FIRST IT FAILED TO START, THEN IT WASN'T SENSITIVE ENOUGH TO PICK UP ONE OF THE FOUR SEED ITEMS

IV. Supervisor

Name and Signature:	Title/Company:	Date:
FRANK MONTES / Frank Montes	TEAM LEADER TETRA TECH NUS	6-22-10

TETRA TECH NUS, INC. Evening

DAILY INSTRUMENT	ITS REPORT

Project Name: **Project No:** 112602063 **Location:** BNAS **Date:** 6-22-10

☐ Sunday ☐ Monday ☒ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Schonstedt	07533	1,4	3	☒	Smith	
"	15345	1,4	3	☒	"	
"	07527	1,4	3	☒	"	
"	14678	1,4	3	☒	"	
"	07522	1,4	3	☒	"	
"	14677	1,4	3	☒	"	
				☐		
white	6156.030.0042	1234	UXO	☒	Smith	Working OK
white	6097.0300.036	1234	UXO	☒	Smith	OK
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
Frank Montes / Frank Montes	TEAM LEADER TTNUS	6-22-10

TETRA TECH NUS, INC.

AM

DAILY INSTRUMENT	ITS REPORT

Project Name: **Project No:** **Location:** **Date:**

☐ Sunday ☐ Monday ☐ Tuesday ☒ Wednesday ☐ Thursday ☐ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
SCHOENSTADT	14677	1, 4	3	☒	MONTES	Good
	07527	1, 4	3	☒	MONTES	Good
	07522	1, 4	3	☒	MONTES	Good
	07533	1, 4	3	☒	MONTES	Good
	15345	1, 4	3	☒	MONTES	Good
	14678	1, 4	3	☒	MONTES	Good
				☐		
WHITES AMO	6156-0300-042	1,2,3,4	UXO	☒	MONTES	Good
	6097-0300-036	1,2,3,4	UXO	☒	MONTES	Good
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
Mark Montes	UXO TECH III/TEAM LEADER	6-23-10

TETRA TECH NUS, INC.

PM

DAILY INSTRUMENT	ITS REPORT

Project Name: BRUNSWICK NAS **Project No:** 1126 **Location:** **Date:**

☐ Sunday ☐ Monday ☐ Tuesday ☒ Wednesday ☐ Thursday ☐ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
SCHOENSTADT	14677	1, 4	3	☒	F. LONEY	
	07527	1, 4	3	☒	F. LONEY	
	07522	1, 4	3	☒	F. LONEY	
	07533	1, 4	3	☒	F. LONEY	
	15345	1, 4	3	☒	F. LONEY	
	14678	1, 4	3	☒	N. PIPER	
				☐		
WHITES' ALL	6156-0300-042	1, 2, 3, 4	UXO	☒	N. PIPER	
METALS DET.	6097-0300-036	1, 2, 3, 4	UXO	☒	N. PIPER	
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
F. Montes Frank Montes	SUPERVISOR/ TTNUS	6-23-10

m n h

TETRA TECH NUS, INC.

DAILY INSTRUMENT	ITS REPORT

Project Name: BRUNSWICK ME **Project No:** 1126- **Location:** **Date:** 6-24-10

☐ Sunday ☐ Monday ☐ Tuesday ☐ Wednesday ☒ Thursday ☐ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
SCHOENSTADT	14677	1, 4	3	☒	FL	
	07527	1, 4	3	☒	FL	
	09522	1, 4	3	☒	TS	
	07533	1, 4	3	☒	NP	
	15345	1, 4	3	☒	FL	
	14678	1, 4	3	☒	TS	
				☐	~~ACP~~	
	61560300-042	1, 2, 3, 4	11x0	☒	FL	
	6097-0300-036	1, 2, 3, 4	4x0	☒	NP	
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

Will not be using these instruments today.
We will not check them today.

IV. Supervisor

Name and Signature:	Title/Company:	Date:
F. Montes Frank Montes	SUPERVISOR/TTNUS	6-24-10

TETRA TECH NUS, INC.

DAILY INSTRUMENT	PROVE-OUT REPORT

Project Name: BNAS **Project No:** 112G0203 **Location:** Site 12 **Date:** 6-27-10

☒ Sunday ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Schonstedt	14677	1-4	3	☒	[illegible]	
Schonstedt	14678	1-4	3	☒	[illegible]	
Schonstedt	07522	1-4	3	☒	[illegible]	
Schonstedt	07527	1-4	3	☒	[illegible]	
Schonstedt	15345	1-4	3	☒	[illegible]	
Schonstedt	07533	1-4	3	☒	[illegible]	
				☐		
White's	6097-0300-036	1234	UXO	☒	AP	
Whites	6156-0300-042	1234	UXO	☒	AP	
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
FRANK MONTES [signature]	UXO TECH III TETRA TECH/NUS	6-27-10

TETRA TECH NUS, INC.

DAILY INSTRUMENT	PROVE-OUT REPORT 6-27 PVC

Project Name: BNAS **Project No:** 112G02063 **Location:** Site 12 **Date:** 6-27-10

☒ Sunday ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Schonstedt	14677	1-4	3	☒	FL	
Schonstedt	14678	1-4	3	☒	FL	
Schonstedt	07522	1-4	3	☒	FL	
Schonstedt	07527	1-4	3	☒	FL	
Schonstedt	15345	1-4	3	☒	FL	
Schonstedt	07533	1-4	3	☒	MS	
				☐		
White's	6097308-[redacted]036 1234		UXO	☒	TS	
White's	6156-0300-042 1234		UXO	☒	TP	
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
FRANK MONTES Frank Montes	UXOTECH III TETRA TECH/NUS	6-27-10

TETRA TECH NUS, INC.

DAILY INSTRUMENT	PROVE-OUT REPORT

AM

Project Name: BNAS **Project No:** 112G02063 **Location:** IVS **Date:** 6-28-10

☐ Sunday ☒ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Schonstedt	07533	1.4	3	☒	NP	
"	15345	1.4	3	☒	NP	
"	07527	1.4	3	☒	NP	
"	14678	1.4	3	☒	NP	
"	07522	1.4	3	☒	NP	
"	16677	1.4	3	☒	NP	
				☐		
Whites	6156-0300-0042	1234	UXO	☒	NP	
Whites	6097-0300-0261	1234	UXO	☒	NP	
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
Frank Montes Frank Montes	UXO Tech III TETRATECH/NUS	6-28-10

TETRA TECH NUS, INC.

DAILY INSTRUMENT	PROVE-OUT REPORT PM

Project Name: BNAS **Project No:** 12601063 **Location:** NS **Date:** 6-28-10

☐ Sunday ☒ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Schonstedt	07537	1-4	3	☒	NP	
"	15345	1-4	3	☒	NP	
"	07527	1-4	3	☒	NP	
"	14678	1-4	3	☒	NP	
"	07522	1-4	3	☒	NP	
"	14677	1-4	3	☒	NP	
				☐		
Whites	6156-0300-0842	1234	UXO	☒	NP	
Whites	6097-0300-0836	1234	UXO	☒	NP	
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
Frank Montes	UXO TECH III TETRA TECH NUS	6-28-10

AM

TETRA TECH NUS, INC.

DAILY INSTRUMENT	PROVE-OUT REPORT Site 12

Project Name: BNAS **Project No:** 112G02063 **Location:** IVS **Date:** 6-29-10

☐ Sunday ☐ Monday ☒ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Schonstedt	14677	2,3	3	☒	NP	
"	07527	2,3	3	☒	NP	
"	15345	2,3	3	☒	NP	
"	07522	2,3	3	☒	NP	
"	14678	2,3	3	☒	NP	
"	07533	2,3	3	☒	NP	
				☐		
White's	6097-0300-02	2,3,4		☒	NP	
White's	6156,-0300-00	2,3,4		☒	NP	
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
FRANK MONTES [signature]	UXO TECH III TETRA TECH NUS	6-29-10

PM

TETRA TECH NUS, INC.

DAILY INSTRUMENT	PROVE-OUT REPORT

Project Name: BAAS **Project No:** 112G02063 **Location:** Site 12 IUS **Date:** 6-29-10

☐ Sunday ☐ Monday ☒ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Schonstedt	14677	2, 3	3	☒	FJM	
"	07527	2, 3	3	☒	FJM	
"	15345	2, 3	3	☒	FJM	
"	07522	2, 3	3	☒	FJM	
"	14678	2, 3	3	☒	FJM	
"	07533	2, 3	3	☒	FJM	
				☐		
Whites	6097-0300-036	1,2,3,4	MXO	☒	FJM	
Whites	6156-0300-042	1,2,3,4	MXO	☒	FJM	
[redacted]				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
Frank Montes Frank Montes	UXOTECH III TETRA TECH/NUS	6-29-10

AM

TETRA TECH NUS, INC.

DAILY INSTRUMENT	PROVE-OUT REPORT

Project Name: BNAS **Project No:** 112G02GB **Location:** WS Site 12 **Date:** 6-30-10

☐ Sunday ☐ Monday ☐ Tuesday ☒ Wednesday ☐ Thursday ☐ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Schonstedt	14677	2, 3	3	☒	T.S.	
"	07527	2, 3	3	☒	F.L.	
"	15345	2, 3	3	☒	FM	
"	07522	2, 3	3	☒	T Smith	
"	14678	2, 3	3	☒	F.L.	
"	07533	2, 3	3	☒	T.S.	
				☐		
whites	6097-0300-036	2, 3, 4	UXO	☒	MS	
whites	6156-0300-042	2, 3, 4	UXO	☒	MS	
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
Frank Montes Frank Montes	UXO TECH III TETRA TEC/NUS	6-30-10

PM

TETRA TECH NUS, INC.

DAILY INSTRUMENT	PROVE-OUT REPORT

Project Name: BNAS **Project No:** 112G02063 **Location:** IVS Site 12 **Date:** 6-30-10

☐ Sunday ☐ Monday ☐ Tuesday ☒ Wednesday ☐ Thursday ☐ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Schonstedt	14677	2,3	3	☒	TS.	
"	07527	2,3	3	☒	F.L	
"	15345	2,3	3	☒	FL	
"	07522	2,3	3	☒	TS	
"	14678	2,3	3	☒	FL	
"	07533	2,3	3	☒	FL	
				☐		
Whites	6097-0300-036	2,34	UXO	☒	TS.	
Whites	6156-0300-042	2,3,4	UXO	☒	T.S	
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
Frank Montes Frank Montes	UXOTECH III TETRA TECH NUS	6-30-10

AM/PM

TETRA TECH NUS, INC.

DAILY INSTRUMENT	PROVE-OUT REPORT

Project Name: BNAS **Project No:** 112G02063 **Location:** site 12 /VS **Date:** 7-0

☐ Sunday ☐ Monday ☒ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Schonstedt	15345	2, 3	3	☒	FL	
"	14678	2, 3	3	☒	TS	
"	07527	2, 3	3	☒	FL	
"	7533	2, 3	3	☒	FL	
"	07522	2, 3	3	☒	TS	
"	14677	2, 3	3	☒	TS	
				☐		
Whites	6097-0300-036	1, 2, 3, 4	UXO	☒	FM	
Whites	6156.0300-042	1, 2, 3, 4	UXO	☒	FM	
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
Frank Montes Frank Montes	UXO TECH III TETRA TECH/NUS	

AM

TETRA TECH NUS, INC.

DAILY INSTRUMENT	ITS REPORT

Project Name: BNAS **Project No:** 112G02063 **Location:** Site 12 NS **Date:** 7-7-10

☐ Sunday ☐ Monday ☐ Tuesday ☒ Wednesday ☐ Thursday ☐ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Schonstedt	07533	2,3		☒	F.L.	
"	14678	2,3		☒	F.L.	
"	07533	2,3		☒	F.L.	
"	15345	2,3		☒	F.L.	
"	14677	2,3		☒	T.S	
"	07522	2,3		☒	F.L.	
				☐		
White's	6097-0300-036	1,2,3,4		☒	F.M	
White's	6156-0300-042	1,2,3,4		☒	F.M.	
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
Frank Montes Frank Montes	UXO TECH III TETRA TECH/NUS	7-7-10

PM

TETRA TECH NUS, INC.

DAILY INSTRUMENT	ITS REPORT

Project Name: BNAS **Project No:** 112G02063 **Location:** Site 12 IVS **Date:** 7-3

☐ Sunday ☐ Monday ☐ Tuesday ☒ Wednesday ☐ Thursday ☐ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Schonstedt	07533			☒	F.L.	
"	14678			☒	F.L.	
"	07537			☒	T.S	
"	15345			☒	T.S.	
"	14677			☒	J.C.	
"	07522			~~☒~~ NO	J.C.	changed batteries Still not oper. correctly
				☐		
Whites	6097-0300-036			☒	F.L.	
Whites	6156-0300-042			☒	F.M.	
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
FRANK MONTES Frank Montes	UXO TECH III TETRA TECH/NUS	7-3-10

AM
KP

TETRA TECH NUS, INC.

DAILY INSTRUMENT	ITS REPORT

Project Name: BNAS **Project No:** 112G02063 **Location:** Site 12 IVS **Date:** 7-8-10

☐ Sunday ☐ Monday ☐ Tuesday ☐ Wednesday ☒ Thursday ☐ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Schonstedts	07533	2,3	3	☒	JC	
"	14678	2,3	3	☒	F.L.	
"	07537	2,3	3	☒	F.L.	
"	15345	2,3	3	☒	T.S	
"	14677	2,3	3	☒	T.S.	
				☐		
				☐		
White's	6097-0320-036	1,2,3,4	UXO	☒	M.S	
White's	6156-0300-042	1,2,3,4	UXO	☒	F.M.	
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
GLEN CHILDERS	SAFETY/QC TTNUS	7/8/10

PM

TETRA TECH NUS, INC.

DAILY INSTRUMENT	ITS REPORT

Project Name: BNAS **Project No:** 112G02063 **Location:** Site 12 NS **Date:** 7-8-10

☐ Sunday ☐ Monday ☐ Tuesday ☐ Wednesday ☒ Thursday ☐ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Schonstedts	07533	2,3	3	☐	FL	
"	14678	2,3	3	☐	TS	
"	07537	2,3	3	☐	FM	
"	15345	2,3	3	☐	TS	
"	14677	2,3	3	☐	FL	
				☐		
				☐		
White's	6097-0300-036	1,2,3,4	UXO	☐	MS	
White's	6156-0300-042	1,2,3,4	UXO	☐	MS	
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
GLEN CHILDERS	SAFETY/QC TTNUS	7/8/10

AM

TETRA TECH NUS, INC.

DAILY INSTRUMENT	ITS REPORT

Project Name: BNAS 112G02063 **Project No:** 112G02063 **Location:** Site 12 (VS **Date:** 7-9-10

☐ Sunday ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☒ Friday ~~☒~~

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Schonstedt	07533	2,3	3	☒	F.L.	
"	14678	2,3	3	☒	F.L.	
"	07537	2,3	3	☒	T.S.	
"	15345	2,3	3	☒	T.S	
"	14677	2,3	3	☒	T.S.	
"	~~[illegible]~~		~~[illegible]~~	☐		
				☐		
White's	6097-8300-036	1,2,3,4	UXO	☒	F.M.	
White's	6156-0300-042	1,2,3,4	UXO	☒	J.C	
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
GLEN CHILDERS [signature]	SAFETY/QC TTNUS	7/9/10

PM

TETRA TECH NUS, INC.

DAILY INSTRUMENT	ITS REPORT

Project Name: BNAS **Project No:** 112G02063 **Location:** Site 12 IV3 **Date:** 7-9-10

☐ Sunday ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☒ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Schonstedt	307533	2,3	3	☒	FL	
"	14678	2,3	3	☒	TS.	
"	07537	2,3	3	☒	JC	
"	15345	2,3	3	☒	FM.	
"	M677	2,3	3	☒	F.M.	
				☐		
				☐		
White's	6097-0300-036	1,2,3,4	UXO	☒	JC	
White's	6136-0300-042	1,2,3,4	UXO	☒	JC	
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
GLEN CHILDERS	SAFETY/QC TTNUS	7/9/10

AM

TETRA TECH NUS, INC.

DAILY INSTRUMENT	ITS REPORT

Project Name: BNAS **Project No:** 112G02063 **Location:** Site 12 IVS **Date:** 7-10-10

☐ Sunday ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☒

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Schonstedt	07533	2,3	3	☒	J.C	
	14678	2,3	3	☒	NP	
	07537	2,3	3	☒	NP	
	15345	2,3	3	☒	NP	
	14677	2,3	3	☒	NP	
	~~[illegible]~~		-	☐		
				☐		
White's	6097-0300-036	1,2,3,4	UXO	☒	NP	
White's	6156-0300-042	1,2,3,4	UXO	☒	J.C.	
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
GREG CHILDERS	SAFETY/QC TTNUS	7/10/10

PM

TETRA TECH NUS, INC.

DAILY INSTRUMENT	ITS REPORT

Project Name: BNAS **Project No:** 112G02063 **Location:** site 12 IVS **Date:** 7-10-10

☐ Sunday ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☒

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Schonstedt	07533	2,3	3	☒	NP	
"	14678	2,3	3	☒	NP	
"	07537	2,3	3	☒	MS.	
"	15345	2,3	3	☒	FL	
"	14677	2,3	3	☒	F.L	
				☐		
White's	6097-2303-036	1,2,3,4	UXO	☒	MS	
White's	6156-0300-042	1,2,3,4	UXO	☒	MS	
				☐		
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
GREG CHILDERS	SAFETY/QC TTNUS	7/10/10

AM

TETRA TECH NUS, INC.

DAILY INSTRUMENT	ITS REPORT

Project Name: BNAS **Project No:** 112602067 **Location:** Site 12 IVS **Date:** 7-11-10

[X] Sunday [ ] Monday [ ] Tuesday [ ] Wednesday [ ] Thursday [ ] Friday [ ]

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Schonstedt	14677	2,3	3	[X]	F.L.	
"	07527	2,3	3	[X]	F.L.	
"	07533	Ø	3	NO	F.L/N.P	Not Working Properly
"	15345	2,3	3	[X]	J.C.	
"	14678	2,3	3	[X]	F.M	
				[ ]		
White's	6156-0300-042	1,2,3,4	UXO	[X]	FM	
"	6097-0300-036	1,2,3,4	UXO	[X]	FM	
				[ ]		
				[ ]		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

* All batteries changed 7-6-10

IV. Supervisor

Name and Signature:	Title/Company:	Date:
GLEN CHILDERS	SAFETY / QC TTNUS	7/11/10

TETRA TECH NUS, INC.

PM

DAILY INSTRUMENT	ITS REPORT

Project Name: BNAS **Project No:** 112G02063 **Location:** Site 12 IVS **Date:** 7-11-10

☒ Sunday ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Shonstedt	~~[illegible]~~	~~[illegible]~~		☐		
"	14678	2,3		☒		
"	07537	2,3		☒		
"	15345	2,3		☒		
"	14677	2,3		☒		
				☐		
White's	6097-0300-036	2,3,4		☒		Little tachy w/ rain
White's	6156-0300-042	2,3,4		☒		"
				☐		
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
GLEN CHILDERS	SAFETY/QC TTNUS	7/11/10

AM

TETRA TECH NUS, INC.

DAILY INSTRUMENT	ITS REPORT

Project Name: BMAS **Project No:** 112G02063 **Location:** Site 12 NS **Date:** 7-12-0

☐ Sunday ☒ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Schonstedts	14670	2,3	3	☒	F.L	
"	07537	2,3	3	☒	F.M.	
"	15345	2,3	3	☒	T.S	
"	14677	2,3	3	☒	J.C.	
				☐		
Whites	6097-0300-038	1,2,3,4	UXO	☐	M.S.	
Whites	6156-0300-042	1,2,3,4	UXO	☐	M.S.	
				☐		
				☐		
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
GLEN CHILDERS	SAFETY/QC TTNUS	7/12/10

PM

TETRA TECH NUS, INC.

DAILY INSTRUMENT	ITS REPORT

Project Name: 112602063 **Project No:** BNAS **Location:** Site 12 IVS **Date:** 07-12-10

☐ Sunday ☒ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Schonstedt	14678		3	☒		
"	07587		3	☒		
"	15345	2,3	3	☒		
"	14677	2,3	8	☒		
	07533	2,3	8	☒		Dried out. working well.
				☐		
Whites	6097-0300-034	1,2,3,4	UXO	☒		
Whites	6156-0300-042	1,2,3,4	UXO	☒		
				☐		
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
GLEN CHILDERS	SAFETY/QC TTNUS	7/12/10

AM

TETRA TECH NUS, INC.

DAILY INSTRUMENT	ITS REPORT

Project Name: BNAS **Project No:** 112G02063 **Location:** site 12 IVS **Date:** 07-13-10

☐ Sunday ☒ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Schonstedt	14678	2,3	3	☒	MS	
"	07527	2,3	3	☒	F.L.	
"	15345	2,3	3	☒	F.L.	
"	14677	2,3	3	☒	T.S.	
"	07533	2,3	3	☒	F.M.	
				☐		
Whites ~~[illegible]~~	6097-0300-036	1,2,3,4	UXO	☒	J.C.	
Whites	6156-0300-046	1,2,3,4	UXO	☒	F.L.	
				☐		
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
GLEN CHILDERS	SAFETY/QC TTNUS	7/13/10

PM

TETRA TECH NUS, INC.

DAILY INSTRUMENT	ITS REPORT

Project Name: BNAS **Project No:** 112602063 **Location:** site 12 IVS **Date:** 07-13-10

☐ Sunday ☒ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
schonstedt	14678	2, 3	3	☒	F.L.	
"	07527	2, 3	3	☒	T.S.	
"	15345	2, 3	3	☒	F.L.	
"	14677	2, 3	3	☒	J.C.	
"	07533	2,3	3	☒	J.C.	
white's	6097-0300-036	1,2,3,4	VXO	☒	T.S.	
white's	6156-0300-042	1,2,3,4	VXO	☒	F.L.	
				☐		
				☐		
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
GLEN CHILDERS	SAFETY/QC TTNUS	7/13/10

AM

TETRA TECH NUS, INC.

DAILY INSTRUMENT	ITS REPORT

Project Name: BNAS **Project No:** 112G02063 **Location:** Site 12 NS **Date:** 7-14-10

☐ Sunday ☐ Monday ☐ Tuesday ☒ Wednesday ☐ Thursday ☐ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Schonstedt	14678	2,3	3	☒		
"	07527	2,3	3	☒		
"	15345	2,3	3	☒		
"	14677	2,3	3	☒		
"	07533	2,3	3	☒		
				☐		
White's	6097-0300-036	1,2,3,4	UXO	☒		
White's	6156-0300-042	1,2,3,4	UXO	☒		
				☐		
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
GLEN CHILDERS	SAFETY/QC TTNUS	7/14/10

PM

TETRA TECH NUS, INC.

DAILY INSTRUMENT	ITS REPORT

Project Name: BNAS **Project No:** 112G02063 **Location:** Site 12 IVS **Date:** 7-14-10

☐ Sunday ☐ Monday ☐ Tuesday ☒ Wednesday ☐ Thursday ☐ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Schonstedt	14678		3	☒	T.S	
"	07527		3	☒	F.L	
"	15345		3	☒	J.C	
"	14677		3	☒	T.S	
"	07533		3	☒		
White's	6097-0380-096		VXO	☒	F.L	
White's	6156-0300-042		VXO	☒	F.L	
				☐		
				☐		
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
Frank Montes Frank Montes	UXO TECH III TETRA TECH NUS	7-14-10

AM

TETRA TECH NUS, INC.

DAILY INSTRUMENT	ITS REPORT

Project Name: BNAS **Project No:** 1126-02063 **Location:** Site 12 IVS **Date:** 7-19-10

☐ Sunday ☒ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Schonstedt	14678		3	☒	F.L.	
"	07527		3	☒	F.L.	
"	15345		3	☒	F.L.	
"	14677		3	☒	T.S.	
"	07533		3	☒	F.L.	
				☐		
White's	6097-0300-036		UXO	☒	F.M.	
White's	6156-0300-042		UXO	☒	F.M.	
				☐		
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
GLEN CHILDERS	SAFETY/QC TTNUS	7/19/10

PM

TETRA TECH NUS, INC.

DAILY INSTRUMENT	ITS REPORT

Project Name: BNAS **Project No:** 112602063 **Location:** Site 12 IVS **Date:** 7-19-10

☐ Sunday ☑ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Schonstedt	14678		3	☒	F.L.	
"	07527		3	☒	T.S.	
"	15345		3	☒	J.C	
"	14677		3	☒	F.L.	
"	07533		3	☒	T.S.	
				☐		
White's	6097-0300-036		UXO	☒	J.C.	
White's	6056-0300-042		UXO	☒	J.C.	
				☐		
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
GLEN CHILDERS	SAFETY/QC TTNUS	7/19/10

AM

TETRA TECH NUS, INC.

DAILY INSTRUMENT	ITS REPORT

Project Name: BNAS **Project No:** 112G-02063 **Location:** Site 12 IUS **Date:** 7-20-10

☐ Sunday ☐ Monday ☒ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
				☐		
Schonstedt	14678		3	☐ No	T.S.	Not working properly
"	07577		3	☒	F.L	
"	15345		3	☒	T.S	
"	14677		3	☒	J.C	
"	09533		3	☒	J.C	
White's	6097-0300-836		UXO	☒	F.M.	
White's	6156-0200-642		UXO	☒	F.M.	
				☐		
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
GLEN CHILDERS	SAFETY/QC TTNUS	7/20/10

PM

TETRA TECH NUS, INC.

DAILY INSTRUMENT	ITS REPORT

Project Name: BNAS **Project No:** 112G03063 **Location:** site 12 IVS **Date:** 7-20-10

☐ Sunday ☐ Monday ☑ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Schonstedt	14678			☐		shelved
"	07527		3	☒	T.S	
"	15345		3	☒	F.M	
"	14677		3	☒	F.L	
"	07533		3	☒	J.C.	
				☐		
White's	6097-0300-036		UXO	☒	NP	
White's	6156-0300-042		UXO	☒	NP	
				☐		
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
GLEN CHILDERS	SAFETY/QC TTNUS	7/20/10

AM

TETRA TECH NUS, INC.

DAILY INSTRUMENT	PROVE-OUT REPORT

Project Name: BNAS **Project No:** 0126-02063 **Location:** Site 12 IVS **Date:** 7-21-10

☐ Sunday ☐ Monday ☐ Tuesday ☒ Wednesday ☐ Thursday ☐ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Schonstedt	07527		3	☒	F.L.	
"	15345		3	☒	T.S.	
"	14677		3	☒	T.S.	
"	07533		3	☒	T.S.	
				☐		
White's	6097-0300-036		UXO	☒	F.M.	
White's	6156-0300-042		UXO	☒	F.M.	
				☐		
				☐		
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
GLEN CHANDERS	SAFETY/QC TTNUS	7/21/10

PM

TETRA TECH NUS, INC.

DAILY INSTRUMENT	PROVE OUT REPORT

Project Name: BNAS **Project No:** 112602063 **Location:** Site 12 IVS **Date:** 7-21-10

☐ Sunday ☐ Monday ☐ Tuesday ☒ Wednesday ☐ Thursday ☐ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Shonstedt	07527		3	☒	F.L.	
"	15345		3	☒	T.S	
"	14677		3	☒	F.L.	
"	07533		3	☒	T.S.	
				☐		
White's	6097-0300-036		UXO	☒	N.P.	
White's	6156-0300-042		UXO	☒	N.P	
				☐		
				☐		
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
GLEN CHILDERS	SAFETY/QC TTNUS	7/21/10

AM

TETRA TECH NUS, INC.

DAILY INSTRUMENT	PROVE-OUT REPORT

Project Name: BNAS **Project No:** 112G02063 **Location:** Site 12 IVS **Date:** 7-22-10

☐ Sunday ☐ Monday ☐ Tuesday ☐ Wednesday ☒ Thursday ☐ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Schonstedt	07527		3	☒	F.L	
"	15345		3	☒	F.L	
"	14677		3	☒	T.S	
"	07533		3	☒	T.S	
				☐		
White's	6097-0300-036		UXO	☒	F.M.	
White's	6156-0300-042		UXO	☒	F.M.	
				☐		
				☐		
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
GLEN CHILDERS	SAFETY/QC TTNUS	7/22/10

PM

TETRA TECH NUS, INC.

DAILY INSTRUMENT	PROVE-OUT REPORT

Project Name: BNAS **Project No:** 112G02063 **Location:** Site 12 IVS **Date:** 7-22-10

☐ Sunday ☐ Monday ☐ Tuesday ☐ Wednesday ☒ Thursday ☐ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Schonstedt	07527			☐	T.S	
"	15345			☐	T.S	
"	14677			☐	T.S	
"	07533			☐	NP	
				☐		
white's	6097-0300-036			☐	NP	
white's	6156-0300-042			☐	NP	
				☐		
				☐		
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
GLEN CHILDERS [signature]	SAFETY/QC TTNUS	7/22/10

AM

TETRA TECH NUS, INC.

DAILY INSTRUMENT	PROVE-OUT REPORT

Project Name: BNAS **Project No:** 1126-02060 **Location:** Site 12 IUS **Date:** 7-23-10

☐ Sunday ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☒ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Schonstedt	07533		3	☒	TS	
"	15345		3	☒	TS	
"	07527		3	☒	TS	
"	14677		3	☒	TS	
				☐		
				☐		
6156-0300-0427	Whites		UXO	☒	TS	
	6097-0300-036		UXO	☒	TS	
				☐		
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
Frank Montes	UXOTECH TT TTNUS	7-23-10

PM

TETRA TECH NUS, INC.

DAILY INSTRUMENT	PROVE-OUT REPORT

Project Name: BNAS **Project No:** 112G02063 **Location:** NS Site 12 **Date:** 7-23-10

☐ Sunday ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☒ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Schonstedt	07533		3	☒	TS	
"	15345		3	☒	TS	
"	07527		3	☒	MS	
"	14677		3	☐	MS	
				☒	TS	
				☐		
White's	615-0300-042		UXO	☐	FL	
White's	6[illegible]2-0300-03[illegible]		UXO	☐	FC	
				☐		
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
Frank Montes	UXO TECH III TTNUS	7-23-10

AM

TETRA TECH NUS, INC.

DAILY INSTRUMENT	PROVE-OUT REPORT

Project Name: BNAS **Project No:** 112G02063 **Location:** Site 12 IVS **Date:** 7-24-10

☐ Sunday ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☒

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Schonstedt	07533	2,3	3	☒	T.S	
"	15345	2,3	3	☒	NP	
"	07527	2,3	3	☒	T.S	
"	14677	2,3	3	☒	T.S	
"	14678	2,3	3	☒	T.S.	
White's	6156-0300-042	1,2,3,4	UXO	☒	NP	
White's	6097-0300-036	1,2,34	UXO	☒	NP	
				☐		
				☐		
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
[signature]	UXOTECH III TTNUS	7-24-10

PM

TETRA TECH NUS, INC.

DAILY INSTRUMENT	PROVE-OUT REPORT

Project Name: BNAS **Project No:** 1126-02063 **Location:** site 12 IVS **Date:** 7-24-10

☐ Sunday ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☒

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Schonstedt	07533		3	☒	TS	
"	15345		3	☒	NP	
"	07527		3	☒	JC	
"	14677		3	☒	NP	
"	14678			☒	TS	
White's	6156-0300-042		UXO	☒	EL	
White's	6097-0300-036		UXO	☒	EL	
				☐		
				☐		
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
[signature]	UXO TECH III TTNUS	7-24-10

Am

TETRA TECH NUS, INC.

DAILY INSTRUMENT	PROVE-OUT REPORT

Project Name: BNAS **Project No:** 112G02063 **Location:** Site 12 US **Date:** 7-25-10

☒ Sunday ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Schonstedt	07523		3	☒	T.S	
"	15345		3	☒	T.S	
"	07527		3	☒	F.L	
"	14677		3	☒	T.S	
"	14678		3	☒	F.L	
Whites	6156-03000042		VXO	☒	F.L.	
Whites	6097-0300-036		VXO	☒	T.S	
				☐		
				☐		
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
GLEN CHILDERS	SAFETY/QC TTNUS	7/25/10

PM

TETRA TECH NUS, INC.

DAILY INSTRUMENT	PROVE-OUT REPORT

Project Name: BNAS **Project No:** 112602063 **Location:** Site 12 105 **Date:** 7-25-10

☒ Sunday ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Schonstedt	07533		3	☒	F.L.	
"	15345		3	☒	T.S.	
"	07527		3	☒	F.L.	
"	14677		3	☒	T.S.	
"	14678		3	☒	F.L.	
White's	6156-0300-042		UXO	☒	F.L.	
White's	6517-0300-036		UXO	☒	T.S.	
				☐		
				☐		
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
GREG WILLIAMS	SAFETY/GL TTNUS	7/25/10

AM

TETRA TECH NUS, INC.

DAILY INSTRUMENT	PROVE-OUT REPORT

Project Name: BNAS **Project No:** 1126-02063 **Location:** Site 12 IVS **Date:** 7-26-10

☐ Sunday ☑ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Schonstedt	07533	2,3	3	☒	F.L.	
"	15345	2,3	3	☒	F.L.	
"	07527	2,3	3	☒	F.L.	
"	14677	2,3	3	☒	MP	
				☐		
				☐		
white's	6156-0300042	1,2,3,4	UXO	☒	F.M	
white's	6097-0300036	1,2,3,4	UXO	☒	F.M	
				☐		
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
GLEN CHILDERS	SAFETY/QC TTNUS	7/26/10

PM

TETRA TECH NUS, INC.

DAILY INSTRUMENT PROVE-OUT REPORT

Project Name: BNAS 12G02063 **Project No:** ← **Location:** Site 12 IVS **Date:** 7-26-10

☐ Sunday ☒ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
	07533	2,3	3	☒	F.L	
	15345	2,3	3	☒	F.L	
	07527	2,3	3	☒	F.L	
	14677	2,3	3	☒	F.L	
				☐		
	6156-0300-042	1,2,3,4	UXO	☒	F.M	
	6097-0300-036	1,2,3,4	UXO	☒	F.M	
				☐		
				☐		
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
GLEN CHILDERS	SAFETY/QC TTNUS	7/26/10

AM.

TETRA TECH NUS, INC.

DAILY INSTRUMENT	PROVE-OUT REPORT

Project Name: BNAS **Project No:** N2602063 **Location:** Site 12 WS **Date:** 7-27-10

☐ Sunday ☐ Monday ☒ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Schonstedt	07533	2,3	3	☒	NP	
"	15345	2,3	3	☒	NP	
"	07527	2,3	3	☒	NP	
"	14677	2,3	3	☒	NP	
				☐		
Whites	6156-0300-042	1,2,3,4	UXO	☒	NP	
Whites	6097-0300-036	1,2,3,4	UXO	☒	NP	
				☐		
				☐		
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
GLEN CHILDERS	SAFETY/QC TTNUS	7/27/10

TETRA TECH NUS, INC.

DAILY INSTRUMENT	PROVE-OUT REPORT P.M.

Project Name: BNAS **Project No:** 112G02063 **Location:** Site 12 IVS **Date:** 7-27-10

☐ Sunday ☐ Monday ☒ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
C7533	Schonstedt	2,3	3	☒	NP	
15345	"	2,3	3	☒	T.S	
07527	"	2,3	3	☒	T.S	
M677	"	2,3	3	☒	NP	
.				☐	T.S	
6156-0300-042	White's	1,2,3,4	UXO	☒	NP	
6097-0300-036	White's	1,2,3,4	UXO	☒	NP	
				☐		
				☐		
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
GLEN CHILDERS	SAFETY/QC TTNUS	7/27/10

AM

TETRA TECH NUS, INC.

DAILY INSTRUMENT	PROVE-OUT REPORT

Project Name: BNAS **Project No:** 112G02063 **Location:** Site 12 JVS **Date:** 7-28-10

☐ Sunday ☐ Monday ☐ Tuesday ☒ Wednesday ☐ Thursday ☐ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Schonstedt	07533	2,3	3	☒	T.S	
"	15345	2,3	3	☒	F.L	
"	07527	2,3	3	☒	T.S	
"	14677	2,3	3	☒	T.S	
				☐		
White's	6156-0300-042	1,2,3,4	UXO	☒	NP.	
White's	6097-0300-036	1,2,3,4	UXO	☒	NP	
				☐		
				☐		
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
GLEN CHILDERS	SAFETY/QC TTNUS	7/28/10

AM

TETRA TECH NUS, INC.

DAILY INSTRUMENT	PROVE-OUT REPORT

Project Name: BNAS **Project No:** 1126-02063 **Location:** Site 12 NS **Date:** 8-2-10

☐ Sunday ☒ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Schonstedt	07533	2,3	3	☒	T.S.	
"	15345	2,3	3	☒	F.L.	
"	07527	2,3	3	☒	J.C	
"	14677	2,3	3	☒	F.L	
				☐		
Whites	6156-0300-042	1,2,3,4	6X0	☒	F.L	
Whites	6097-0300-036	1,2,3,4	6X0	☒	T.S	
				☐		
				☐		
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
GLEN CHILDERS	SAFETY/QC TTNUS	8/2/10

PM

TETRA TECH NUS, INC.

DAILY INSTRUMENT	PROVE-OUT REPORT

Project Name: BNAS **Project No:** 112602063 **Location:** Site 12 IVS **Date:** 8-2-10

☐ Sunday ☒ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Schonstedt	07533	2,3	3	☒	F.L.	
"	15345	2,3	3	☒	J.C	
"	07527	2,3	3	☒	T.S	
"	14679	2,3	3	☒	F.L	
				☐		
Whites	6156-0300-042	1,2,3,4	4X0	☒	J.C.	
Whites	6097-0300-036	1,2,3,4	4X0	☒	J.C.	
				☐		
				☐		
				☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
GLEN CHILDERS	SAFETY/QC TTNUS	8/2/10

AM / PM

TETRA TECH NUS, INC.

DAILY INSTRUMENT	PROVE-OUT REPORT

Project Name: BNAS **Project No:** 112G02063 **Location:** Site 12 VS **Date:** 8-2-10

☐ Sunday ☐ Monday ☒ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐

I. Test Plot Information

Location:

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Setting On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation AM	PM	Personnel Testing Equipment AM	PM	Comments
Schonstedt	07533		3	☒	X	TS	JC	
"	15345		3	☒	X	JC	TS	
"	07527		3	☒	X	FL	TS	
"	14677		3	☒	X	TS	TS	
				☐				
Whites	61560300-042		VXO	☒	X	JC	JC	
[redacted]	[redacted]			☐				
[redacted]	[redacted]			☐				
Whites	697-0300-036		VXO	☒	X	JC	JC	
				☐				

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
GLEN CHILDERS [signature]	SAFETY/QC TTNUS	8/2/10

AM

TETRA TECH NUS, INC.

DAILY INSTRUMENT	IVS REPORT

Project Name: BNAS **Project No:** 112G02063 **Location:** site 12 IVS **Date:** 8-4-10

I. Test Plot Information

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				
6				
7				
8				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Settings On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Schonstedt	07533	2,3	3	☒	M.S.	
"	15345	2,3	3	☒	J.C.	
"	07527	2,3	3	☒	J.C	
"	14677	2,3	3	☒	J.C.	
White's	6156-0300-042	1,2,3,4	uxo	☒	M.S.	
White's	6097-0300-036	1,2,3,4	uxo	☒	MS	

III. Problems Encountered / Corrective Actions Taken / Additional Comments.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
GLEN CHILDERS	SAFETY/QC TTNUS	8/4/10

PM

TETRA TECH NUS, INC.

DAILY INSTRUMENT	IVS REPORT

Project Name: BNAS **Project No:** 117G02063 **Location:** site 12 IVS **Date:** 8-4-10

I. Test Plot Information

Item Number	Inert Item/Surrogate Description	Depth (inches)	Azimuth/ Inclination Angle(Degrees)	Comments
1				
2				
3				
4				
5				
6				
7				
8				

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Settings On Instrument Tested (As Per WP)	Test Results, ☒ indicates good for operation	Personnel Testing Equipment	Comments
Schonstedt	07533	2,3	3	☒	F.L.	
"	15345	2,3	3	☒	T.S	
"	07527	2,3	3	☒	T.S	
"	14677	2,3	3	☒	F.L	
white's	6156-0300-042	1,2,3,4	UXO	☒	NP	
white's	6097-0300-036	1,2,3,4	UXO	☒		shipped out

III. Problems Encountered / Corrective Actions Taken / Additional Comments.

explain in space below:

IV. Supervisor

Name and Signature:	Title/Company:	Date:
GLEN CHILDERS [signature]	SAFETY/QC TTNUS	8/4/10

TETRA TECH
MRP FF.7
DAILY IVS REPORT

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

Project No: 112G 00645 | **Date:** 10/22/2011

I. Test Plot Information

Location: (See IVS Installation Checklist)

Item No.	Inert Item/Surrogate Description	Depth (inches)	Comments
1	Small ISO 1" by 4" Pipe	6	
2	Medium ISO 2" by 8" Pipe	13	
3	Large ISO 4" by 12" Pipe	20	
4			
5			
6			
7			

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Test Results - Initials of personnel Testing Equipment ☒ indicates good for operation				Comments (pass/fail) Explain below
			AM	AM	PM	PM	
Schonstedt	224817	1,2,and 3	☐	NB	☐		pass
Schonstedt	262458	1,2,and 3	☐	NB	☐		pass
Schonstedt	263216	1,2,and 3	☐	NB	☐		pass
Schonstedt	277046	1,2,and 3	☐	NB	☐		pass
Schonstedt	277049	1,2,and 3	☐	NB	☐		pass
WHITES		1, 2, 3	☐	NB	☐		pass
			☐		☐		/
			☐		☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature: Pete Dummitt	Title/Company:	Date:

TETRA TECH
MRP FF.6
INSTRUMENT VERIFICATION STRIP (IVS)
INSTALLATION CHECKLIST

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

Project No: 112G00645	Date 10/23/2011

I. Test Plot Information

Location: Site 12

Have survey objectives been determined, clarified, and documented?	(Y)	N	NA
Will the IVS be available during the project for the evaluation of suspected instrument malfunctions or evaluation of new equipment and operators?	(Y)	N	NA
Has surface clearance been performed?	(Y)	N	NA
Has background geophysical survey been performed before burial?	Y	(N)	NA
Measure depth to top and center of mass of each object?	(Y)	N	NA

Item No.	Inert Item/Surrogate Description	Depth (inche	Azimuth/ Inclination Angle(Degrees)	GPSed (Y/N)	Comments
1	Small ISO 1" by 4" Pipe	6	N to S, 0 degree	Y	
2	Medium ISO 2" by 8" Pipe	13	N to S, 0 degree	Y	
3	Large ISO 4" by 12" Pipe	20	E to W 0 degree	Y	
4					
5					
6					
7					

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Test Results - Personnel Testing Equipment ☒ indicates good for operation				Comments (pass/fail) Explain below
			AM	AM	PM	PM	
GA52cx	224817	1,2 and 3	☐		☐		
GA52cx	262458	1,2 and 3	☐		☐		
GA52cx	263216	1,2 and 3	☐		☐		
GA52cx	277046	1,2 and 3	☐		☐		
GA52cx	277049	1,2 and 3	☐		☐		
White		1,2 and 3	☐		☐		
			☐		☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature: Pete Dummitt	Title/Company: UXOSO / QC	Date: 10/23/2011

Last Revised: 3/31/2011

TETRA TECH
MRP FF.7
DAILY IVS REPORT

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

Project No: 112G 00645 Site 12 | **Date:** 10/23/2011

I. Test Plot Information

Location: (See IVS Installation Checklist)

Item No.	Inert Item/Surrogate Description	Depth (inches)	Comments
1	Small ISO 1" by 4" Pipe	6	
2	Medium ISO 2" by 8" Pipe	13	
3	Large ISO 4" by 12" Pipe	20	
4			
5			
6			
7			

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Test Results - Initials of personnel Testing Equipment ☒ indicates good for operation				Comments (pass/fail) Explain below
			AM	AM	PM	PM	
Schonstedt	224817	1,2,and 3	☑	FJM	☐		passed
Schonstedt	262458	1,2,and 3	☑	FJM	☐		passed
Schonstedt	263216	1,2,and 3	☑	FJM	☐		passed
Schonstedt	277046	1,2,and 3	☑	FJM	☐		passed
Schonstedt	277049	1,2,and 3	☑	FJM	☐		passed
WHITES		1, 2, 3	☑	FJM	☐		passed
			☐		☐		
			☐		☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature: Pete Dummitt	Title/Company:	Date:

TETRA TECH
MRP FF.7
DAILY IVS REPORT

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

Project No: 112G 00645 | **Date:** 10/24/2011

I. Test Plot Information

Location: (See IVS Installation Checklist)

Item No.	Inert Item/Surrogate Description	Depth (inches)	Comments
1	Small ISO 1" by 4" Pipe	6	
2	Medium ISO 2" by 8" Pipe	13	
3	Large ISO 4" by 12" Pipe	20	
4			
5			
6			
7			

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Test Results - Initials of personnel Testing Equipment ☒ indicates good for operation				Comments (pass/fail) Explain below
			AM	AM	PM	PM	
Schonstedt	224817	1,2,and 3	☐	FJM	☐		
Schonstedt	262458	1,2,and 3	☐	FJM	☐		
Schonstedt	263216	1,2,and 3	☐	FJM	☐		
Schonstedt	277046	1,2,and 3	☐	FJM	☐		
Schonstedt	277049	1,2,and 3	☐	FJM	☐		
white		1, 2, 3	☐	FJM	☐		
			☐		☐		
			☐		☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature: Pete Dummitt	Title/Company:	Date:

TETRA TECH
MRP FF.7
DAILY IVS REPORT

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

Project No: 112G 00645 | **Date:** 10/25/2011

I. Test Plot Information

Location: (See IVS Installation Checklist)

Item No.	Inert Item/Surrogate Description	Depth (inches)	Comments
1	Small ISO 1" by 4" Pipe	6	
2	Medium ISO 2" by 8" Pipe	13	
3	Large ISO 4" by 12" Pipe	20	
4			
5			
6			
7			

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Test Results - Initials of personnel Testing Equipment ☒ indicates good for operation				Comments (pass/fail) Explain below
			AM	AM	PM	PM	
Schonstedt	224817	1,2,and 3	☑	SW	☐		Passed
Schonstedt	262458	1,2,and 3	☑	SW	☐		passed
Schonstedt	263216	1,2,and 3	☑	SW	☐		passed
Schonstedt	277046	1,2,and 3	☑	SW	☐		passed
Schonstedt	277049	1,2,and 3	☑	SW	☐		passed
White		1,2,3	☑	FM	☐		passed
			☐		☐		
			☐		☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature: Pete Dummitt	Title/Company:	Date:

TETRA TECH
MRP FF.7
DAILY IVS REPORT

Facility/Location: **Former NAS Brunswick Maine**

Site(s): **The Quarry and Site 12**

Project No: 112G 00645 | **Date:** 10/26/2011

I. Test Plot Information

Location: (See IVS Installation Checklist)

Item No.	Inert Item/Surrogate Description	Depth (inches)	Comments
1	Small ISO 1" by 4" Pipe	6	
2	Medium ISO 2" by 8" Pipe	13	
3	Large ISO 4" by 12" Pipe	20	
4			
5			
6			
7			

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Test Results - Initials of personnel Testing Equipment ☑ indicates good for operation				Comments (pass/fail) Explain below
			AM	AM	PM	PM	
Schonstedt	224817	1,2,and 3	☑	SW	☐		passed
Schonstedt	262458	1,2,and 3	☑	SW	☐		passed
Schonstedt	263216	1,2,and 3	☑	SW	☐		passed
Schonstedt	277046	1,2,and 3	☑	SW	☐		passed
Schonstedt	277049	1,2,and 3	☑	SW	☐		passed
fuhrtes		1,2, 3	☑	FJM	☐		passed
			☐		☐		
			☐		☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature: Pete Dummitt	Title/Company:	Date:

TETRA TECH
MRP FF.7
DAILY IVS REPORT

Facility/Location: **Former NAS Brunswick Maine**

Site(s): **The Quarry and Site 12**

Project No: 112G 00645 | **Date:** 10/31/2011

I. Test Plot Information

Location: (See IVS Installation Checklist)

Item No.	Inert Item/Surrogate Description	Depth (inches)	Comments
1	Small ISO 1" by 4" Pipe	6	
2	Medium ISO 2" by 8" Pipe	13	
3	Large ISO 4" by 12" Pipe	20	
4			
5			
6			
7			

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Test Results - Initials of personnel Testing Equipment ☒ indicates good for operation				Comments (pass/fail) Explain below
			AM	AM	PM	PM	
Schonstedt	224817	1,2,and 3	☑	FJM	☐		Pass
Schonstedt	262458	1,2,and 3	☑	FJM	☐		Pass
Schonstedt	263216	1,2,and 3	☑	FJM	☐		Pass
Schonstedt	277046	1,2,and 3	☑	FJM	☐		Pass
Schonstedt	277049	1,2,and 3	☑	FJM	☐		Pass
WHITES		1,2, 3	☐	FJM	☐		Pass
			☐		☐		/
			☐		☐		

III. Problems Encountered / Corrective Actions Taken.
explain in space below:

IV. Supervisor

Name and Signature: Pete Dummitt	**Title/Company:**	**Date:**

TETRA TECH
MRP FF.7
DAILY IVS REPORT

Facility/Location: **Former NAS Brunswick Maine**

Site(s): **The Quarry and Site 12**

Project No: 112G 00645 | **Date:** 11/1/2011

I. Test Plot Information

Location: (See IVS Installation Checklist)

Item No.	Inert Item/Surrogate Description	Depth (inches)	Comments
1	Small ISO 1" by 4" Pipe	6	
2	Medium ISO 2" by 8" Pipe	13	
3	Large ISO 4" by 12" Pipe	20	
4			
5			
6			
7			

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Test Results - Initials of personnel Testing Equipment ☒ indicates good for operation				Comments (pass/fail) Explain below
			AM	AM	PM	PM	
Schonstedt	224817	1,2,and 3	☑	JC	☐		good
Schonstedt	262458	1,2,and 3	☑	JC	☐		good
Schonstedt	263216	1,2,and 3	☑	JC	☐		good
Schonstedt	277046	1,2,and 3	☑	JC	☐		good
Schonstedt	277049	1,2,and 3	☑	JC	☐		good
White		1,2,3	☑	JC	☐		good
			☐		☐		
			☐		☐		

III. Problems Encountered / Corrective Actions Taken.
explain in space below:

IV. Supervisor

Name and Signature: Pete Dummitt	**Title/Company:**	**Date:**

TETRA TECH
MRP FF.7
DAILY IVS REPORT

Facility/Location: **Former NAS Brunswick Maine**

Site(s): **The Quarry and Site 12**

Project No: 112G 00645 | **Date:** 11/2/2011

I. Test Plot Information

Location: (See IVS Installation Checklist)

Item No.	Inert Item/Surrogate Description	Depth (inches)	Comments
1	Small ISO 1" by 4" Pipe	6	
2	Medium ISO 2" by 8" Pipe	13	
3	Large ISO 4" by 12" Pipe	20	
4			
5			
6			
7			

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Test Results - Initials of personnel Testing Equipment ☒ indicates good for operation				Comments (pass/fail) Explain below
			AM	AM	PM	PM	
Schonstedt	224817	1,2,and 3	☐	JC	☐		Good
Schonstedt	262458	1,2,and 3	☐	JC	☐		Good
Schonstedt	263216	1,2,and 3	☐	JC	☐		Good
Schonstedt	277046	1,2,and 3	☐	JC	☐		Good
Schonstedt	277049	1,2,and 3	☐	JC	☐		Good
white		1,2,3	☐	JC	☐		Good
			☐		☐		
			☐		☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature: Pete Dummitt	Title/Company:	Date:

TETRA TECH
MRP FF.7
DAILY IVS REPORT

Facility/Location: **Former NAS Brunswick Maine**

Site(s): **The Quarry and Site 12**

Project No: 112G 00645	**Date:** 11/3/2011

I. Test Plot Information

Location: (See IVS Installation Checklist)

Item No.	Inert Item/Surrogate Description	Depth (inches)	Comments
1	Small ISO 1" by 4" Pipe	6	
2	Medium ISO 2" by 8" Pipe	13	
3	Large ISO 4" by 12" Pipe	20	
4			
5			
6			
7			

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Test Results - Initials of personnel Testing Equipment ☒ indicates good for operation				Comments (pass/fail) Explain below
			AM	AM	PM	PM	
Schonstedt	224817	1,2,and 3	☑		☐		good
Schonstedt	262458	1,2,and 3	☑		☐		Good
Schonstedt	263216	1,2,and 3	☑		☐		Good
Schonstedt	277046	1,2,and 3	☑		☐		Good
Schonstedt	277049	1,2,and 3	☑		☐		Good
white		1,2,3	☑		☐		good
			☐		☐		
			☐		☐		

III. Problems Encountered / Corrective Actions Taken.
explain in space below:

IV. Supervisor

Name and Signature: Pete Dummitt	**Title/Company:**	**Date:**

TETRA TECH
MRP FF.7
DAILY IVS REPORT

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

Project No: 112G 00645 | **Date:** 11/4/2011

I. Test Plot Information

Location: (See IVS Installation Checklist)

Item No.	Inert Item/Surrogate Description	Depth (inches)	Comments
1	Small ISO 1" by 4" Pipe	6	
2	Medium ISO 2" by 8" Pipe	13	
3	Large ISO 4" by 12" Pipe	20	
4			
5			
6			
7			

II. Instrument Information

Instrument Type/Manufacture	Instrument Serial Number	Test Plot Items Instrument Tested on (List Item Numbers)	Test Results - Initials of personnel Testing Equipment ☒ indicates good for operation				Comments (pass/fail) Explain below
			AM	AM	PM	PM	
Schonstedt	224817	1,2,and 3	☑		☐		good
Schonstedt	262458	1,2,and 3	☑		☐		Good
Schonstedt	263216	1,2,and 3	☑		☐		Good
Schonstedt	277046	1,2,and 3	☑		☐		Good
Schonstedt	277049	1,2,and 3	☑		☐		Good
white		1,2,3	☑		☐		Good
			☐		☐		
			☐		☐		

III. Problems Encountered / Corrective Actions Taken.

explain in space below:

IV. Supervisor

Name and Signature: Pete Dummitt	Title/Company:	Date:

B.4 FOLLOW-UP QC REPORT

FOLLOW-UP INSPECTION/SURVEILLANCE REPORT

Project Name: NAS Brunswick | Report No: 1

Project No: 112G02063 | Location: Brunswick, ME | Date: 6/9/10

I. Definable Feature of Work

- ☒ Mob/Site Prep/Site Security
- ☐ UXO Escort/Avoidance
- ☐ Site-Spefic Training/IVS Cert
- ☐ Detector Surface Sweep
- ☐ Surface/SubsurfaceClearance
- ☐ Data Processing and Interpretation
- ☐ Disposal of MEC
- ☐ Non-MEC Disposal
- ☐ Demobilization
- ☐
- ☐
- ☐
- ☐
- ☐ Other:

II. Type of Inspection

☒ Follow-up ☐ Surveillance

II. References (DOD Inst, Corporate references, SOPs, etc.):

OP 5

III. Activities/Conditions Observed

Installing grounds on magazines, cutting grass around magazines. Grounds were properly installed by certified electrician and meet resistance requirements. Grass was cut around both magazines.

Conducted By: :Glen Childers | Signature: | Date:6/9/10

X. UXOSO/QC Review

☐ Acceptable ☐ Unacceptable | NCR #:

Comments: No discrepancies Noted

Name: | Signature: | Date:

XI. Distribution

☒ PM ☒ SUXOS ☒ UXOSO/QC ☒ UXO Program Manager ☐ Client Rep

Revised May 2006

FOLLOW-UP INSPECTION/SURVEILLANCE REPORT

Project Name: NAS Brunswick | Report No: 2

Project No: 112G02063 | Location: Brunswick, ME | Date: 6/12/10

I. Definable Feature of Work

- ☒ Mob/Site Prep/Site Security
- ☐ UXO Escort/Avoidance
- ☐ Site-Specific Training/IVS Cert
- ☐ Detector Surface Sweep
- ☐ Surface/Subsurface Clearance
- ☐ Data Processing and Interpretation
- ☐ Disposal of MEC
- ☐ Non-MEC Disposal
- ☐ Demobilization
- ☐
- ☐ Other:

II. Type of Inspection

☒ Follow-up ☒ Surveillance

II. References (DOD Inst, Corporate references, SOPs, etc.):

Work Plan

III. Activities/Conditions Observed

Vegetation control using weed eater and bush hog at Site 12 EOD area and marking boundaries of FMBW with pin flags. All personnel were wearing appropriate PPE for the task being performed.

Conducted By: :Glen Childers | Signature: | Date:6/12/10

X. UXOSO/QC Review

☐ Acceptable ☐ Unacceptable | NCR #:

Comments: No discrepancies Noted

Name: | Signature: | Date:

XI. Distribution

☒ PM ☒ SUXOS ☒ UXOSO/QC ☒ UXO Program Manager ☐ Client Rep

Revised May 2006

FOLLOW-UP INSPECTION/SURVEILLANCE REPORT

Project Name: NAS Brunswick | Report No: 3

Project No: 112G02063 | Location: Brunswick, ME | Date: 6/13/10

I. Definable Feature of Work

- ☒ Mob/Site Prep/Site Security
- ☐ UXO Escort/Avoidance
- ☐ Site-Specific Training/IVS Cert
- ☐ Detector Surface Sweep
- ☐ Surface/Subsurface Clearance
- ☐ Data Processing and Interpretation
- ☐ Disposal of MEC
- ☐ Non-MEC Disposal
- ☐ Demobilization
- ☐
- ☐ Other:

II. Type of Inspection

☒ Follow-up ☒ Surveillance

II. References (DOD Inst, Corporate references, SOPs, etc.):

Work Plan

III. Activities/Conditions Observed

Vegetation control using weed eater and bush hog at Site 12 EOD area. All personnel were wearing appropriate PPE for the task being performed.

Conducted By: :Glen Childers | Signature: | Date:6/13/10

X. UXOSO/QC Review

☐ Acceptable ☐ Unacceptable | NCR #:

Comments: No discrepancies Noted

Name: | Signature: | Date:

XI. Distribution

☒ PM ☒ SUXOS ☒ UXOSO/QC ☒ UXO Program Manager ☐ Client Rep

Revised May 2006

FOLLOW-UP INSPECTION/SURVEILLANCE REPORT

Project Name: NAS Brunswick | Report No: 4

Project No: 112G02063 | Location: Brunswick, ME | Date: 6/14/10

I. Definable Feature of Work

- ☒ Mob/Site Prep/Site Security
- ☐ UXO Escort/Avoidance
- ☐ Site-Specific Training/IVS Cert
- ☐ Detector Surface Sweep
- ☐ Surface/Subsurface Clearance
- ☐ Data Processing and Interpretation
- ☐ Disposal of MEC
- ☐ Non-MEC Disposal
- ☐ Demobilization
- ☐
- ☐
- ☐
- ☐
- ☐ Other:

II. Type of Inspection

☒ Follow-up ☒ Surveillance

II. References (DOD Inst, Corporate references, SOPs, etc.):

Work Plan

III. Activities/Conditions Observed

Vegetation control using weed eater and bush hog at Site 12 EOD area and marking boundary of FMBW with pin flags. All personnel were wearing appropriate PPE for the task being performed.

Conducted By: :Glen Childers	Signature:	Date:6/14/10

X. UXOSO/QC Review

☐ Acceptable ☐ Unacceptable | NCR #:

Comments: No discrepancies Noted

Name:	Signature:	Date:

XI. Distribution

☒ PM ☒ SUXOS ☒ UXOSO/QC ☒ UXO Program Manager ☐ Client Rep

Revised May 2006

FOLLOW-UP INSPECTION/SURVEILLANCE REPORT

Project Name: NAS Brunswick | Report No: 5

Project No: 112G02063 | Location: Brunswick, ME | Date: 6/15/10

I. Definable Feature of Work

- ☒ Mob/Site Prep/Site Security
- ☐ UXO Escort/Avoidance
- ☐ Site-Specific Training/IVS Cert
- ☐ Detector Surface Sweep
- ☐ Surface/Subsurface Clearance
- ☐ Data Processing and Interpretation
- ☐ Disposal of MEC
- ☐ Non-MEC Disposal
- ☐ Demobilization
- ☐
- ☐
- ☐
- ☐
- ☐ Other:

II. Type of Inspection

☒ Follow-up ☒ Surveillance

II. References (DOD Inst, Corporate references, SOPs, etc.):

Work Plan

III. Activities/Conditions Observed

Vegetation control using weed eater and bush hog at Site 12 EOD area and marking boundary of FMBW with pin flags. All personnel were wearing appropriate PPE for the task being performed.

The brush cutting team located a MK 82 bomb with MK 31 Mod 1 tail fuze. Location coordinates were taken and proper notifications made.

Conducted By: :Glen Childers	Signature:	Date:6/15/10

X. UXOSO/QC Review

☐ Acceptable ☐ Unacceptable | NCR #:

Comments: No discrepancies Noted

Name:	Signature:	Date:

XI. Distribution

☒ PM ☒ SUXOS ☒ UXOSO/QC ☒ UXO Program Manager ☐ Client Rep

Revised May 2006

FOLLOW-UP INSPECTION/SURVEILLANCE REPORT

Project Name: NAS Brunswick | Report No: 6

Project No: 112G02063 | Location: Brunswick, ME | Date: 6/21/10

I. Definable Feature of Work

- ☒ Mob/Site Prep/Site Security
- ☐ UXO Escort/Avoidance
- ☐ Site-Specific Training/IVS Cert
- ☐ Detector Surface Sweep
- ☐ Surface/Subsurface Clearance
- ☐ Data Processing and Interpretation
- ☐ Disposal of MEC
- ☐ Non-MEC Disposal
- ☐ Demobilization
- ☐
- ☐ Other:

II. Type of Inspection

☒ Follow-up ☒ Surveillance

II. References (DOD Inst, Corporate references, SOPs, etc.):

Work Plan

III. Activities/Conditions Observed

Vegetation control using weed eater and bush hog at Site 12 EOD area. All personnel were wearing appropriate PPE for the task being performed.

Conducted By: :Glen Childers | Signature: | Date:6/21/10

X. UXOSO/QC Review

☐ Acceptable ☐ Unacceptable | NCR #:

Comments: No discrepancies Noted

Name: | Signature: | Date:

XI. Distribution

☒ PM ☒ SUXOS ☒ UXOSO/QC ☒ UXO Program Manager ☐ Client Rep

Revised May 2006

FOLLOW-UP INSPECTION/SURVEILLANCE REPORT

Project Name: NAS Brunswick | Report No: 7

Project No: 112G02063 | Location: Brunswick, ME | Date: 6/22/10

I. Definable Feature of Work

- [x] Mob/Site Prep/Site Security
- [ ] UXO Escort/Avoidance
- [ ] Site-Specific Training/IVS Cert
- [x] Detector Surface Sweep
- [ ] Surface/Subsurface Clearance
- [ ] Data Processing and Interpretation
- [ ] Disposal of MEC
- [ ] Non-MEC Disposal
- [ ] Demobilization
- [ ]
- [ ]
- [ ]
- [ ]
- [ ] Other:

II. Type of Inspection

- [x] Follow-up
- [x] Surveillance

II. References (DOD Inst, Corporate references, SOPs, etc.):

Work Plan

III. Activities/Conditions Observed

Vegetation control using weed eater and bush hog at Site 12 EOD area. All personnel were wearing appropriate PPE for the task being performed. Schonstedt and White sweep of grid. Three seed items were planted in the grid, coordinates: Item # 1 N 378802.68 E 3017150.30, Item # 2 N 378770.43 E 3017131..14, Item # 3 N 378763.93 E 3017170.51. All items were found by the sweep team. No discrepancies noted.

Conducted By: :Glen Childers	Signature:	Date:6/22/10

X. UXOSO/QC Review

- [ ] Acceptable
- [ ] Unacceptable

NCR #:

Comments: No discrepancies Noted

Name:	Signature:	Date:

XI. Distribution

- [x] PM
- [x] SUXOS
- [x] UXOSO/QC
- [x] UXO Program Manager
- [ ] Client Rep

Revised May 2006

FOLLOW-UP INSPECTION/SURVEILLANCE REPORT

Project Name: NAS Brunswick | Report No: 8

Project No: 112G02063 | Location: Brunswick, ME | Date: 6/23/10

I. Definable Feature of Work

- ☐ Mob/Site Prep/Site Security
- ☐ UXO Escort/Avoidance
- ☐ Site-Specific Training/IVS Cert
- ☒ Detector Surface Sweep
- ☐ Surface/Subsurface Clearance
- ☐ Data Processing and Interpretation
- ☐ Disposal of MEC
- ☐ Non-MEC Disposal
- ☐ Demobilization
- ☐
- ☐
- ☐
- ☐
- ☐
- ☒ Other: Demolition Operations:

II. Type of Inspection

☒ Follow-up ☒ Surveillance

II. References (DOD Inst, Corporate references, SOPs, etc.):

Work Plan

III. Activities/Conditions Observed

Sweeping grids at Site 12 EOD area with Schonstedt and White. Three seed items were placed in the grids, Item # 1 N 378823.48, E 3017249.51, # 2 N378767.35 E 3017203.59, # 3 N378800.01 E 3017293.39. Grids L4 and L5 failed due to sweep team missing seed items. The team missed one item in grid L4 that was placed by NAVFAC TD QA, Two items were missed in grid L5 that I placed. Grids will be re swept..

Observed demolition operations, No discrepancies noted. All safety rules and OI's were followed, however the shape charge failed to do the job as planned.

Conducted By: :Glen Childers | Signature: | Date:6/23/10

X. UXOSO/QC Review

☐ Acceptable ☐ Unacceptable | NCR #:

Comments: No discrepancies Noted

Name: | Signature: | Date:

XI. Distribution

☒ PM ☒ SUXOS ☒ UXOSO/QC ☒ UXO Program Manager ☐ Client Rep

Revised May 2006

FOLLOW-UP INSPECTION/SURVEILLANCE REPORT

Project Name: NAS Brunswick | Report No: 9

Project No: 112G02063 | Location: Brunswick, ME | Date: 6/24/10

I. Definable Feature of Work

- ☒ Mob/Site Prep/Site Security
- ☐ UXO Escort/Avoidance
- ☐ Site-Specific Training/IVS Cert
- ☐ Detector Surface Sweep
- ☐ Surface/Subsurface Clearance
- ☐ Data Processing and Interpretation
- ☐ Disposal of MEC
- ☐ Non-MEC Disposal
- ☐ Demobilization
- ☐
- ☐
- ☐
- ☐
- ☐ Other:

II. Type of Inspection

☒ Follow-up ☒ Surveillance

II. References (DOD Inst, Corporate references, SOPs, etc.):

Work Plan

III. Activities/Conditions Observed

Brush Cutting using brush hog, weed eater, and chain saw. Proper PPE was worn, all safety rules followed. No discrepancies noted.

Conducted By: :Glen Childers	Signature:	Date:6/24/10

X. UXOSO/QC Review

☐ Acceptable ☐ Unacceptable | NCR #:

Comments: No discrepancies Noted

Name:	Signature:	Date:

XI. Distribution

☒ PM ☒ SUXOS ☒ UXOSO/QC ☒ UXO Program Manager ☐ Client Rep

Revised May 2006

FOLLOW-UP INSPECTION/SURVEILLANCE REPORT

Project Name: NAS Brunswick | Report No: 10

Project No: 112G02063 | Location: Brunswick, ME | Date: 6/25/10

I. Definable Feature of Work

- ☒ Mob/Site Prep/Site Security
- ☐ UXO Escort/Avoidance
- ☐ Site-Specific Training/IVS Cert
- ☐ Detector Surface Sweep
- ☐ Surface/Subsurface Clearance
- ☐ Data Processing and Interpretation
- ☐ Disposal of MEC
- ☐ Non-MEC Disposal
- ☐ Demobilization
- ☐
- ☐
- ☐
- ☐
- ☐ Other:

II. Type of Inspection

☒ Follow-up ☒ Surveillance

II. References (DOD Inst, Corporate references, SOPs, etc.):

Work Plan/OI

III. Activities/Conditions Observed

Brush Cutting using brush hog, weed eater, and chain saw. Proper PPE was worn, all safety rules followed. No discrepancies noted.

Conducted By: :Glen Childers	Signature:	Date:6/25/10

X. UXOSO/QC Review

☐ Acceptable ☐ Unacceptable | NCR #:

Comments: No discrepancies Noted

Name:	Signature:	Date:

XI. Distribution

☒ PM ☒ SUXOS ☒ UXOSO/QC ☒ UXO Program Manager ☐ Client Rep

SGS Zip

Revised May 2006

FOLLOW-UP INSPECTION/SURVEILLANCE REPORT

Project Name: NAS Brunswick | Report No: 11

Project No: 112G02063 | Location: Brunswick, ME | Date: 6/26/10

I. Definable Feature of Work

- ☒ Mob/Site Prep/Site Security
- ☐ UXO Escort/Avoidance
- ☐ Site-Specific Training/IVS Cert
- ☐ Detector Surface Sweep
- ☐ Surface/Subsurface Clearance
- ☐ Data Processing and Interpretation
- ☐ Disposal of MEC
- ☐ Non-MEC Disposal
- ☐ Demobilization
- ☐
- ☐
- ☐
- ☐
- ☐ Other:

II. Type of Inspection

☒ Follow-up ☒ Surveillance

II. References (DOD Inst, Corporate references, SOPs, etc.):

Work Plan/OI/ESS

III. Activities/Conditions Observed

Brush Cutting using brush hog, weed eater, and chain saw. Proper PPE was worn, all safety rules followed. No discrepancies noted.

A second IVS was installed at Site 12 EOD Area, Item # 1 (IVS-2-1), 1" alum. Pipe, Coordinates N 377919.60 E 3017177.50, Item # 2 (IVS-2-2), 2" steel pipe, coordinates N 377928.53 E 3017172.91, Item # 3 (IVS-2-3), 1" steel pipe, coordinates N 377934.40 E 3017165.77, Item # 4 (IVS-2-4) 2" alum. Pipe, coordinates N 377942.30 E 3017157.60.

Conducted By: :Glen Childers | Signature: | Date:6/26/10

X. UXOSO/QC Review

☐ Acceptable ☐ Unacceptable | NCR #:

Comments: No discrepancies Noted

Name: | Signature: | Date:

XI. Distribution

☒ PM ☒ SUXOS ☒ UXOSO/QC ☒ UXO Program Manager ☐ Client Rep

SGS Zip

Revised May 2006

FOLLOW-UP INSPECTION/SURVEILLANCE REPORT

Project Name: NAS Brunswick | Report No: 12

Project No: 112G02063 | Location: Brunswick, ME | Date: 6/27 /10

I. Definable Feature of Work

- ☐ Mob/Site Prep/Site Security
- ☐ UXO Escort/Avoidance
- ☐ Site-Specific Training/IVS Cert
- ☒ Detector Surface Sweep
- ☐ Surface/Subsurface Clearance
- ☐ Data Processing and Interpretation
- ☐ Disposal of MEC
- ☐ Non-MEC Disposal
- ☐ Demobilization
- ☐
- ☐
- ☐
- ☐
- ☐ Other:

II. Type of Inspection

☒ Follow-up ☒ Surveillance

II. References (DOD Inst, Corporate references, SOPs, etc.):

Work Plan/OI/ESS

III. Activities/Conditions Observed

Sweep of grids using Schonstedts and Whites. Seed items planted, Seed #1 coordinates N 377935.59 E 3017158.64, Seed # 2 coordinates N 377897.82 E 3017143.78, Seed # 3 coordinates N 377929.91 E 3017175.87, Seed # 4 coordinates N 377931.95 E 3017449.21, Seed # 5 coordinates N 377935.01 E 3017486.96, Seed # 6 coordinates N 377901.34 E 3017525.74, Seed # 7 coordinates N 377919.71 En3017544.11, Seed # 8 coordinates N 377886.21 E 3017600.28. Grid C4 completed all seeds # 1, 2, and 3 found by sweep team. QC of grid C4, No discrepancies noted. Grids L5, C4, B8, B9, C7, C8, C9, D8, and D9 were completed, all seed items were found by the sweep team. Grids L5, C4, B8, B9, C7, C8, C9, D8, and D9 were QC'd, no discrepancies noted.

Conducted By: :Glen Childers | Signature: | Date:6/27/10

X. UXOSO/QC Review

☐ Acceptable ☐ Unacceptable | NCR #:

Comments: No discrepancies Noted

Name: | Signature: | Date:

XI. Distribution

☒ PM ☒ SUXOS ☒ UXOSO/QC ☒ UXO Program Manager ☐ Client Rep

Revised May 2006

FOLLOW-UP INSPECTION/SURVEILLANCE REPORT

Project Name: NAS Brunswick | Report No: 13

Project No: 112G02063 | Location: Brunswick, ME | Date: 6/28 /10

I. Definable Feature of Work

- ☐ Mob/Site Prep/Site Security
- ☐ UXO Escort/Avoidance
- ☐ Site-Specific Training/IVS Cert
- ☒ Detector Surface Sweep
- ☐ Surface/Subsurface Clearance
- ☐ Data Processing and Interpretation
- ☐ Disposal of MEC
- ☐ Non-MEC Disposal
- ☐ Demobilization
- ☐
- ☐
- ☐
- ☐
- ☐ Other:

II. Type of Inspection

☒ Follow-up ☒ Surveillance

II. References (DOD Inst, Corporate references, SOPs, etc.):

Work Plan/OI/ESS

III. Activities/Conditions Observed

Sweep of grids using Schonstedts and Whites. Coordinates of seed items planted, Seed #1 N 378785.33 E 3017100.44, Seed # 2 N 378793.50 E 3017158.60, Seed # 3 N378826.15 E 3017342.28, Seed # 4 N378816 E 3017358.60, Seed # 5 N 378828.19 E 3017409.62. Grids L4 was swept and completed, 2 seed items were located by the sweep team, Grid L4 was QC'd, no discrepancies noted. Grid L6 was swept and failed QC due to missing a QA seed item, 3 QC seeds and 1 QA seed were found by the sweep team. Grid L6 was redone, QC of grid L6 satisfactory, No discrepancies noted.

Conducted By: :Glen Childers | Signature: | Date:6/28/10

X. UXOSO/QC Review

☐ Acceptable ☐ Unacceptable | NCR #:

Comments: No discrepancies Noted

Name: | Signature: | Date:

XI. Distribution

☒ PM ☒ SUXOS ☒ UXOSO/QC ☒ UXO Program Manager ☐ Client Rep

SGS Zip

Revised May 2006

FOLLOW-UP INSPECTION/SURVEILLANCE REPORT

Project Name: NAS Brunswick | Report No: 14

Project No: 112G02063 | Location: Brunswick, ME | Date: 6/29 /10

I. Definable Feature of Work

- ☐ Mob/Site Prep/Site Security
- ☐ UXO Escort/Avoidance
- ☐ Site-Specific Training/IVS Cert
- ☒ Detector Surface Sweep
- ☐ Surface/Subsurface Clearance
- ☐ Data Processing and Interpretation
- ☐ Disposal of MEC
- ☐ Non-MEC Disposal
- ☐ Demobilization
- ☐
- ☐
- ☐
- ☐
- ☐ Other:

II. Type of Inspection

☒ Follow-up ☒ Surveillance

II. References (DOD Inst, Corporate references, SOPs, etc.):

Work Plan/OI/ESS

III. Activities/Conditions Observed

Sweep of grids using Schonstedts and Whites. Coordinates of seed items planted, Seed #1 N 378783.52 E 3017466.37, Seed # 2 N 378801.89 E 3017490.86, Seed # 3 N378744.33 E 3017522.49, Seed # 4 N378755.97 E 3017564.33, Seed # 5 N 378765.15 E 3017609.22, Seed # 6 N378661.84 E 3017575.24, Seed # 7 N 378683.27 E 3017533.41, Seed # 8 N 378711.84 E 3017490.55, Seed # 9 N 378681.23 E 3017450.75, Seed # 10 N 378658.78 E 3017388.51, Seed # 11 N 378710.82 E 3017352.79. Grids swept today were: L7, L8, L9, K7, K8, and K9. All seed items in those grids were located by the sweep team. The following grids were QC'd today: L7, L8, L9, K7, K8, and K9, all grids passed QC. No discrepancies noted.

Conducted By: :Glen Childers | Signature: | Date:6/29/10

X. UXOSO/QC Review

☐ Acceptable ☐ Unacceptable | NCR #:

Comments: No discrepancies Noted

Name: | Signature: | Date:

XI. Distribution

☒ PM ☒ SUXOS ☒ UXOSO/QC ☒ UXO Program Manager ☐ Client Rep

Revised May 2006

FOLLOW-UP INSPECTION/SURVEILLANCE REPORT

Project Name: NAS Brunswick | Report No: 15

Project No: 112G02063 | Location: Brunswick, ME | Date: 6/30 /10

I. Definable Feature of Work

- ☐ Mob/Site Prep/Site Security
- ☐ UXO Escort/Avoidance
- ☐ Site-Specific Training/IVS Cert
- ☒ Detector Surface Sweep
- ☐ Surface/Subsurface Clearance
- ☐ Data Processing and Interpretation
- ☐ Disposal of MEC
- ☐ Non-MEC Disposal
- ☐ Demobilization
- ☐
- ☐
- ☐
- ☐
- ☒ Other: Demolition/demil

II. Type of Inspection

☒ Follow-up ☒ Surveillance

II. References (DOD Inst, Corporate references, SOPs, etc.):

Work Plan/OI/ESS

III. Activities/Conditions Observed

Sweep of grids using Schonstedts and Whites. Coordinates of seed items planted: Seed # 1 N 378677.22 E 3017238.26, Seed # 2 N 378729.26 E 3017227.03. Observed the team sweeping the grids with Schonstedts and whites. Grids K5 and K6 were completed by the sweep team, all seed items were located. Grids K5 and K6 were QC'd and found satisfactory. No Discrepancies noted.

Demolition operations were observed, the MK 82 EOD had treated and the fuze from grid L2 were blown. Both demolition operations were successful. All safety precautions were taken and appropriate safety gear worn. No discrepancies noted.

Conducted By: :Glen Childers | Signature: | Date:6/30/10

X. UXOSO/QC Review

☐ Acceptable ☐ Unacceptable | NCR #:

Comments: No discrepancies Noted

Name: | Signature: | Date:

XI. Distribution

☒ PM ☒ SUXOS ☒ UXOSO/QC ☒ UXO Program Manager ☐ Client Rep

Revised May 2006

FOLLOW-UP INSPECTION/SURVEILLANCE REPORT

Project Name: NAS Brunswick | Report No: 16

Project No: 112G02063 | Location: Brunswick, ME | Date: 7/6 /10

I. Definable Feature of Work

- ☐ Mob/Site Prep/Site Security
- ☐ UXO Escort/Avoidance
- ☐ Site-Specific Training/IVS Cert
- ☒ Detector Surface Sweep
- ☐ Surface/Subsurface Clearance
- ☐ Data Processing and Interpretation
- ☐ Disposal of MEC
- ☐ Non-MEC Disposal
- ☐ Demobilization
- ☐
- ☐
- ☐
- ☐
- ☐ Other:

II. Type of Inspection

☒ Follow-up ☒ Surveillance

II. References (DOD Inst, Corporate references, SOPs, etc.):

Work Plan/OI/ESS

III. Activities/Conditions Observed

Sweep of grids using Schonstedts and Whites. Coordinates of seed items planted: Seed # 1 N 378734.84 E 3017130.38, Seed # 2 N 378701.17 E 3017100.79, Seed # 3 N378718.52 E 3017043.65, Seed # 4 N 378672.60 E 3016993.65 Seed # 5 N 378618.52 E 3016997.73, Seed # 6 N378575.66 E 3017093.65. Observed the team sweeping the grids with Schonstedts and Whites. Grids K1, K2, K3, K4, and J1 were completed and QC'd today. The grids were found to be satisfactory, no discrepancies noted. Seed items 1 thru 4 were found by the sweep team, seed items 5 and 6 are in grids that will be completed tomorrow.
Visitor on site: Jim Rossi

Conducted By: :Glen Childers | Signature: | Date:7/6/10

X. UXOSO/QC Review

☐ Acceptable ☐ Unacceptable | NCR #:

Comments: No discrepancies Noted

Name: | Signature: | Date:

XI. Distribution

☒ PM ☒ SUXOS ☒ UXOSO/QC ☒ UXO Program Manager ☐ Client Rep

Revised May 2006

FOLLOW-UP INSPECTION/SURVEILLANCE REPORT

Project Name: NAS Brunswick | Report No: 17

Project No: 112G02063 | Location: Brunswick, ME | Date: 7/7 /10

I. Definable Feature of Work

- ☐ Mob/Site Prep/Site Security
- ☐ UXO Escort/Avoidance
- ☐ Site-Specific Training/IVS Cert
- ☒ Detector Surface Sweep
- ☐ Surface/Subsurface Clearance
- ☐ Data Processing and Interpretation
- ☐ Disposal of MEC
- ☐ Non-MEC Disposal
- ☐ Demobilization
- ☐
- ☐
- ☐
- ☐
- ☐ Other:

II. Type of Inspection

☒ Follow-up ☒ Surveillance

II. References (DOD Inst, Corporate references, SOPs, etc.):

Work Plan/OI/ESS

III. Activities/Conditions Observed

Sweep of grids using Schonstedts and Whites. Coordinates of seed items planted: Seed # 1 N 3787618.53 E 3017250.11, Seed # 2 N 378610.37 E 3017301.13, Seed # 3 N378613.43 E 3017406.24, Seed # 4 N 378565.47 E 3017545.01. Observed the team sweeping the grids with Schonstedts and Whites. Grids J2, J3, J4, J5, J6 were completed, all seed items located in those grids were located by the sweep team.

Conducted By: :Glen Childers | Signature: | Date:7/7/10

X. UXOSO/QC Review

☐ Acceptable ☐ Unacceptable | NCR #:

Comments: No discrepancies Noted

Name: | Signature: | Date:

XI. Distribution

☒ PM ☒ SUXOS ☒ UXOSO/QC ☒ UXO Program Manager ☐ Client Rep

Revised May 2006

FOLLOW-UP INSPECTION/SURVEILLANCE REPORT

Project Name: NAS Brunswick | Report No: 18

Project No: 112G02063 | Location: Brunswick, ME | Date: 7/8 /10

I. Definable Feature of Work

- ☐ Mob/Site Prep/Site Security
- ☐ UXO Escort/Avoidance
- ☐ Site-Specific Training/IVS Cert
- ☒ Detector Surface Sweep
- ☐ Surface/Subsurface Clearance
- ☐ Data Processing and Interpretation
- ☐ Disposal of MEC
- ☐ Non-MEC Disposal
- ☐ Demobilization
- ☐
- ☐
- ☐
- ☐
- ☐ Other:

II. Type of Inspection

☒ Follow-up ☒ Surveillance

II. References (DOD Inst, Corporate references, SOPs, etc.):

Work Plan/OI/ESS

III. Activities/Conditions Observed

Sweep of grids using Schonstedts and Whites. Coordinates of seed items planted: Seed # 1 N 378478.34 E 3017553.36, Seed # 2 N 378473.24 E 3017501.83, Seed # 3 N378437.01 E 3017469.69, Seed # 4 N 378423.24 E 3017416.12 Seed # 6 N 378443.13 EE017386.02. Observed the team checking out Whites, Schonsteds and GPS units. No discrepancies noted. Observed the team sweeping grids using Schonstedt and, Whites. No discrepancies noted. The team located a 40 MM cartridge base w/live primer (MEC) in grid J8, item # 12S-J8-04, Coordinates N 378544.89 E 3017534.02 photo # 68 and 69. Another 40 MM cartridge base w/live primer (MEC) was located in grid J9, Item # 12S-J9-05, Coordinates N 378601.67 E 3017623.00, photo 70 & 71. Another 40 MM cartridge base w/live primer (MEC) was located in grid H8, Item # 12S-H8-06, Coordinates N378492.86 E 3017588.78, photo # 72. Grids H7, H8, H9, J8, and J9 were completed. Grids H8, H9, J8, and J9 were QC'd and found satisfactory. No discrepancies noted. Items located were placed in the holding magazine.

Conducted By: :Glen Childers | Signature: | Date:7/8/10

X. UXOSO/QC Review

☐ Acceptable ☐ Unacceptable | NCR #:

Comments: No discrepancies Noted

Name: | Signature: | Date:

XI. Distribution

☒ PM ☒ SUXOS ☒ UXOSO/QC ☒ UXO Program Manager ☐ Client Rep

Revised May 2006

FOLLOW-UP INSPECTION/SURVEILLANCE REPORT

Project Name: NAS Brunswick | Report No: 19

Project No: 112G02063 | Location: Brunswick, ME | Date: 7/9 /10

I. Definable Feature of Work

- ☐ Mob/Site Prep/Site Security
- ☐ UXO Escort/Avoidance
- ☐ Site-Specific Training/IVS Cert
- ☒ Detector Surface Sweep
- ☐ Surface/Subsurface Clearance
- ☐ Data Processing and Interpretation
- ☐ Disposal of MEC
- ☐ Non-MEC Disposal
- ☐ Demobilization
- ☐
- ☐
- ☐
- ☐
- ☐ Other:

II. Type of Inspection

☒ Follow-up ☒ Surveillance

II. References (DOD Inst, Corporate references, SOPs, etc.):

Work Plan/OI/ESS

III. Activities/Conditions Observed

Sweep of grids using Schonstedts and Whites. Coordinates of seed items planted: Seed # 1 N 378441.12 E 3017340.40, Seed # 2 N 378496.90 E 3017181.17, Seed # 3 N378427.89 E 3017054.16. Observed the team checking out Whites, Schonstedts and GPS units. No discrepancies noted. Observed the team sweeping grids using Schonstedts and, Whites. No discrepancies noted. Explosive inventory was completed, no discrepancies noted. Grids H7 and J7 were QC'd and satisfactory, no discrepancies noted. All seed items in grids swept today were located by the sweep team. An inventory of the explosives was completed and boxes marked lite box.

Conducted By: :Glen Childers | Signature: | Date:7/9/10

X. UXOSO/QC Review

☐ Acceptable ☐ Unacceptable | NCR #:

Comments: No discrepancies Noted

Name: | Signature: | Date:

XI. Distribution

☒ PM ☒ SUXOS ☒ UXOSO/QC ☒ UXO Program Manager ☐ Client Rep

SGS

Zip

Revised May 2006

FOLLOW-UP INSPECTION/SURVEILLANCE REPORT

Project Name: NAS Brunswick | Report No: 21

Project No: 112G02063 | Location: Brunswick, ME | Date: 7/11 /10

I. Definable Feature of Work

- ☐ Mob/Site Prep/Site Security
- ☐ UXO Escort/Avoidance
- ☐ Site-Specific Training/IVS Cert
- ☒ Detector Surface Sweep
- ☐ Surface/Subsurface Clearance
- ☐ Data Processing and Interpretation
- ☐ Disposal of MEC
- ☐ Non-MEC Disposal
- ☐ Demobilization
- ☐
- ☐
- ☐
- ☐
- ☐ Other:

II. Type of Inspection

☒ Follow-up ☒ Surveillance

II. References (DOD Inst, Corporate references, SOPs, etc.):

Work Plan/OI/ESS

III. Activities/Conditions Observed

Sweep of grids using Schonstedts and Whites. Coordinates of seed items planted: Seed # 1 N 378291.07 E 3017398.31, Seed # 2 N 378223.21 E 3017329.43, Seed # 3 N 378248.72 E 3017281.98, Seed # 4 N 378242.09 E 3017238.11, and Seed # 5 N378253.82 E 3017359.54. Observed the team checking out Whites, Schonstedts and GPS units. No discrepancies noted. Observed the team sweeping grids using Schonstedts and, Whites, No discrepancies noted. The sweep team located a fuze, type unknown (MPPEH) in grid F6, ID # 12S-F6-07, coordinates N 378231.51 E 3017375.41, photo # 73. The sweep team located a 40 MM practice projectile (MPPEH) in grid F6, ID # 12S-F6-08, coordinates N 378291.30 E 3017355.45, Photo # 74. The sweep team located an expended M-18 Smoke Grenade (MPPEH) in grid F6, ID # 12S-F6-09, coordinates N 378278.43 E 3017316.83, photo # 75. The sweep team located another expended M-18 Smoke Grenade (MPPEH) in grid F6, ID 3 12S-F6-10, coordinates N378212.74 E 3017297.05, photo # 76. The sweep team located an empty 60 MM Mortar (MPPEH) in grid F5, ID # 12S-F5-11, coordinates N378217.79 E 3017264.13, photo # 77.The sweep team located a piece of propellant (MPPEH) in grid F5, ID # 12S-F5-12, coordinates N 378286.86 E 3017213.49, photo # 78.

Conducted By: :Glen Childers | Signature: | Date:7/10/10

X. UXOSO/QC Review

☐ Acceptable ☐ Unacceptable | NCR #:

Comments: No discrepancies Noted

Name: | Signature: | Date:

XI. Distribution

☒ PM ☒ SUXOS ☒ UXOSO/QC ☒ UXO Program Manager ☐ Client Rep

Revised May 2006

FOLLOW-UP INSPECTION/SURVEILLANCE REPORT

Project Name: NAS Brunswick | Report No: 22

Project No: 112G02063 | Location: Brunswick, ME | Date: 7/12 /10

I. Definable Feature of Work

- ☐ Mob/Site Prep/Site Security
- ☐ UXO Escort/Avoidance
- ☐ Site-Specific Training/IVS Cert
- ☒ Detector Surface Sweep
- ☐ Surface/Subsurface Clearance
- ☐ Data Processing and Interpretation
- ☐ Disposal of MEC
- ☐ Non-MEC Disposal
- ☐ Demobilization
- ☐
- ☐
- ☐
- ☐
- ☐ Other:

II. Type of Inspection

☒ Follow-up ☒ Surveillance

II. References (DOD Inst, Corporate references, SOPs, etc.):

Work Plan/OI/ESS

III. Activities/Conditions Observed

Sweep of grids using Schonstedts and Whites. Coordinates of seed items planted: Seed # 1 N 378114.27 E 3017171.52, Seed # 2 N 378103.40 E 3017295.43, Seed # 3 N 378138.18 E 3017375.87, and Seed # 4 N 378127.31 E 3017425.87. Observed the team checking out Whites, Schonstedts and GPS units. No discrepancies noted. Observed the team sweeping grids using Schonstedts and, Whites, No discrepancies noted. The sweep team located a fuze part (MPPEH) in grid F5, ID # 12S-F5-13, coordinates: N 378259.13 E 3017285.85, photo # 79. Grids K2, J1, and J2 were QC'd again because the wetlands determination allowed more area to be cut and swept. Grids were found satisfactory, no discrepancies noted. Grids H3, H4, H5, H6, F5, F6, E5, and E6 were QC'd and found satisfactory, no discrepancies noted.

Conducted By: :Glen Childers | Signature: | Date:7/12/10

X. UXOSO/QC Review

☐ Acceptable ☐ Unacceptable | NCR #:

Comments: No discrepancies Noted

Name: | Signature: | Date:

XI. Distribution

☒ PM ☒ SUXOS ☒ UXOSO/QC ☒ UXO Program Manager ☐ Client Rep

Revised May 2006

FOLLOW-UP INSPECTION/SURVEILLANCE REPORT

Project Name: NAS Brunswick | Report No: 23

Project No: 112G02063 | Location: Brunswick, ME | Date: 7/13 /10

I. Definable Feature of Work

- ☐ Mob/Site Prep/Site Security
- ☐ UXO Escort/Avoidance
- ☐ Site-Specific Training/IVS Cert
- ☒ Detector Surface Sweep
- ☐ Surface/Subsurface Clearance
- ☐ Data Processing and Interpretation
- ☐ Disposal of MEC
- ☐ Non-MEC Disposal
- ☐ Demobilization
- ☐
- ☐
- ☐
- ☐
- ☐ Other:

II. Type of Inspection

☒ Follow-up ☒ Surveillance

II. References (DOD Inst, Corporate references, SOPs, etc.):

Work Plan/OI/ESS

III. Activities/Conditions Observed

Sweep of grids using Schonstedts and Whites. Coordinates of seed items planted: Seed # 1 N 378093.40 E 3017491.09, Seed # 2 N 378126.44 E 3017585.87, and Seed # 3 N 378113.40 E 3017545.87. Observed the team checking out Whites, Schonstedts and GPS units. No discrepancies noted. Observed the team sweeping grids using Schonstedts and, Whites, No discrepancies noted. The following grids were QC'd today: A6, A7, E7, E8, E9, G7, and G8. All grids were found to be satisfactory, no discrepancies noted. The sweep team located all seed items.

Conducted By: :Glen Childers | Signature: | Date:7/13/10

X. UXOSO/QC Review

☐ Acceptable ☐ Unacceptable | NCR #:

Comments: No discrepancies Noted

Name: | Signature: | Date:

XI. Distribution

☒ PM ☒ SUXOS ☒ UXOSO/QC ☒ UXO Program Manager ☐ Client Rep

SGS Zero Incident Performance Zip

Revised May 2006

FOLLOW-UP INSPECTION/SURVEILLANCE REPORT

Project Name: NAS Brunswick | Report No: 24

Project No: 112G02063 | Location: Brunswick, ME | Date: 7/14 /10

I. Definable Feature of Work

- ☐ Mob/Site Prep/Site Security
- ☐ UXO Escort/Avoidance
- ☐ Site-Specific Training/IVS Cert
- ☒ Detector Surface Sweep
- ☐ Surface/Subsurface Clearance
- ☐ Data Processing and Interpretation
- ☐ Disposal of MEC
- ☐ Non-MEC Disposal
- ☐ Demobilization
- ☐
- ☐
- ☐
- ☐
- ☒ Other: Demolition Operation

II. Type of Inspection

☒ Follow-up ☒ Surveillance

II. References (DOD Inst, Corporate references, SOPs, etc.):

Work Plan/OI/ESS

III. Activities/Conditions Observed

Sweep of grids using Schonstedts and Whites. Coordinates of seed items planted: Seed # 1 N 378328.89 E 3017393.50, Seed # 2 N 378358.46 E 3017317.85, Seed # 3 N 378395.85 E 3017269.15, and Seed # 4 N 378326.26 E 3017229.46. Observed the team checking out Whites, Schonstedts and GPS units. No discrepancies noted. Observed the team sweeping grids using Schonstedts and, Whites, No discrepancies noted. QC of grids G5 and G6, the grids were found satisfactory, no discrepancies noted. Observed demolition operations, all phases of demo were satisfactory, no discrepancies noted.

Conducted By: :Glen Childers | Signature: | Date:7/14/10

X. UXOSO/QC Review

☐ Acceptable ☐ Unacceptable | NCR #:

Comments: No discrepancies Noted

Name: | Signature: | Date:

XI. Distribution

☒ PM ☒ SUXOS ☒ UXOSO/QC ☒ UXO Program Manager ☐ Client Rep

Revised May 2006

FOLLOW-UP INSPECTION/SURVEILLANCE REPORT

Project Name: NAS Brunswick | Report No: 25

Project No: 112G02063 | Location: Brunswick, ME | Date: 7/19 /10

I. Definable Feature of Work

- ☐ Mob/Site Prep/Site Security
- ☐ UXO Escort/Avoidance
- ☐ Site-Specific Training/IVS Cert
- ☒ Detector Surface Sweep
- ☐ Surface/Subsurface Clearance
- ☐ Data Processing and Interpretation
- ☐ Disposal of MEC
- ☐ Non-MEC Disposal
- ☐ Demobilization
- ☐
- ☐
- ☐
- ☐
- ☒ Other: Demolition Operation

II. Type of Inspection

☒ Follow-up ☒ Surveilllance

II. References (DOD Inst, Corporate references, SOPs, etc.):

Work Plan/OI/ESS

III. Activities/Conditions Observed

Sweep of grids using Schonstedts and Whites. Coordinates of seed items planted: Seed # 1 N 378296.61 E 3017106.63, Seed # 2 N 378324.16 E 3017110.71, Seed # 3 N 378350.69 E 3017161.73, and Seed # 4 N 378263.95 E 3017171.93. Observed the team checking out Whites, Schonstedts and GPS units. No discrepancies noted. Observed the team sweeping grids using Schonstedts and, Whites, No discrepancies noted. The sweep team located a 20 MM Projectile (MPPEH) in grid G4, ID # S12-G4-14, coordinates N 378331.71 E 3017151.12, Photo # 90. The sweep team located another 20 MM Projectile in grid F4, ID # S12-F4-15, coordinates N 378216.91 E 3017162.85, photo # 91. The following grids were completed today: E4, F4, G4, and D5. Grids F4 and G4 were QC'd and found satisfactory, no discrepancies noted. Item S12-G4-14 was placed in the holding magazine, item S12-F4-15 was left in place and will be blown tomorrow.

Conducted By: Glen Childers | Signature: | Date:7/19/10

X. UXOSO/QC Review

☐ Acceptable ☐ Unacceptable | NCR #:

Comments: No discrepancies Noted

Name: | Signature: | Date:

XI. Distribution

☒ PM ☒ SUXOS ☒ UXOSO/QC ☒ UXO Program Manager ☐ Client Rep

Revised May 2006

FOLLOW-UP INSPECTION/SURVEILLANCE REPORT

Project Name: NAS Brunswick | Report No: 26

Project No: 112G02063 | Location: Brunswick, ME | Date: 7/20 /10

I. Definable Feature of Work

- ☐ Mob/Site Prep/Site Security
- ☐ UXO Escort/Avoidance
- ☐ Site-Specific Training/IVS Cert
- ☒ Detector Surface Sweep
- ☐ Surface/Subsurface Clearance
- ☐ Data Processing and Interpretation
- ☐ Disposal of MEC
- ☐ Non-MEC Disposal
- ☐ Demobilization
- ☐
- ☐
- ☐
- ☐
- ☒ Other: Demolition Operation

II. Type of Inspection

☒ Follow-up ☒ Surveillance

II. References (DOD Inst, Corporate references, SOPs, etc.):

Work Plan/OI/ESS

III. Activities/Conditions Observed

Sweep of grids using Schonstedts and Whites. Coordinates of seed items planted: Seed # 1 N 377855.81 E 3017432.84, Seed # 2 N 378019.08 E 3017410.81, Seed # 3 N 377809.89 E 3017482.33, and Seed # 4 N 378054.79 E 3017512.94. Observed the team checking out Whites, Schonstedts and GPS units. No discrepancies noted. Observed the team sweeping grids using Schonstedts and, Whites, No discrepancies noted. The sweep team located an M 904 Fuze (MPPEH) in grid B7, Item # S12-B7-16, coordinates N 377832.68 E 3017448.59, Photo # 96. The fuze was placed in the holding magazine for later disposition. Grids D6, D7 and B7 were completed today. Grids E4, D4, D5, D6, and D7 were QC'd and found satisfactory, no discrepancies noted. Observed demolition operation for disposal of item S12-F4-15. The operations was successful all safety rules followed and proper PPE worn, no discrepancies noted.

Conducted By: Glen Childers | Signature: | Date:7/20/10

X. UXOSO/QC Review

☐ Acceptable ☐ Unacceptable | NCR #:

Comments: No discrepancies Noted

Name: | Signature: | Date:

XI. Distribution

☒ PM ☒ SUXOS ☒ UXOSO/QC ☒ UXO Program Manager ☐ Client Rep

Revised May 2006

FOLLOW-UP INSPECTION/SURVEILLANCE REPORT

Project Name: NAS Brunswick | Report No: 27

Project No: 112G02063 | Location: Brunswick, ME | Date: 7/21 /10

I. Definable Feature of Work

- ☐ Mob/Site Prep/Site Security
- ☐ UXO Escort/Avoidance
- ☐ Site-Specific Training/IVS Cert
- ☒ Detector Surface Sweep
- ☐ Surface/Subsurface Clearance
- ☐ Data Processing and Interpretation
- ☐ Disposal of MEC
- ☐ Non-MEC Disposal
- ☐ Demobilization
- ☐
- ☐
- ☐
- ☐
- ☐ Other:

II. Type of Inspection

☒ Follow-up ☒ Surveillance

II. References (DOD Inst, Corporate references, SOPs, etc.):

Work Plan/OI/ESS

III. Activities/Conditions Observed

Sweep of grids using Schonstedts and Whites. Coordinates of seed items planted: Seed # 1 N 377867.59 E 3017361.38, Seed # 2 N 377806.28 E 3017374.86, and Seed # 3 N 377839.33 E 3017288.34. Observed the team checking out Whites, Schonstedts and GPS units. No discrepancies noted. Observed the team sweeping grids using Schonstedts and, Whites, No discrepancies noted. Grids B6 and B7 were QC'd and found satisfactory, no discrepancies noted. All seed items were located by the sweep team.

Conducted By: Glen Childers	Signature:	Date:7/21/10

X. UXOSO/QC Review

☐ Acceptable ☐ Unacceptable | NCR #:

Comments: No discrepancies Noted

Name:	Signature:	Date:

XI. Distribution

☒ PM ☒ SUXOS ☒ UXOSO/QC ☒ UXO Program Manager ☐ Client Rep

Revised May 2006

FOLLOW-UP INSPECTION/SURVEILLANCE REPORT

Project Name: NAS Brunswick | Report No: 28

Project No: 112G02063 | Location: Brunswick, ME | Date: 7/22/10

I. Definable Feature of Work

- ☐ Mob/Site Prep/Site Security
- ☐ UXO Escort/Avoidance
- ☐ Site-Specific Training/IVS Cert
- ☒ Detector Surface Sweep
- ☐ Surface/Subsurface Clearance
- ☐ Data Processing and Interpretation
- ☐ Disposal of MEC
- ☐ Non-MEC Disposal
- ☐ Demobilization
- ☐
- ☐
- ☐
- ☐
- ☒ Other: Trenching

II. Type of Inspection

☒ Follow-up ☒ Surveillance

II. References (DOD Inst, Corporate references, SOPs, etc.):

Work Plan, ESS

III. Activities/Conditions Observed

Observed check out of Schonstedts, Whites, GPS units. No discrepancies noted. Seed items placed in grids to be swept today, coordinates: Seed # 1 N 377929.48 E 3017238.04, Seed # 2 N 377974.70 E 3017219.78, Seed # 3 N 377978.18 E 3017312.82, and Seed # 4 N 377955.57 E 3017409.35. Observed completion of backfill of Trench # 1, no discrepancies noted. Observed excavation of Trench # 6 until halted due to wet ground. No discrepancies noted. Observed Schonstedt and Whites sweep of grids. No discrepancies noted. The following grids were completed today: C5, C6, B4, C2, C3, D3, and E3. All seed items were located by the sweep team.

Conducted By: Glen Childers | Signature: | Date:7/22/10

X. UXOSO/QC Review

☐ Acceptable ☐ Unacceptable | NCR #:

Comments: No discrepancies Noted

Name: | Signature: | Date:

XI. Distribution

☒ PM ☒ SUXOS ☒ UXOSO/QC ☒ UXO Program Manager ☐ Client Rep

Revised May 2006

FOLLOW-UP INSPECTION/SURVEILLANCE REPORT

Project Name: NAS Brunswick | Report No: 29

Project No: 112G02063 | Location: Brunswick, ME | Date: 7/23/10

I. Definable Feature of Work

- ☐ Mob/Site Prep/Site Security
- ☐ UXO Escort/Avoidance
- ☐ Site-Specific Training/IVS Cert
- ☒ Detector Surface Sweep
- ☐ Surface/Subsurface Clearance
- ☐ Data Processing and Interpretation
- ☐ Disposal of MEC
- ☐ Non-MEC Disposal
- ☐ Demobilization
- ☐
- ☐
- ☐
- ☐
- ☒ Other: Trenching

II. Type of Inspection

☒ Follow-up ☒ Surveillance

II. References (DOD Inst, Corporate references, SOPs, etc.):

Work Plan, ESS

III. Activities/Conditions Observed

Observed check out of Schonstedts, Whites, GPS units. No discrepancies noted. Seed items placed in grids to be swept today, coordinates: Seed # 1 N 378083.40 E 3016954.56, Seed # 2 N 378087.74 E 3016890.22, Seed # 3 N 378149.48 E 3016915.43, and Seed # 4 N 378242.27 E 3016933.83. Observed the completion of the excavation of Trench # 6. Trench # 6 was QC'd and found satisfactory, no discrepancies noted. Observed Schonstedt and White sweep of grids. No discrepancies noted. Observed digging of Trench # 4, no discrepancies noted. Trench 4 completed and QC'd, found satisfactory, no discrepancies noted. Trenches 4 and 6 were backfilled. The following grids were QC'd: C5, C6, B4, B5, C2, C3, D3, E3 and F3 all grids were found satisfactory, no discrepancies noted.

Conducted By: Glen Childers | Signature: | Date:7/23/10

X. UXOSO/QC Review

☐ Acceptable ☐ Unacceptable | NCR #:

Comments: No discrepancies Noted

Name: | Signature: | Date:

XI. Distribution

☒ PM ☒ SUXOS ☒ UXOSO/QC ☒ UXO Program Manager ☐ Client Rep

SGS

Zero Incidents Performance zip

Revised May 2006

FOLLOW-UP INSPECTION/SURVEILLANCE REPORT

Project Name: NAS Brunswick | Report No: 30

Project No: 112G02063 | Location: Brunswick, ME | Date: 7/24/10

I. Definable Feature of Work

- ☐ Mob/Site Prep/Site Security
- ☐ UXO Escort/Avoidance
- ☐ Site-Specific Training/IVS Cert
- ☒ Detector Surface Sweep
- ☐ Surface/Subsurface Clearance
- ☐ Data Processing and Interpretation
- ☐ Disposal of MEC
- ☐ Non-MEC Disposal
- ☐ Demobilization
- ☐
- ☐
- ☐
- ☐
- ☒ Other: Trenching

II. Type of Inspection

☒ Follow-up ☒ Surveillance

II. References (DOD Inst, Corporate references, SOPs, etc.):

Work Plan, ESS

III. Activities/Conditions Observed

Observed check out of Schonstedts, Whites, GPS units. No discrepancies noted. Seed items placed in grids to be swept today, coordinates: Seed # 1 N 378274.19 E 3016835.34, Seed # 2 N 378395.62 E 3016802.69, Seed # 3 N 378331.33 E 3016854.73, and Seed # 4 N 378443.58 E 3016828.20. Observed the excavation of Trench # 2. Trench # 2 completed and QC'd, no discrepancies noted. Trench # 3 completed and QC'd, no discrepancies noted. Trench # 9 completed and QC'd, no discrepancies noted. The following grids were QC'd today: D1, D2, E1, E2, F1, F2, G1, and H1. All grids were found to be satisfactory, no discrepancies noted. All seed items were located by the sweep team.

Conducted By: Glen Childers	Signature:	Date:7/24/10

X. UXOSO/QC Review

☐ Acceptable ☐ Unacceptable | NCR #:

Comments: No discrepancies Noted

Name:	Signature:	Date:

XI. Distribution

☒ PM ☒ SUXOS ☒ UXOSO/QC ☒ UXO Program Manager ☐ Client Rep

Revised May 2006

FOLLOW-UP INSPECTION/SURVEILLANCE REPORT

Project Name: NAS Brunswick | Report No: 31

Project No: 112G02063 | Location: Brunswick, ME | Date: 7/25/10

I. Definable Feature of Work

- ☐ Mob/Site Prep/Site Security
- ☐ UXO Escort/Avoidance
- ☐ Site-Specific Training/IVS Cert
- ☒ Detector Surface Sweep
- ☐ Surface/Subsurface Clearance
- ☐ Data Processing and Interpretation
- ☐ Disposal of MEC
- ☐ Non-MEC Disposal
- ☐ Demobilization
- ☐
- ☐
- ☐
- ☐
- ☐ Other:

II. Type of Inspection

☒ Follow-up ☒ Surveillance

II. References (DOD Inst, Corporate references, SOPs, etc.):

Work Plan, ESS

III. Activities/Conditions Observed

Observed check out of Schonstedts, Whites, GPS units. No discrepancies noted. Seed items placed in grids to be swept today, coordinates: Seed # 1 N 378381.30 E 3016990.12, Seed # 2 N 378389.11 E 3016975.84, and Seed # 3 N 378443.91 E 3016952.96. Observed sweeping of grids using Schonstedts and Whites, no discrepancies noted. The sweep team located a Practice 81 MM Mortar (MPPEH) in grid H2, Item # S12-H2-17, coordinates: N 378464.71 E 3016950.53, Photo # 116. The sweep team located an Empty 75MM Projectile (MPPEH) in grid G3, Item # S12-G2-18, coordinates: N 378416.31 E 3017025.65, Photo # 117. The sweep team located another empty 75 MM projectile (MPPEH) in grid G3, Item # S12-G3-19, coordinates: N 378352.23 E 3017069.79, Photo # 118. The sweep team located a tail fuze AN-MK 228 (MEC) in grid G2, Item # S12-G2-20, coordinates N 378343.20 E 3016874.95, Photo # 119. Grids G2, G3, and H2 were completed and QC'd. The grids were found to be satisfactory, no discrepancies noted. Observed checkout of Schonstedts, Whites and GPS units, no discrepancies noted. A surface sweep was performed around the completed trenches to see is anything had been exposed while working on the trenches.

Conducted By: Glen Childers | Signature: | Date:7/25/10

X. UXOSO/QC Review

☐ Acceptable ☐ Unacceptable | NCR #:

Comments: No discrepancies Noted

Name: | Signature: | Date:

XI. Distribution

☒ PM ☒ SUXOS ☒ UXOSO/QC ☒ UXO Program Manager ☐ Client Rep

Revised May 2006

FOLLOW-UP INSPECTION/SURVEILLANCE REPORT

Project Name: NAS Brunswick | Report No: 32

Project No: 112G02063 | Location: Brunswick, ME | Date: 7/26/10

I. Definable Feature of Work

- ☐ Mob/Site Prep/Site Security
- ☐ UXO Escort/Avoidance
- ☐ Site-Specific Training/IVS Cert
- ☒ Detector Surface Sweep
- ☐ Surface/Subsurface Clearance
- ☐ Data Processing and Interpretation
- ☐ Disposal of MEC
- ☐ Non-MEC Disposal
- ☐ Demobilization
- ☐
- ☐
- ☐
- ☐
- ☐ Other:

II. Type of Inspection

☒ Follow-up ☒ Surveillance

II. References (DOD Inst, Corporate references, SOPs, etc.):

Work Plan, ESS

III. Activities/Conditions Observed

Observed check out of Schonstedts, Whites, GPS units and equipment. No discrepancies noted. Start excavating Trench #7. The following items were located in Trench 7: 75 MM projectile base (MPPEH), 1 inch deep, Item # S12-trench 7-21, coordinates N 378271.15 E 3017331.06 Photo # 120; Frag (MPPEH) 18 inches deep, Item # S12-trench 7-22, coordinates N 378221.46 E 3017326.33, Photo # 121; Ballistic Shield (MPPEH), 24 inches deep, Item # S12-trench 7-23, coordinates 378221.46 E 3017325.36, Photo # 122; Frag (MPPEH), 8 inches deep, Item # S12-trench 7-24, coordinates N 378225.82 E 3017323.60, Photo # 123; 40 MM cartridge base (MPPEH), 6 inches deep, Item # S12-trench 7-25, coordinates N 378228.08 E 3017320.70, Photo # 124; Ejection Cartridge base (MPPEH), 3 inches deep, Item # S12-trench 7-26, coordinates N 378230.36 E 3017320.35, Photo # 125. Trench 7 complete and QC'd, satisfactory, no discrepancies noted. Start Trench 8. The following items were located in Trench 8: Fuze, type unknown (MPPEH), 42 inches deep, Item # S12-trench 8-27, coordinates N 378253.99 E 3017323.14, Photo # 126; 37 MM cartridge base (MPPEH), 18 inches deep, Item # S12-trench 8-28, coordinates N 378251.46 E 3017324.59, Photo # 127; Rocket Motor (MPPEH), 30 inches deep, Item # S12-trench 8-29, coordinates N 378246.42 E 3017330.32, Photo # 128; and a Rocket Motor Venture (MPPEH), 24 inches deep, Item # S12-trench 8-30, coordinates. N 378239.81 E 3017333.44, Photo # 129. Trench 8 was QC'd and found to be satisfactory.

Conducted By: Glen Childers | Signature: | Date:7/25/10

X. UXOSO/QC Review

☐ Acceptable ☐ Unacceptable | NCR #:

Comments: No discrepancies Noted

Name: | Signature: | Date:

XI. Distribution

☒ PM ☒ SUXOS ☒ UXOSO/QC ☒ UXO Program Manager ☐ Client Rep

Revised May 2006

FOLLOW-UP INSPECTION/SURVEILLANCE REPORT

Project Name: NAS Brunswick | Report No: 33

Project No: 112G02063 | Location: Brunswick, ME | Date: 7/27/10

I. Definable Feature of Work

- ☐ Mob/Site Prep/Site Security
- ☐ UXO Escort/Avoidance
- ☐ Site-Specific Training/IVS Cert
- ☐ Detector Surface Sweep
- ☒ Surface/Subsurface Clearance
- ☐ Data Processing and Interpretation
- ☒ Disposal of MEC
- ☐ Non-MEC Disposal
- ☐ Demobilization
- ☐
- ☐
- ☐
- ☐
- ☒ Other: Trenching/Demolition

II. Type of Inspection

☒ Follow-up ☒ Surveillance

II. References (DOD Inst, Corporate references, SOPs, etc.):

Work Plan, ESS

III. Activities/Conditions Observed

Observed check out of Schonstedts, Whites, GPS units and equipment. No discrepancies noted. Start excavation of Trench # 5. Trench # 5 completed and QC'd, the trench was found to be satisfactory no discrepancies noted. Observed demolition operations, the following items were destroyed: Fuze (S12-G2-20), Fuze (S12-trench 8-28), 20 MM Projectile (S12-G4-14), 20 MM Projectile (S12-F4-15), and a 60 MM Mortar (S12-F6-11). No discrepancies were noted. The base fire department wet down the area prior to demo to reduce the chance of fire.

Conducted By: Glen Childers | Signature: [signature] | Date:7/25/10

X. UXOSO/QC Review

☐ Acceptable ☐ Unacceptable | NCR #:

Comments: No discrepancies Noted

Name: | Signature: | Date:

XI. Distribution

☒ PM ☒ SUXOS ☒ UXOSO/QC ☒ UXO Program Manager ☐ Client Rep

SGS Zip

Revised May 2006

FOLLOW-UP INSPECTION/SURVEILLANCE REPORT

Project Name: NAS Brunswick | Report No: 34

Project No: 112G02063 | Location: Brunswick, ME | Date: 7/28/10

I. Definable Feature of Work

- ☐ Mob/Site Prep/Site Security
- ☐ UXO Escort/Avoidance
- ☐ Site-Specific Training/IVS Cert
- ☐ Detector Surface Sweep
- ☒ Surface/Subsurface Clearance
- ☐ Data Processing and Interpretation
- ☐ Disposal of MEC
- ☐ Non-MEC Disposal
- ☐ Demobilization
- ☐
- ☐
- ☐
- ☐
- ☒ Other: Trenching

II. Type of Inspection

☒ Follow-up ☒ Surveillance

II. References (DOD Inst, Corporate references, SOPs, etc.):

Work Plan, ESS

III. Activities/Conditions Observed

Observed check out of Schonstedts, Whites, GPS units and equipment. No discrepancies noted. Start excavation of Trench # 10. The following items were removed from Trench 10: 2.25 SCAR W/H (MPPEH), 36 inches deep, Item # S12-Trench 10-31, coordinates N 378303.64 E 3017300.48, Photo # 158; 2.75 rocket motor venture (MPPEH), 30 inches deep, Item # S12-Trench 10-32, coordinates N 378306.72 E 3017308.90, Photo # 159; rotating band for a 5 inch projectile (MPPEH), 30 inches deep, Item # S12-Trench 10-33, coordinates N 378295.20 E 3017305.91, Photo # 160; Pieces of bulk HE (MEC), 24 inches deep, Item # S12-Trench 10-34, coordinates N 378292.30 E 3017306.19, Photo # 161; fuze type unk (MPPEH), 18 inches deep, Item # S12-Trench 10-35, coordinates N 378295.03 E 3017302.91, Photo # 162; Naval Mine (MPPEH), 12 inches deep, Item # S12-Trench 10-36 coordinates N 378303.22 E 3017307.78, Photos 163, 164, and 165; A fuze type UNK (MPPEH), surface, Item # S12-Trench 10-37, coordinates N 378297.16 E 3017326.64, Photo # 166. Trench 10 complete and QC'd, no discrepancies noted.

Conducted By: Glen Childers | Signature: | Date:7/28/10

X. UXOSO/QC Review

☐ Acceptable ☐ Unacceptable | NCR #:

Comments: No discrepancies Noted

Name: | Signature: | Date:

XI. Distribution

☒ PM ☒ SUXOS ☒ UXOSO/QC ☒ UXO Program Manager ☐ Client Rep

Revised May 2006

FOLLOW-UP INSPECTION/SURVEILLANCE REPORT

Project Name: NAS Brunswick | Report No: 35

Project No: 112G02063 | Location: Brunswick, ME | Date: 8/2/10

I. Definable Feature of Work

- ☒ Mob/Site Prep/Site Security
- ☐ UXO Escort/Avoidance
- ☐ Site-Specific Training/IVS Cert
- ☐ Detector Surface Sweep
- ☐ Surface/Subsurface Clearance
- ☐ Data Processing and Interpretation
- ☐ Disposal of MEC
- ☐ Non-MEC Disposal
- ☐ Demobilization
- ☐
- ☐
- ☐
- ☐
- ☒ Other: Trenching

II. Type of Inspection

☒ Follow-up ☒ Surveillance

II. References (DOD Inst, Corporate references, SOPs, etc.):

Work Plan, ESS

III. Activities/Conditions Observed

Observed check out of Schonstedts, Whites, GPS units and equipment.. No discrepancies noted. Start excavation of Trench # 11. Stake out expansion grids, no discrepancies noted. Trench # 11 completed and QC'd, no discrepancies noted.

Conducted By: :Glen Childers | Signature: | Date:8/2/10

X. UXOSO/QC Review

☐ Acceptable ☐ Unacceptable | NCR #:

Comments: No discrepancies Noted

Name: | Signature: | Date:

XI. Distribution

☒ PM ☒ SUXOS ☒ UXOSO/QC ☒ UXO Program Manager ☐ Client Rep

Revised May 2006

FOLLOW-UP INSPECTION/SURVEILLANCE REPORT

Project Name: NAS Brunswick | Report No: 36

Project No: 112G02063 | Location: Brunswick, ME | Date: 8/3/10

I. Definable Feature of Work

- [x] Mob/Site Prep/Site Security
- [ ] UXO Escort/Avoidance
- [ ] Site-Specific Training/IVS Cert
- [x] Detector Surface Sweep
- [ ] Surface/Subsurface Clearance
- [ ] Data Processing and Interpretation
- [ ] Disposal of MEC
- [ ] Non-MEC Disposal
- [ ] Demobilization
- [ ]
- [ ]
- [ ]
- [ ]
- [x] Other: Trenching

II. Type of Inspection

- [x] Follow-up
- [x] Surveillance

II. References (DOD Inst, Corporate references, SOPs, etc.):

Work Plan, ESS

III. Activities/Conditions Observed

Observed check out of Schonstedts, Whites, GPS units and equipment.. No discrepancies noted. Start excavation of Trench # 12.. Stake out end points of transects in FMBW Area and start locating anomalies. No discrepancies noted. Trench # 12 completed and QC'd, no discrepancies noted. Grass seed put out in areas torn up during trench excavation. Start sweeping added on areas with Schonstedts and Whites. Two seed items put out, coordinates: Seed # 1 N378310.52 E 3016762.61, Seed # 2 N 378732.51 E 3016882.30. Grids K2, L2, and L3 were completed today, one seed item was located, the other seed is in the grid that will be completed tomorrow.

Conducted By: :Glen Childers	Signature:	Date:8/3/10

X. UXOSO/QC Review

- [ ] Acceptable
- [ ] Unacceptable

NCR #:

Comments: No discrepancies Noted

Name:	Signature:	Date:

XI. Distribution

- [x] PM
- [x] SUXOS
- [x] UXOSO/QC
- [x] UXO Program Manager
- [ ] Client Rep

Revised May 2006

FOLLOW-UP INSPECTION/SURVEILLANCE REPORT

Project Name: NAS Brunswick | Report No: 37

Project No: 112G02063 | Location: Brunswick, ME | Date: 8/4/10

I. Definable Feature of Work

- ☐ Mob/Site Prep/Site Security
- ☐ UXO Escort/Avoidance
- ☐ Site-Specific Training/IVS Cert
- ☒ Detector Surface Sweep
- ☒ Surface/Subsurface Clearance
- ☐ Data Processing and Interpretation
- ☐ Disposal of MEC
- ☐ Non-MEC Disposal
- ☐ Demobilization
- ☐
- ☐
- ☐
- ☐
- ☐ Other:

II. Type of Inspection

☒ Follow-up ☒ Surveillance

II. References (DOD Inst, Corporate references, SOPs, etc.):

Work Plan, ESS

III. Activities/Conditions Observed

Observed check out of Schonstedts, Whites, and GPS units, No discrepancies noted. Sweep grid G 1 using Schonstedts and Whites. The sweep team located a Gator Mine (MPPEH) in Grid G1, Item # S12-G1-38, coordinates N 378336.43 E 3016785.96, Photo # 167. The item was left in place and will be blown tomorrow. Grid G1 completed, grids G1, K2, L2, and L3 were QC'd and found to be satisfactory, no discrepancies noted. Move to FMBW and complete staking of transects, start sweeping transects. Transects 1 and 2 were completed.

Conducted By: :Glen Childers | Signature: | Date:8/4/10

X. UXOSO/QC Review

☐ Acceptable ☐ Unacceptable | NCR #:

Comments: No discrepancies Noted

Name: | Signature: | Date:

XI. Distribution

☒ PM ☒ SUXOS ☒ UXOSO/QC ☒ UXO Program Manager ☐ Client Rep

Revised May 2006

FOLLOW-UP INSPECTION/SURVEILLANCE REPORT

Project Name: NAS Brunswick | Report No: 38

Project No: 112G02063 | Location: Brunswick, ME | Date: 8/5/10

I. Definable Feature of Work

- ☐ Mob/Site Prep/Site Security
- ☐ UXO Escort/Avoidance
- ☐ Site-Specific Training/IVS Cert
- ☒ Detector Surface Sweep
- ☒ Surface/Subsurface Clearance
- ☐ Data Processing and Interpretation
- ☒ Disposal of MEC
- ☐ Non-MEC Disposal
- ☐ Demobilization
- ☐
- ☐
- ☐
- ☐
- ☐ Other:

II. Type of Inspection

☒ Follow-up ☒ Surveillance

II. References (DOD Inst, Corporate references, SOPs, etc.):

Work Plan, ESS

III. Activities/Conditions Observed

Observed check out of Schonstedts, Whites, and GPS units, No discrepancies noted. Class held on use of the Vallon. Start sweeping transects in FMBW, continue marking transects in FMBW. QC transects 1 and 2, no discrepancies noted. Demolition operations to demil the Gator Mine located yesterday, The NASB Fire Department was on site for demolition operations. .Demolition operations complete, no discrepancies noted. Observed marking and sweeping of transects, no discrepancies noted.

Conducted By: :Glen Childers | Signature: | Date:8/5/10

X. UXOSO/QC Review

☐ Acceptable ☐ Unacceptable | NCR #:

Comments: No discrepancies Noted

Name: | Signature: | Date:

XI. Distribution

☒ PM ☒ SUXOS ☒ UXOSO/QC ☒ UXO Program Manager ☐ Client Rep

SGS

Zip

Revised May 2006

FOLLOW-UP INSPECTION/SURVEILLANCE REPORT

Project Name: NAS Brunswick | Report No: 39

Project No: 112G02063 | Location: Brunswick, ME | Date: 8/6/10

I. Definable Feature of Work

- ☐ Mob/Site Prep/Site Security
- ☐ UXO Escort/Avoidance
- ☐ Site-Specific Training/IVS Cert
- ☒ Detector Surface Sweep
- ☒ Surface/Subsurface Clearance
- ☐ Data Processing and Interpretation
- ☐ Disposal of MEC
- ☐ Non-MEC Disposal
- ☐ Demobilization
- ☐
- ☐
- ☐
- ☐
- ☐ Other:

II. Type of Inspection

☒ Follow-up ☒ Surveillance

II. References (DOD Inst, Corporate references, SOPs, etc.):

Work Plan, ESS

III. Activities/Conditions Observed

Observed check out of Schonstedts, Whites, and GPS units, No discrepancies noted. Start sweeping transects in FMBW, continue marking anomalies in FMBW. All transects in FMBW were completed today. QC'd transects 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, and 13. All transects were satisfactory, no discrepancies noted. Observed sweeping of additional area at Site 2, no discrepancies notes. QC'd the additional area after it was completed, the area was satisfactory, no discrepancies noted.

Conducted By: :Glen Childers | Signature: | Date:8/6/10

X. UXOSO/QC Review

☐ Acceptable ☐ Unacceptable | NCR #:

Comments: No discrepancies Noted

Name: | Signature: | Date:

XI. Distribution

☒ PM ☒ SUXOS ☒ UXOSO/QC ☒ UXO Program Manager ☐ Client Rep

Revised May 2006

Note: Reports 40 through 45 are not provided because they are relevant only to FMBW and not Site 12.

FOLLOW-UP INSPECTION/SURVEILLANCE REPORT

Project Name: NAS Brunswick | Report No: 46

Project No: 112G02063 | Location: Brunswick, ME | Date: 8/13/10

I. Definable Feature of Work

- ☐ Mob/Site Prep/Site Security
- ☐ UXO Escort/Avoidance
- ☐ Site-Specific Training/IVS Cert
- ☐ Detector Surface Sweep
- ☐ Surface/Subsurface Clearance
- ☐ Data Processing and Interpretation
- ☒ Disposal of MEC
- ☐ Non-MEC Disposal
- ☒ Demobilization
- ☐
- ☐ Other:

II. Type of Inspection

☒ Follow-up ☒ Surveillance

II. References (DOD Inst, Corporate references, SOPs, etc.):

Work Plan, ESS

III. Activities/Conditions Observed

Observed demolition operations. All MPPEH was treated, six demolition shots. All demolition explosives were expended, and all MPPEH was placed in the explosive storage magazine awaiting certification to MDAS. No discrepancies noted. Continued packing for demob.

Conducted By: :Glen Childers | Signature: | Date:8/13/10

X. UXOSO/QC Review

☐ Acceptable ☐ Unacceptable | NCR #:

Comments: No discrepancies Noted

Name: | Signature: | Date:

XI. Distribution

☒ PM ☒ SUXOS ☒ UXOSO/QC ☒ UXO Program Manager ☐ Client Rep

Revised May 2006

B.5 DAILY SAFELY LOGS

TETRA TECH NUS, INC.

DATE	6/9/10
NO.	1
SHEET 1 OF 1	

FIELD ACTIVITY DAILY SAFETY LOG

PROJECT NAME: NAS Brunswick	PROJECT NO: 112G02063

FIELD ACTIVITY SUBJECT: digging and grass cutting

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Observed team members digging and cutting grass with weed eater. No discrepancies were noted.

VISITORS ON SITE: None	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None
WEATHER CONDITIONS: 43 degrees, mostly sunny, winds SW @ 5-10 mph, high 69 degrees	IMPORTANT TELEPHONE CALLS: None

PERSONNEL ON SITE: Jeff Fournier, Syd Rodgers, Glen Childers, Frank Montes, Mark Soha, Ed Alder, Norm Piper, Frank Loney, Alfred Smith

SIGNATURE: Glen Childers DATE: 6/9/10

TETRA TECH NUS, INC.

DATE	6/10/10
NO.	2
SHEET 1 OF 1	

FIELD ACTIVITY DAILY SAFETY LOG

PROJECT NAME: NAS Brunswick	PROJECT NO: 112G02063
FIELD ACTIVITY SUBJECT: Brush Clearance	
DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Safety briefing given, topics covered Slips, Trips, Falls, PPE, Work zones, Equipment safety, Observed brush cutting using bush hog and weed eater. No discrepancies noted.	
VISITORS ON SITE: None	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None
WEATHER CONDITIONS: 54 degrees, winds ESE @ 5 – 10 mph, rain, high 57 degrees, humidity 91%	IMPORTANT TELEPHONE CALLS: None
PERSONNEL ON SITE: Jeff Fournier, Syd Rodgers, Glen Childers, Frank Montes, Mark Soha, Ed Alder, Norm Piper, Frank Loney, Alfred Smith	
SIGNATURE: Glen Childers	DATE: 6/10/10

TETRA TECH NUS, INC.

DATE	6/11/10
NO.	3
SHEET	1 OF 1

FIELD ACTIVITY DAILY SAFETY LOG

PROJECT NAME: NAS Brunswick	PROJECT NO: 112G02063
FIELD ACTIVITY SUBJECT: grass cutting	
DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Daily Safety briefing, slips, trips, falls, PPE, Safe Work practices. Evacuations/egress procedures, MEC Precautions. Observed personnel staking out grids, and cutting brush with a weed eater. The brush hog was returned to the rental agency for repair.. Brush hog repaired and back on site and in use. Mark boundaries of Site 12 marked with pin flags.	
VISITORS ON SITE: None	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None
WEATHER CONDITIONS: 43 degrees, mostly sunny, winds SW @ 5-10 mph, high 69 degrees	IMPORTANT TELEPHONE CALLS: None
PERSONNEL ON SITE: Jeff Fournier, Syd Rodgers, Glen Childers, Frank Montes, Mark Soha, Ed alder, Norm Piper, Frank Loney, Alfred Smith	
SIGNATURE: Glen Childers	DATE: 6/11/10

TETRA TECH NUS, INC.

DATE	6/12/10
NO.	4
SHEET	1 OF 1

FIELD ACTIVITY DAILY SAFETY LOG

PROJECT NAME: NAS Brunswick	PROJECT NO: 112G02063

FIELD ACTIVITY SUBJECT: Grass cutting, marking boundary of FMBW with pin flags and cutting grass

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Daily Safety briefing. Topics covered: Physical Hazards, PPE, Safe Work Practices, MEC precautions, weed eater safety, lightning procedures. Observed teams cutting grass at Site 12 EOD area. Bush Hog stuck in FMBW. Got the bush hog unstuck. Observed marking boundary of FMBW area with pin flags.

VISITORS ON SITE: None	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None
WEATHER CONDITIONS: 52 degrees, cloudy, 40% chance of rain, winds ESE 5- 10 mph, high, 69 degrees, humidity 96%	IMPORTANT TELEPHONE CALLS: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Frank Montes, Mark Soha, Ed Alder, Norm Piper, Frank Loney, Alfred Smith

SIGNATURE: Glen Childers DATE: 6/12/10

TETRA TECH NUS, INC.

DATE	6/13/10
NO.	5
SHEET 1 OF 1	

FIELD ACTIVITY DAILY SAFETY LOG

PROJECT NAME: NAS Brunswick	PROJECT NO: 112G02063
FIELD ACTIVITY SUBJECT: Grass cutting and staking grids at Site 12 EOD area.	
DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Daily Safety briefing. Topics covered: heat/cold stress, MEC .Precautions, On Site Injuries/Illness tractor safety, and lightning procedures. Observed brush cutting and staking grids, no deficiencies noted.	
VISITORS ON SITE: None	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None
WEATHER CONDITIONS: 54 degrees, winds ESE @ 5 -10mph, Cloudy, high 68 degrees, Humidity 100%, 20% chance of rain.	IMPORTANT TELEPHONE CALLS: None
PERSONNEL ON SITE: Jeff Fournier, Syd Rodgers, Glen Childers, Frank Montes, Mark Soha, Ed alder, Norm Piper, Frank Loney, Alfred Smith	
SIGNATURE: Glen Childers	DATE: 6/13/10

TETRA TECH NUS, INC.

DATE	6/14/10
NO.	6
SHEET	1 OF 1

FIELD ACTIVITY DAILY SAFETY LOG

PROJECT NAME: NAS Brunswick	PROJECT NO: 112G02063

FIELD ACTIVITY SUBJECT: Grass cutting and staking grids at Site 12 EOD area.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Daily Safety briefing. Topics covered: PPE, Safe Work Practices, Directions to Hospital, Communications.. Observed brush cutting and staking grids, and marking boundary of FMBW with pin flags. No deficiencies noted.

VISITORS ON SITE: None	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None
WEATHER CONDITIONS: 57 degrees, Cloudy, /winds SW @ 5 – 10 mph, High 69 degrees, 30% Chance of rain.	IMPORTANT TELEPHONE CALLS: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Frank Montes, Mark Soha, Ed alder, Norm Piper, Frank Loney, Alfred Smith

SIGNATURE: Glen Childers DATE: 6/14/10

TETRA TECH NUS, INC.

DATE	6/15/10
NO.	7
SHEET	1 OF 1

FIELD ACTIVITY DAILY SAFETY LOG

PROJECT NAME: NAS Brunswick	PROJECT NO: 112G02063

FIELD ACTIVITY SUBJECT: Grass cutting at Site 12 EOD area and marking boundary of FMBW.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Daily Safety briefing. Topics covered: PPE, Emergency Response/Equipment, OE Precautions and weed eater safety.. Observed brush cutting and marking boundary of FMBW with pin flags. No deficiencies noted. At 1300 hrs the brush cutting team located a MK-82 bomb (500 lb.) with a MK-31 Mod 1 tail fuze (mechanical time). The bomb is rusty with traces of blue paint. The bomb is located in grid G 2, coordinates N 378342.28 E 3016880.05. Notifications were made by Syd Rodgers (SUXSO).

VISITORS ON SITE: see attached list	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None
WEATHER CONDITIONS: 53 degrees, Clear, winds NNW @ 5 – 10 mph, High 74 degrees, Humidity 85%	IMPORTANT TELEPHONE CALLS: Notification of bomb find.

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Frank Montes, Mark Soha, Ed alder, Norm Piper, Frank Loney, Alfred Smith

SIGNATURE: Glen Childers DATE: 6/15/10

VISITORS

6/15/10	James E. Balknap	PW Lock Shop	921-1757
6/15/10	A. Jandreall	On Target	215-6345
6/15/10	Joseph Roberts	NAS Safety	X 1313
6/15/10	John Gary	NAS Security	X 2740
6/15/10	Ron Tuttle	NAS XO	X 1204
6/15/10	B K Hall	NAS ESO	X 1319
6/15/10	Michael Fagan	NAS Environmental	X 1717
6/15/10	John Ripley	NAS RSO	X 2000

TETRA TECH NUS, INC.

DATE	6/16/10
NO.	8
SHEET	1 OF 1

FIELD ACTIVITY DAILY SAFETY LOG

PROJECT NAME: NAS Brunswick	PROJECT NO: 112G02063

FIELD ACTIVITY SUBJECT: Grass cutting at Site 12 EOD area and marking boundary of FMBW.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Daily Safety briefing, Topics covered: Site Safety Personnel, Heat/Cold Stress, PPE, Reporting Procedures, and MEC Precautions. Syd Rodgers (SUXOS) briefed personnel on a call last night from Mr. Fagan saying that EOD had requested nobody including us to be allowed on the range until they arrived. Five personnel released to start scheduled break. Three Personnel remained on site to await for the arrival of EOD. Personnel still on site will request access to site from EOD so we can get equipment to take in for servicing.

Norm Piper reported he had an imbedded tick when he got in last night.

EOD arrived at 1215, we went to the bunker and loaded equipment, departed area for rental company to take equipment in for service.

VISITORS ON SITE: None	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None
WEATHER CONDITIONS: 48degrees, clear, increasing clouds with a 60% chance of afternoon showers/thunder storms, winds SW @ 5 -10 mph, high 67 degrees, humidity 77%.	IMPORTANT TELEPHONE CALLS: Notification from Mr. Fagan not to enter area.

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Frank Montes, Mark Soha, Ed alder, Norm Piper, Frank Loney, Alfred Smith

SIGNATURE: Glen Childers DATE: 6/16/10

TETRA TECH NUS, INC.

DATE	6/21/10
NO.	9
SHEET	1 OF 1

FIELD ACTIVITY DAILY SAFETY LOG

PROJECT NAME: NAS Brunswick

PROJECT NO: 112G02063

FIELD ACTIVITY SUBJECT: Grass cutting, Schonstedt/White sweep of grids

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Daily Safety briefing, topics covered: Site/work area description, heat stress, PPE, Safe work practices, communications, and MEC precautions.

0730 hrs. Brush cutting and sweeping of grids with Schonstedt and White's.

At approximately 0945 hrs the sweep team located a fuze in grid L2, coordinates N 378752.83 E 3016961.35. Item ID # S12-L2-02, photo taken. At 1030 hrs Mike Fagan was notified of the fuze find so he could assume responsibility for the area tonight and let the appropriate base personnel know that we will have a detonation tomorrow.

1130 hrs, explosives inventory and magazine check.

1500 hrs brush hog broke, taken to rental company for repair and returned to site.

All personnel wearing appropriate PPE for task being performed. No Discrepancies noted.

VISITORS ON SITE: Tom Douglas (UXO QA), Arnold Burr (UXO QA)

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None

WEATHER CONDITIONS: 60 degrees, partly cloudy, winds WNE 5 -10 mph, Humidity 97%, high 81 degrees, 10% chance of rain.

IMPORTANT TELEPHONE CALLS: Called Mike Fagan

PERSONNEL ON SITE: Jeff Fournier, Syd Rodgers, Glen Childers, Frank Montes, Mark Soha, Ed Alder, Norm Piper, Frank Loney, Alfred Smith

SIGNATURE: Glen Childers

DATE: 6/21/10

TETRA TECH NUS, INC.

DATE	6/22/10
NO.	10
SHEET	1 OF 1

FIELD ACTIVITY DAILY SAFETY LOG

PROJECT NAME: NAS Brunswick	PROJECT NO: 112G02063

FIELD ACTIVITY SUBJECT: Grass cutting, Schonstedt/White sweep of grids, Demolition operation

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Daily Safety briefing, topics covered: Heat stress, PPE, and MEC precautions.

0730 hrs. Brush cutting and sweeping of grids with Schonstedt and White. All personnel were wearing the appropriate PPE for task being performed.

1200 hrs: Start preparation for demo operations, one for the fuze and one for the MK 82, EOD had treated on 6/17/10.

1400 hrs: The fuze shot started a grass fire, The Fire Department was called and responded. The fire was extinguished and the Fire Department departed the area at 1500 hrs. Approximately ¼ acre was burned.

Both demo shots low ordered, a second attempt to treat items will be scheduled tomorrow.

Teams continued sweeping grids.

VISITORS ON SITE: Tom Douglas (UXO QA), Arnold Burr (UXO QA)	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None
WEATHER CONDITIONS: 53 degrees, partly cloudy to cloudy, winds E @ 5 – 10 mph, humidity 92%, high 78 degrees.	IMPORTANT TELEPHONE CALLS: Called Mike Fagan, to call the fire department

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Frank Montes, Mark Soha, Norm Piper, Frank Loney, Alfred Smith

SIGNATURE: Glen Childers DATE: 6/22/10

TETRA TECH NUS, INC.

DATE	6/23/10
NO.	11
SHEET	1 OF 1

FIELD ACTIVITY DAILY SAFETY LOG

PROJECT NAME: NAS Brunswick	PROJECT NO: 112G02063

FIELD ACTIVITY SUBJECT: Schonstedt/White sweep of grids, demolition operations.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Daily Safety briefing, topics covered: PPE, emergency response/equipment, evacuation/egress procedures and MEC precautions.

0720 hrs: Check out Schonstedts, Whites, and GPS units.

0830 hrs: Start sweep of grids using Schonstedt and White. All personnel were wearing the appropriate PPE, No discrepancies noted.

Observed demolition operations, all safety guidelines and appropriate work plans/OI were followed. No discrepancies noted.

VISITORS ON SITE: Tom Douglas (UXO QA), Arnold Burr (UXO QA)	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None
WEATHER CONDITIONS: 63 degrees, showers, chance of afternoon thunderstorms, winds SSW @ 5 – 10 mph, humidity 98%, high 71 degrees	IMPORTANT TELEPHONE CALLS: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Frank Montes, Mark Soha, Norm Piper, Frank Loney, Alfred Smith

SIGNATURE: Glen Childers DATE: 6/23/10

TETRA TECH NUS, INC.

DATE	6/24/10
NO.	12
SHEET	1 OF 1

FIELD ACTIVITY DAILY SAFETY LOG

PROJECT NAME: NAS Brunswick

PROJECT NO: 112G02063

FIELD ACTIVITY SUBJECT: Schonstedt/White sweep of grids, demolition operations.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Daily Safety briefing, topics covered: Physical hazards, PPE, Weed Eater safety, and MEC Precautions.

0730, check out GPS units, Schonstedts, and Whites.

0830. Start cutting brush.

1500, Stop work, take cover, thunderstorm and lightning.

1530, Resume work.

1700, End of day.

Proper PPE was worn, safety followed. No Discrepancies noted

VISITORS ON SITE: Tom Douglas (UXO QA), Arnold Burr (UXO QA)

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None

WEATHER CONDITIONS: 63 degrees, mostly cloudy 60% chance of afternoon thunderstorms, winds SSW @ 10 -15 mph, humidity 97%, high 78 degrees

IMPORTANT TELEPHONE CALLS: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Frank Montes, Mark Soha, Norm Piper, Frank Loney, Alfred Smith

SIGNATURE: Glen Childers

DATE: 6/24/10

TETRA TECH NUS, INC.

DATE	6/25/10
NO.	13
SHEET	1 OF 1

FIELD ACTIVITY DAILY SAFETY LOG

PROJECT NAME: NAS Brunswick	PROJECT NO: 112G02063

FIELD ACTIVITY SUBJECT: Brush cutting

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Daily Safety briefing, topics covered: Heat stress, PPE, Chain Saw Safety, and MEC Precautions.

0730, check out GPS units,

0800. Start cutting brush using brush hog, weed eaters, and chain saw.

Proper PPE was worn, safety followed. No Discrepancies noted

VISITORS ON SITE: Tom Douglas (UXO QA), Arnold Burr (UXO QA)	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None
WEATHER CONDITIONS: 60 degree, Clear, Winds W @ 5 -10 mph, humidity 86%, high 79degrees.	IMPORTANT TELEPHONE CALLS: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Frank Montes, Mark Soha, Norm Piper, Frank Loney, Alfred Smith

SIGNATURE: Glen Childers DATE: 6/25/10

TETRA TECH NUS, INC.

DATE	6/26/10
NO.	14
SHEET	1 OF 1

FIELD ACTIVITY DAILY SAFETY LOG

PROJECT NAME: NAS Brunswick	PROJECT NO: 112G02063

FIELD ACTIVITY SUBJECT: Brush cutting

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Daily Safety briefing, topics covered: Heat stress, PPE, Chain Saw Safety, and MEC Precautions.

0730, check out GPS units,

0800. Start cutting brush using brush hog, weed eaters, and chain saw.

1300, set up second IVS: Item # 1 (IVS-2-1) 1" alum. Pipe, coordinates N 377919.60 E 3017177.50, Item # 2 (IVS-2-2) 2" steel pipe, coordinates N 377919.60 E 3017172.91, Item # 3 (IVS-2-3) 1" steel pipe, coordinates N 377934.40 E 3017165.77, Item # 4 (IVS-2-4) 2" alum. Pipe, coordinates N 377942.30 E 3017157.60.

Proper PPE was worn, safety followed. No Discrepancies noted

VISITORS ON SITE: None	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None
WEATHER CONDITIONS: 60 degree, Partly cloudy, Winds WSW @ 5 -10 mph, humidity 90%, high 75 degrees, 30% chance of afternoon showers.	IMPORTANT TELEPHONE CALLS: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Frank Montes, Mark Soha, Norm Piper, Frank Loney, Alfred Smith

SIGNATURE: Glen Childers DATE: 6/26/10

TETRA TECH NUS, INC.

DATE	6/27/10
NO.	15
SHEET	1 OF 1

FIELD ACTIVITY DAILY SAFETY LOG

PROJECT NAME: NAS Brunswick	PROJECT NO: 112G02063

FIELD ACTIVITY SUBJECT: Sweeping of grids using Schonstedts and Whites

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Daily Safety briefing, topics covered: Heat stress, PPE, reporting procedures, lightning procedures, and MEC Precautions.

0730, Check out Schonstedts, Whites, and GPS units..

0800, Start sweeping grids using Schonstedts and Whites.

1330, sweep team located a 2.25 SCAR warhead (MDAS) in grid D8, Item # S12-D8-03. Coordinates N 378012.65 E 3017572.83. Item placed in holding for demil.

1630, Start clean up.

1645, magazine check.

1700. End of day.

Proper PPE was worn, safety followed. No Discrepancies noted

VISITORS ON SITE: None	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None
WEATHER CONDITIONS: 62 degrees, winds SW @ 5 -10 mph, Humidity 91%, high 74 degrees, 10% chance of rain.	IMPORTANT TELEPHONE CALLS: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Frank Montes, Mark Soha, Norm Piper, Frank Loney, Alfred Smith

SIGNATURE: Glen Childers DATE: 6/27/10

TETRA TECH NUS, INC.

DATE	6/28/10
NO.	16
SHEET	1 OF 1

FIELD ACTIVITY DAILY SAFETY LOG

PROJECT NAME: NAS Brunswick	PROJECT NO: 112G02063

FIELD ACTIVITY SUBJECT: Sweeping of grids using Schonstedts and Whites

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0700: Daily Safety briefing, topics covered: Physical Hazards, Heat stress, PPE, Lightning procedures, and MEC Precautions.

0715: Check out Schonstedts, Whites, and GPS Units. I ea GPS Unit down, will be shipped for repair. Seed items placed in grids to be swept today.

0725: Lightning in area, take shelter.

0800: Start sweeping grids with Schonstedts and Whites

1330: Received 10,000 ft of shock tube. Explosive inventory completed.

1615: Check out Schonstedts and Whites

1645, magazine check.

1700. End of day.

Proper PPE was worn, safety followed. No Discrepancies noted

VISITORS ON SITE: Thomas Douglas (UXO QA), Arnold Burr (UXO QA)	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None
WEATHER CONDITIONS: 63 degrees, rain, winds SSW @ 10 – 20 mph, humidity 98%, high 83 degrees, showers/thunderstorms some severe.	IMPORTANT TELEPHONE CALLS: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Frank Montes, Mark Soha, Norm Piper, Frank Loney, Alfred Smith

SIGNATURE: Glen Childers DATE: 6/28/10

TETRA TECH NUS, INC.

DATE	6/29/10
NO.	17
SHEET	1 OF 1

FIELD ACTIVITY DAILY SAFETY LOG

PROJECT NAME: NAS Brunswick	PROJECT NO: 112G02063

FIELD ACTIVITY SUBJECT: Sweeping of grids using Schonstedts and Whites

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0700: Daily Safety briefing, topics covered: PPE, Safe Work Practices, Slips, Trips Falls, and MEC Precautions.

0720: Check out Schonstedts, Whites, and GPS Units. I ea GPS Unit down, and was shipped out for repair 6/28/10. Seed items placed in grids to be swept today.

0745; Start sweep of grids using Schonstedts and Whites

1400: Received shipment of shaped charges and detonating cord.

1645, magazine check.

1700. End of day.

Proper PPE was worn, safety followed. No Discrepancies noted

VISITORS ON SITE: Thomas Douglas (UXO QA), Arnold Burr (UXO QA)	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None
WEATHER CONDITIONS: 62 degrees, fog, winds SSE @ 5 -10 mph, humidity 95%, high 75 degrees, 20% chance of showers/thunderstorms.	IMPORTANT TELEPHONE CALLS: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Frank Montes, Mark Soha, Norm Piper, Frank Loney, Alfred Smith

SIGNATURE: Glen Childers DATE: 6/29/10

TETRA TECH NUS, INC.

DATE	6/30/10
NO.	18
SHEET	1 OF 1

FIELD ACTIVITY DAILY SAFETY LOG

PROJECT NAME: NAS Brunswick	PROJECT NO: 112G02063

FIELD ACTIVITY SUBJECT: Sweeping of grids using Schonstedts and Whites

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0700: Daily Safety briefing, topics covered: PPE, MEC Precautions, Demolition Safety, and Drinking and Driving.

0720: Check out Schonstedts, Whites, and GPS Units. 1 ea. GPS Unit down, will be shipped for repair. Seed items placed in grids to be swept today. The replacement GPS unit arrived today.

0745: Start sweep of grids using Schonstedts and Whites

1330: Start Demo prep.

1500: Fire Department on site to stand by.

1530: Demolition shot on fuze from grid L2 and the MK82, both shots successful.

1545: Fire Department departed site.

1600: Clean up

1645: Magazine check.

1700: End of day.

Proper PPE was worn, safety followed. No Discrepancies noted

VISITORS ON SITE: Thomas Douglas (UXO QA), Arnold Burr (UXO QA)	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None
WEATHER CONDITIONS: 53 degrees, winds WSW 10 -15 mph, Humidity 85%, high 71 degrees.	IMPORTANT TELEPHONE CALLS: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Frank Montes, Mark Soha, Norm Piper, Frank Loney, Alfred Smith

SIGNATURE: Glen Childers DATE: 6/30/10

TETRA TECH NUS, INC.

DATE	7/6/10
NO.	19
SHEET	1 OF 1

FIELD ACTIVITY DAILY SAFETY LOG

PROJECT NAME: NAS Brunswick

PROJECT NO: 112G02063

FIELD ACTIVITY SUBJECT: Sweeping of grids using Schonstedts and Whites

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0700: Daily Safety briefing, topics covered: PPE, Heat Stress, and MEC Precautions.

0720: Check out Schonstedts, Whites, and GPS Units. Seed items placed in grids to be swept today.

0745: Start sweep of grids using Schonstedts and Whites.

1600: Grid K1, K2, K3, K4, and J1 were completed today.

1630: Instrument check.

1700: End of day.

Proper PPE was worn, safety followed. No Discrepancies noted

VISITORS ON SITE: Jim Rossi

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None

WEATHER CONDITIONS: 65 degrees, winds calm, humidity 94% high 93 degrees.

IMPORTANT TELEPHONE CALLS: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Frank Montes, Mark Soha, Norm Piper, Frank Loney, Alfred Smith

SIGNATURE: Glen Childers

DATE: 7/6/10

TETRA TECH NUS, INC.

FIELD ACTIVITY DAILY SAFETY LOG

DATE	7/7/10
NO.	20
SHEET	1 OF 1

PROJECT NAME: NAS Brunswick

PROJECT NO: 112G02063

FIELD ACTIVITY SUBJECT: Sweeping of grids using Schonstedts and Whites

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0700: Daily Safety briefing, topics covered: PPE, Heat Stress, and MEC Precautions. Directions to Hospital, Lightning Precautions.

0720: Check out Schonstedts, Whites, and GPS Units. Seed items placed in grids to be swept today. A risk assessment for Jim Rossi (TTNUS) and Doug Murray (NOSSA) was accomplished IAW Paragraph 6.2.4 of the ESS. The risk is negligible.

0745: Start sweep of grids using Schonstedts and Whites. Site specific training for Jake Clements.

1630: Instrument check.

1645: Magazine check.

1700: End of day.

Proper PPE was worn, safety followed. No Discrepancies noted

VISITORS ON SITE: Jim Rossi (TTNUS), Doug Murray (NOSSA), and Brian K. Hall (NASB Explosive Safety)

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None

WEATHER CONDITIONS: 69 degrees, Partly Cloudy, Winds SW @5 10 mph, high 83 degrees, 20% chance of rain.

IMPORTANT TELEPHONE CALLS: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Frank Montes, Mark Soha, Jake Clement, Norm Piper, Frank Loney, Alfred Smith

SIGNATURE: Glen Childers

DATE: 7/7/10

TETRA TECH NUS, INC.

FIELD ACTIVITY DAILY SAFETY LOG

DATE	7/8/10
NO.	21
SHEET	1 OF 1

PROJECT NAME: NAS Brunswick

PROJECT NO: 112G02063

FIELD ACTIVITY SUBJECT: Sweeping of grids using Schonstedts and Whites

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0700: Daily Safety briefing, topics covered: PPE, Heat Stress, and MEC Precautions.

0720: Check out Schonstedts, Whites, and GPS Units. Seed items placed in grids to be swept today.

0745: Start sweep of grids using Schonstedts and Whites.

0900: The sweep team located a 40 MM Cartridge base w/live primer (MEC) in grid J8, Item # 12S-J8-04, Coordinates N 378544.89 E 3017532.02, photo # 68 & 69.

0945: The sweep team located another 40 MM Cartridge base w/live primer (MEC) in grid J9, Item # 12S-J9-05, Coordinates N 378601.67 E 3017623.00, photo # 70 & 71.

1115: The sweep team located another 40 MM cartridge base w/live primer (MEC) in grid H8, Item # 12S-H8-06, Coordinates N 378492.86 E 3017588.78, photo # 72.

1300: Items located were placed in the holding magazine.

1630: Instrument check.

1645: Magazine check.

1700: End of day.

Proper PPE was worn, safety followed. No Discrepancies noted

VISITORS ON SITE: Jim Rossi (TTNUS), Doug Murray (NOSSA), Michael Fagan (NASB Environmental)	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None
WEATHER CONDITIONS: 68 degrees, cloudy, winds SSW @ 10 -15 mph, Humidity 92%, high 81 degrees, 20% chance of rain.	IMPORTANT TELEPHONE CALLS: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Frank Montes, Mark Soha, Jake Clement, Norm Piper, Frank Loney, Alfred Smith

SIGNATURE: Glen Childers

DATE: 7/8/10

TETRA TECH NUS, INC.

FIELD ACTIVITY DAILY SAFETY LOG

DATE	7/9/10
NO.	22
SHEET	1 OF 1

PROJECT NAME: NAS Brunswick

PROJECT NO: 112G02063

FIELD ACTIVITY SUBJECT: Sweeping of grids using Schonstedts and Whites

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0700: Daily Safety briefing, topics covered: PPE, Heat Stress, Communications, and MEC Precautions.

0720: Check out Schonstedts, Whites, and GPS Units. Seed items placed in grids to be swept today.

0745: Start sweep of grids using Schonstedts and Whites.

0900: Explosive inventory.

1130: Received refilled fire extinguishers.

1400: Check out GPS units.

1630: Instrument check.

1645: Magazine check.

1700: End of day.

Proper PPE was worn, safety followed. No Discrepancies noted

VISITORS ON SITE: None

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None

WEATHER CONDITIONS: 70 degrees, Partly Cloudy, Winds S @ 10 -15, Humidity 93%, high 81

IMPORTANT TELEPHONE CALLS: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Frank Montes, Mark Soha, Jake Clement, Norm Piper, Frank Loney, Alfred Smith

SIGNATURE: Glen Childers

DATE: 7/9/10

TETRA TECH NUS, INC.

FIELD ACTIVITY DAILY SAFETY LOG

DATE	7/10/10
NO.	23
SHEET	1 OF 1

PROJECT NAME: NAS Brunswick	PROJECT NO: 112G02063

FIELD ACTIVITY SUBJECT: Sweeping of grids using Schonstedts and Whites, Brush cutting

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0700: Daily Safety briefing, topics covered: PPE, Heat Stress, Weed Eater Safety, and MEC Precautions.

0720: Check out Schonstedts, Whites, and GPS Units. Seed items placed in grids to be swept today.

0745: Start sweep of grids using Schonstedts and Whites and brush cutting

1230: Rain started, continue brush cutting

1400: Check out GPS units.

1630: Instrument check.

1645: Magazine check.

1700: End of day.

Proper PPE was worn, safety followed. No Discrepancies noted

VISITORS ON SITE: None	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None
WEATHER CONDITIONS: 68 degrees, Fog, winds light and variable, himidity99%, high 75 degrees, 60% chance of rain.	IMPORTANT TELEPHONE CALLS: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Frank Montes, Mark Soha, Jake Clement, Norm Piper, Frank Loney, Alfred Smith

SIGNATURE: Glen Childers DATE: 7/10/10

TETRA TECH NUS, INC.

FIELD ACTIVITY DAILY SAFETY LOG

DATE	7/11/10
NO.	24
SHEET	1 OF 1

PROJECT NAME: NAS Brunswick	PROJECT NO: 112G02063

FIELD ACTIVITY SUBJECT: Sweeping of grids using Schonstedts and Whites

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0700: Daily Safety briefing, topics covered: Physical hazards, slips, trips, falls, puncture hazards, PPE, Heat Stress, and MEC Precautions.

0720: Check out Schonstedts, Whites, and GPS Units. Seed items placed in grids to be swept today.

0745: Start sweep of grids using Schonstedts and Whites. Observed team sweeping grid, proper safety precautions taken.

0915: The sweep team located a fuze, type unknown (MPPEH) in grid F6, coordinates N378231.51 E 3017375.41, photo # 73.

0930: The sweep team located a 40 MM Practice Projectile (MPPEH) in grid F6, coordinates N378291.30 E 3017355.45, photo # 74.

1050: The sweep team located an expended M-18 Smoke Grenade (MPPEH) in grid F6, ID # 12S-F6-09, coordinates N378278.43 E 3017316.83, photo # 75.

1100: The sweep team located another expended M-18 Smoke Grenade (MPPEH) in grid F6, ID # 12F6-10, coordinates N 378212.74 E 3017297.05, photo # 76.

1430: The sweep team located an empty 60 MM Mortar (MPPEH) in grid F5, ID # 12S-F5-11, coordinates N 378217.79 E 3017264.13, photo # 77.

1610: The sweep team located a piece of propellant (MPPEH) in grid F5, ID # 12S-F5-12, coordinates N 378286.86 E 3017213.49, photo # 78.

All items located today were safe to move and placed in the holding magazine.

1630: Instrument check.

1645: Magazine check.

1700: End of day.

Proper PPE was worn, safety followed. No Discrepancies noted

VISITORS ON SITE: None	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None
WEATHER CONDITIONS: 70 degrees, cloudy, winds NNE @ 5 – 10, humidity 94%, high 80 degrees, 50% chance of rain	IMPORTANT TELEPHONE CALLS: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Frank Montes, Mark Soha, Jake Clement, Norm Piper, Frank Loney, Alfred Smith

SIGNATURE: Glen Childers DATE: 7/11/10

TETRA TECH NUS, INC.

FIELD ACTIVITY DAILY SAFETY LOG

DATE	7/12/10
NO.	25
SHEET	1 OF 1

PROJECT NAME: NAS Brunswick

PROJECT NO: 112G02063

FIELD ACTIVITY SUBJECT: Sweeping of grids using Schonstedts and Whites

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0700: Daily Safety briefing, topics covered: Safe Work Practices, PPE, Heat Stress, and MEC Precautions.

0720: Check out Schonstedts, Whites, and GPS Units. Seed items placed in grids to be swept today.

0745: Start sweep of grids using Schonstedts and Whites. Observed team sweeping grid, proper safety precautions taken.

0930: The sweep team located a fuze part (MPPEH) in grid F5, ID # 12S-F5-13, coordinates N378259.13 E 3017285.85, photo # 79. The item was safe to transport and was placed in the holding magazine.

1230: GPS check.

1630: Instrument check.

1645: Magazine check.

1700: End of day.

Proper PPE was worn, safety followed. No Discrepancies noted

VISITORS ON SITE: None

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None

WEATHER CONDITIONS: 61 degrees, mostly cloudy, winds S @ 5- 19 humidity (8% high 82

IMPORTANT TELEPHONE CALLS: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Frank Montes, Mark Soha, Jake Clement Norm Piper, Frank Loney, Alfred Smith

SIGNATURE: Glen Childers

DATE: 7/12/10

TETRA TECH NUS, INC.

DATE	7/13/10
NO.	26
SHEET	1 OF 1

FIELD ACTIVITY DAILY SAFETY LOG

PROJECT NAME: NAS Brunswick	PROJECT NO: 112G02063

FIELD ACTIVITY SUBJECT: Sweeping of grids using Schonstedts and Whites

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0700: Daily Safety briefing, topics covered: Safe Work Practices, PPE, Heat Stress, and MEC Precautions.

0720: Check out Schonstedts, Whites, and GPS Units. Seed items placed in grids to be swept today.

0745: Start sweep of grids using Schonstedts and Whites. Observed team sweeping grid, proper safety precautions taken.

1330: GPS check

1630: Instrument check.

1645: Magazine check.

1700: End of day.

Proper PPE was worn, safety followed. No Discrepancies noted

VISITORS ON SITE: None	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None
WEATHER CONDITIONS: 69 degrees, cloudy, winds SSW @ 5 – 10, humidity 96%, high 78 degrees, 20% chance of rain.	IMPORTANT TELEPHONE CALLS: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Frank Montes, Mark Soha, Jake Clement, Norm Piper, Frank Loney, Alfred Smith

SIGNATURE: Glen Childers DATE: 7/13/10

TETRA TECH NUS, INC.

FIELD ACTIVITY DAILY SAFETY LOG

DATE	7/14/10
NO.	27
SHEET	1 OF 1

PROJECT NAME: NAS Brunswick

PROJECT NO: 112G02063

FIELD ACTIVITY SUBJECT: Sweeping of grids using Schonstedts and Whites

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0700: Daily Safety briefing, topics covered: PPE, Heat Stress, Lightning Procedures and MEC Precautions.

0720: Check out Schonstedts, Whites, and GPS Units. Seed items placed in grids to be swept today.

0800: Start sweep of grids using Schonstedts and Whites. Observed team sweeping grid, proper safety precautions taken.

1145: QC'd grids G5 and G6.

1200: Checkout Schonstedts, Whites, and GPS units, no discrepancies noted.

1230: Start preparations for Demo operations

1300: Observed Demo Operations, all safety followed. No discrepancies noted.

1430: Demo complete, clean up.

1500: Equipment Maintenance.

1645: Magazine check.

1700: End of day.

Proper PPE was worn, safety followed. No Discrepancies noted

VISITORS ON SITE: Thomas Smith (NASB FD), Kipp Dombrowski (NASB FD), Limon Ramon (NASB FD), Dave Rinfro (NASB FD), and Scott Lizotte (NASB FD)

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None

WEATHER CONDITIONS: 66 degrees, Rain, Winds NNE @ 5 – 10, Humidity 99%, High 74 degrees, 80% chance of rain

IMPORTANT TELEPHONE CALLS: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Frank Montes, Mark Soha, Jake Clement, Norm Piper, Frank Loney, Alfred Smith

SIGNATURE: Glen Childers

DATE: 7/14/10

TETRA TECH NUS, INC.

FIELD ACTIVITY DAILY SAFETY LOG

DATE	7/19/10
NO.	28
SHEET	1 OF 1

PROJECT NAME: NAS Brunswick	PROJECT NO: 112G02063

FIELD ACTIVITY SUBJECT: Sweeping of grids using Schonstedts and Whites

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0700: Daily Safety briefing, topics covered: PPE, Heat Stress, Work/Support Zones, Heavy Equipment Safety, and MEC Precautions.

0720: Check out Schonstedts, Whites, and GPS Units. Seed items placed in grids to be swept today.

0750: Start sweep of grids using Schonstedts and Whites. Observed team sweeping grid, proper safety precautions taken.

0815: Syd Rodgers went to contractor gate to escort excavator into the site.

0915: Skid Loader and Excavator on site.

1000: The sweep team located a 20 MM Projectile (MPPEH) in grid G4, ID # S12-G4-14, coordinates: N 378331.71, E 3017151.12, Photo # 90.

1145: The sweep team located another 20 MM Projectile (MPPEH) in grid F4, ID # S12-F4-15, coordinates N 378216.91 E 3017162.85, Photo # 91.

1330: Start refresher training for personnel on operation of the excavator.

1630: Check out Schonstedts and Whites. Grids completed today: E4, F4, G4, and D5. Grids F4 and G4 were QC'd and found satisfactory. Item S12-G4-14 was placed in the holding magazine, Item S12-F4-15 was left in place and will be blown tomorrow.

1645: Magazine check.

1700: End of day.

Proper PPE was worn, safety followed. No Discrepancies noted

VISITORS ON SITE: None	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None
WEATHER CONDITIONS: 60 degrees, mostly clear, winds S @ 5 – 10, high 79 degrees, humidity 93%, 50% chance of rain.	IMPORTANT TELEPHONE CALLS: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Frank Montes, Mark Soha, Jake Clement, Norm Piper, Frank Loney, Alfred Smith

SIGNATURE: Glen Childers DATE: 7/19/10

TETRA TECH NUS, INC.

FIELD ACTIVITY DAILY SAFETY LOG

DATE	7/20/10
NO.	29
SHEET	1 OF 1

PROJECT NAME: NAS Brunswick

PROJECT NO: 112G02063

FIELD ACTIVITY SUBJECT: Sweeping of grids using Schonstedts and Whites, Demolition operation

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0700: Daily Safety briefing, topics covered: PPE, Heat Stress, Work/Support Zones, Heavy Equipment Safety, and MEC Precautions.

0720: Check out Schonstedts, Whites, and GPS Units. Seed items placed in grids to be swept today.

0750: Start sweep of grids using Schonstedts and Whites. Observed team sweeping grid, proper safety precautions taken

1200: Start refresher training for personnel on skid loader.

1300: The sweep team located an M 904 fuze (MPPEH) in grid B7, ID # S12-B7-16, coordinates N 377832.68 E 3017448.59, photo # 96. Item placed in holding magazine.

1400: Check out Schonstedts, Whites, and GPS Units. No discrepancies noted. Start preparations for Demolition to dispose of item S12-F4-15

1530: Demo operations complete and successful. All safety rules followed and proper PPE worn, no discrepancies noted

1545: Grids completed today: D6, D7, and B7. Grids E4, D4, D5, D6, and D7 were QC'd and found satisfactory, no discrepancies noted.

1645: Magazine check.

1700: End of day.

A risk assessment was completed for the trenching operation starting tomorrow. The risk is minor.

A risk assessment was completed for Linda Klink's visit starting tomorrow, the risk is negligible.

VISITORS ON SITE: Randal Morin (NSAB FD), William Price (NASB FD), Mike Nicholas (NASB FD), Kipp Dombrowski (NASB FD), Peter Moore (NASB FD), Michael Demers (NASB FD), Scott Lizutte (NASB FD), Lawrence Mayer (NASB FD), Limon Ramon (NASB FD)

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None

WEATHER CONDITIONS: 64 degrees, mostly clear, winds light and variable, humidity 96%, high 80 degrees.

IMPORTANT TELEPHONE CALLS: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Frank Montes, Mark Soha, Jake Clement, Norm Piper, Frank Loney, Alfred Smith

SIGNATURE: Glen Childers

DATE: 7/20/10

TETRA TECH NUS, INC.

FIELD ACTIVITY DAILY SAFETY LOG

DATE	7/21/10
NO.	30
SHEET	1 OF 1

PROJECT NAME: NAS Brunswick

PROJECT NO: 112G02063

FIELD ACTIVITY SUBJECT: Trenching operations, sweeping grids with Schonstedts and Whites.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0700: Daily Safety briefing, topics covered: PPE, Heat Stress, Safe Work Procedures, Heavy Equipment Safety, and MEC Precautions.

0720: Check out Schonstedts, Whites, and GPS Units.

0740: Check out heavy equipment and set up for trenching.

0845: Begin trenching operations.

1000: Stop work, Linda Klink and Mike Fagan on site.

1145: Resume work, Linda Klink and Mike Fagan off site. Check out GPS units

1215: Stop work, personnel on site to assemble personnel blast shield.

1415: Resume trenching operations and start sweeping grids with Schonstedts and Whites. Seed items planted in grids to be swept, coordinates: Seed # 1 N 377867.59 E 3017361.38, Seed # 2 N 377806.28 E 3017374.86, Seed # 3 N 377839.33 E 3017288.34.

1600: Grid B6 completed and QC'd. Grid B6 was found to be satisfactory, no discrepancies noted. All seed items in the grids swept today were located by the sweep team.

1620: Trench # 1 complete and QC'd, no discrepancies noted. Start backfill.

1715: Check out Schonstedts and Whites, no discrepancies noted.

1720: Stop work, lightning.

1730: End of day.

The following personnel are qualified to operate the excavator: Syd Rodgers, Mark Soha, and Jake Clemet.

The following personnel are qualified to operate the skid loader: Syd Rodgers, Mark Soha, and Frank Loney.

VISITORS ON SITE: Linda Klink (TTNUS), Mike Fagan (NASB Environmental), Chris Libly (Glass Pro), Stanley Watts (Glass Pro), Jason Sperry (United Rentals)

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None

WEATHER CONDITIONS: 61 degrees, partly cloudy, winds SE @ 5 – 10, Humidity 94%, high 78 degrees, 30% chance of rain.

IMPORTANT TELEPHONE CALLS: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Frank Montes, Mark Soha, Jake Clement, Norm Piper, Frank Loney, Alfred Smith

SIGNATURE: Glen Childers

DATE: 7/21/10

TETRA TECH NUS, INC.

FIELD ACTIVITY DAILY SAFETY LOG

DATE	7/22/10
NO.	31
SHEET	1 OF 1

PROJECT NAME: NAS Brunswick

PROJECT NO: 112G02063

FIELD ACTIVITY SUBJECT: Trenching operations, sweeping grids with Schonstedts and Whites.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0700: Daily Safety briefing, topics covered: PPE, Heat Stress, Heavy Equipment Safety, and MEC Precautions.

0720: Check out Schonstedts, Whites, and GPS Units.

0740: Check out heavy equipment and set up for trenching.

0800: Complete back fill of Trench # 1.

0845: Start excavation of Trench # 6.

1130: Stop work on Trench # 6, ground is to wet for equipment to operate safely. All personnel to sweeping grids.

1200: Check out GPS units.

1600: Stop work, check out Schonstedts and Whites, no discrepancies noted. Perform maintenance on equipment.

1645: Magazine Check.

1730: End of day.

The following personnel are qualified to operate the excavator: Frank Loney and Norm Piper.

The following personnel are qualified to operate the skid loader: Norm Piper

VISITORS ON SITE: None

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None

WEATHER: 63 degrees, mostly clear, winds WNW @ 10 – 20. Humidity 97%, high 78 degrees, 10% chance of rain.

IMPORTANT TELEPHONE CALLS: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Frank Montes, Mark Soha, Jake Clement, Norm Piper, Frank Loney, Alfred Smith

SIGNATURE: Glen Childers

DATE: 7/22/10

TETRA TECH NUS, INC.

FIELD ACTIVITY DAILY SAFETY LOG

DATE	7/23/10
NO.	32
SHEET	1 OF 1

PROJECT NAME: NAS Brunswick

PROJECT NO: 112G02063

FIELD ACTIVITY SUBJECT: Trenching operations, sweeping grids with Schonstedts and Whites.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0700: Daily Safety briefing, topics covered: PPE, Heat Stress, insect/ticks, and MEC Precautions.

0720: Check out Schonstedts, Whites, and GPS Units. Check out equipment.

0750: Start sweeping grids with Schonstedts and Whites, start trenching

1000: Trench # 6 complete and QC'd, no discrepancies noted. Start Trench # 4.

1200: Check out GPS units.

1430: New skid loader on site.

1530: Trench # 4 complete and QC'd, no discrepancies noted. Start backfill of trenches.

1630: Stop work, check out Schonstedts and Whites, no discrepancies noted.

1645: Magazine Check.

1730: End of day.

The following person is qualified to operate the excavator: Alfred Smith

VISITORS ON SITE: None

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None

WEATHER: 63 degrees, mostly clear, winds WSW @ 5 – 10 Humidity 84%, high 80 degrees, 20% chance of rain.

IMPORTANT TELEPHONE CALLS: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Frank Montes, Mark Soha, Jake Clement, Norm Piper, Frank Loney, Alfred Smith

SIGNATURE: Glen Childers

DATE: 7/23/10

TETRA TECH NUS, INC.

FIELD ACTIVITY DAILY SAFETY LOG

DATE	7/24/10
NO.	33
SHEET	1 OF 1

PROJECT NAME: NAS Brunswick

PROJECT NO: 112G02063

FIELD ACTIVITY SUBJECT: Trenching operations, sweeping grids with Schonstedts and Whites.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0700: Daily Safety briefing, topics covered: PPE, Heat Stress, insect/ticks, and MEC Precautions.

0720: Check out Schonstedts, Whites, and GPS Units. Check out equipment.

0750: Start sweeping grids with Schonstedts and Whites, start trenching

1000: Trench # 2 complete and QC'd, no discrepancies noted. Start Trench # 3.

1200: Check out GPS units.

1330: Trench # 3 completed and QC'd, no discrepancies noted. Start Trench # 9.

1600: Trench # 9 completed and QC'd, no discrepancies noted.

1630: Stop work, check out Schonstedts and Whites, no discrepancies noted.

1645: Magazine Check.

1730: End of day.

All safety precautions were taken and proper PPE worn for the task being performed.

VISITORS ON SITE: None

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None

WEATHER: 66 degrees, cloudy, winds ESE @ 5 – 10 Humidity 94%, high 74 degrees, 20% chance of rain.

IMPORTANT TELEPHONE CALLS: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Frank Montes, Mark Soha, Jake Clement, Norm Piper, Frank Loney, Alfred Smith

SIGNATURE: Glen Childers

DATE: 7/24/10

TETRA TECH NUS, INC.

FIELD ACTIVITY DAILY SAFETY LOG

DATE	7/25/10
NO.	34
SHEET	1 OF 1

PROJECT NAME: NAS Brunswick

PROJECT NO: 112G02063

FIELD ACTIVITY SUBJECT: Sweeping grids with Schonstedts and Whites.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0700: Daily Safety briefing, topics covered: PPE, Heat Stress, and MEC Precautions.

0720: Check out Schonstedts, Whites, and GPS Units.

0750: Start sweeping grids with Schonstedts and Whites. No trenching today because of wet ground.

0834: The sweep team located a Practice 81 MM Mortar (MPPEH) in grid H2, Item # S12-H2-17, coordinates; N 378464.71 E 3016950.53, Photo # 116.

0915: The sweep team located an empty 75 MM projectile (MPPEH) in grid G3, Item # S12-G3-18, coordinates: N 378416.31 E 3017025.65, Photo # 117.

1100: The sweep team located another empty 75 MM Projectile (MPPEH) in grid G3, Item # S12-G3-19, coordinates: N 378352.23 E 3017069.79, Photo # 118.

1200: The sweep team located a tail fuze AN-MK 228 (MEC) in grid G2, Item # S12-G2-20, coordinates: N 378343.20 E 3016874.95, Photo # 119.

1300: Grids G2, G3, and H2 completed and QC'd. Grids were found satisfactory, no discrepancies noted.

1330: Check out Schonstedts, Whites, and GPS units, no discrepancies noted.

1350: Magazine Check.

1400: End of day.

All safety precautions were taken and proper PPE worn for the task being performed.

VISITORS ON SITE: None	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None
WEATHER: 64 degrees, rain, winds WNW @ 10 – 15 Humidity 100%, high 83 degrees, 50% chance of thunderstorms.	IMPORTANT TELEPHONE CALLS: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Frank Montes, Mark Soha, Jake Clement, Norm Piper, Frank Loney, Alfred Smith

SIGNATURE: Glen Childers

DATE: 7/25/10

TETRA TECH NUS, INC.

FIELD ACTIVITY DAILY SAFETY LOG

DATE	7/26/10
NO.	35
SHEET	1 OF 1

PROJECT NAME: NAS Brunswick	PROJECT NO: 112G02063
FIELD ACTIVITY SUBJECT: Trenching operations	

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0700: Daily Safety briefing, topics covered: PPE, Heat Stress, and MEC Precautions.

0720: Check out Schonstedts, Whites, and GPS Unit, and equipment.

0750: Start digging Trench 7

1100: Trench 7 completed and QC'd, no discrepancies noted. The following items were recovered from Trench 7: 75 MM projectile base (MPPEH), 1 inch deep, Item # S12-trench 7-21, coordinates N 378271.15 E 3017331.06, Photo # 120. Frag (MPPEH), 18 inches deep, Item # S12-trench 7-22, coordinates N 378221.46 E 3017326.33, Photo # 121. Ballistic shield (MPPEH), 24 inches deep, Item # S12-trench 7-23, coordinates N 378221.46 E 3017325.36, Photo # 122. Frag (MPPEH), 8 inches deep, Item # S12-trench 7-24, coordinates N 378225.82 E 3017323.60, Photo # 123. 40 MM cartridge base (MPPEH), 6 inches deep, Item # S12-trench 7-25, coordinates N 378228.08 E 3017320.70, Photo # 124. Ejection cartridge bases (MPPEH) 3 inches deep, Item # S12-trench 7-26, N 378230.36 E 3017320.35, Photo # 125

1200: Start Trench 8.

1330: A fuze type unknown (MPPEH), 8 inches deep, Item # S12-trench 8-27, coordinates N 378253.99 E 3017323.13, Photo # 126.

1600: Trench 8 completed and QC'd and found satisfactory, no discrepancies noted. The following additional items were located in Trench 8: A 37 MM cartridge base (MPPEH), 18 inches deep, Item # S12-trench 8-28, coordinates N 378251.46 E 3017324.59, Photo # 127, A rocket motor (MPPEH), 30 inches deep, Item # S12-trench 8-29, coordinates N 378246.42 E 3017330.32, Photo # 128, and a rocket motor venture (MPPEH), 24 inches deep, Item # S12-trench 8-30, coordinates N 378239.81 E 3017333.44, Photo # 129.

1630: Check out Schonstedts and Whites

1645: Magazine check.

1700: End of day.

All safety precautions were taken and proper PPE worn for the task being performed

VISITORS ON SITE: None	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None
WEATHER: 55 degrees, mostly clear, winds WNW @ 15 – 25, humidity 96 %, high 80 degrees.	IMPORTANT TELEPHONE CALLS: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Frank Montes, Mark Soha, Jake Clement, Norm Piper, Frank Loney, Alfred Smith

SIGNATURE: Glen Childers DATE: 7/26/10

TETRA TECH NUS, INC.

FIELD ACTIVITY DAILY SAFETY LOG

DATE	7/~~26~~ 27/10
NO.	36
SHEET	1 OF 1

PROJECT NAME: NAS Brunswick	PROJECT NO: 112G02063

FIELD ACTIVITY SUBJECT: Trenching operations and demolition operations.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0700: Daily Safety briefing, topics covered: PPE, Heat Stress, equipment safety, and MEC Precautions.

0720: Check out Schonstedts, Whites, GPS Unit, and equipment.

0750: Start excavation of Trench # 5.

1100: Trench # 5 completed and QC'd, the trench was found to be satisfactory, no discrepancies noted.

1130: Trench 5 backfill complete, check out Schonstedts, Whites and GPS units.

1200: Start Demo operations.

1430: Fire Department on site to wet down area around fuze before demo.

1600: Demo operations completed. The following items destroyed: Fuze (S12-G2-20), fuze (S12-Trench 8-28), 20 MM Projectile (S12-G4-14), 20 MM Projectile (S12-F4-15), and 60 MM Mortar (S12-F6-11).

1630: Clean Up

1645: Magazine check.

1700: End of day.

All safety precautions were taken and proper PPE worn for the task being performed

VISITORS ON SITE: David McGlynn (NASB FD). Wayne Libbi (NASB FD), Miguel Ortega (NASB FD), and John Levesque (NASB FD)	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None
WEATHER: 59 degrees, clear, winds WNW @ 5 – 10, humidity 83%, high 85 degrees.	IMPORTANT TELEPHONE CALLS: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Frank Montes, Mark Soha, Jake Clement, Norm Piper, Frank Loney, Alfred Smith

SIGNATURE: Glen Childers DATE: 7/27/10

TETRA TECH NUS, INC.

FIELD ACTIVITY DAILY SAFETY LOG

DATE	7/28/10
NO.	37
SHEET	1 OF 1

PROJECT NAME: NAS Brunswick

PROJECT NO: 112G02063

FIELD ACTIVITY SUBJECT: Trenching operations

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0700: Daily Safety briefing, topics covered: PPE, Heat Stress, equipment safety, and MEC Precautions.

0720: Check out Schonstedts, Whites, GPS Unit, and equipment.

0800: Start excavation of Trench # 10. The following items were removed from Trench 10: 2.25 SCAR W/H (MPPEH), 36 inches deep, Item # S12-Trench 10-31, coordinates N 378303.64 E 3017300.48, Photo # 158. 2.75 inch rocket motor venture (MPPEH), 30 inches deep, Item # S12-Trench 10-32, coordinates N 378306.72 E 3017308.90, Photo # 159. Rotating band for a 5 inch projectile (MPPEH), 30 inches deep, Item # S12-Trench 10-33, coordinates N 378295.20 E 3017305.91, Photo # 160. Pieces of bulk HE (MEC), 24 inches deep, Item # S12-Trench 10-34, coordinates N 378292.30 E 3017306.19, Photo # 161. Fuze, type unknown (MPPEH), 18 inches deep, Item # S12-Trench 10-35, coordinates N 378295.03 E 3017302.91, Photo # 162. Naval Mine (MPPEH), 12 inches deep, Item # S12-Trench 10-36, coordinates N 378303.22 E 3017307.78, Photos # 163, 164, and 165. Fuze type UNK (MPPEH), surface, Item # S12-Trench 10-37, coordinates N 378297.16 E 3017326.64, Photo # 166.

1330: Trench 10 complete and QC'd, no discrepancies noted.

1400: Sweep surface around completed trenches to check for anything that might have been brought to the surface.

1615: Stop work, check out Schonstedts, Whites, and GPS Units. No discrepancies noted.

1645: Magazine check.

1700: End of day.

All safety precautions were taken and proper PPE worn for the task being performed.

VISITORS ON SITE: Brion Hall (NASB Explosive Safety Officer), Steven Foard (NASB Safety), and Michael Fagan (NASB Safety)

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None

WEATHER: 57 degrees, clear, winds SSW @ 10 – 20, Humidity 96%, high 85 degrees.

IMPORTANT TELEPHONE CALLS: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Norm Piper, Frank Loney, Alfred Smith

SIGNATURE: Glen Childers

DATE: 7/28/10

TETRA TECH NUS, INC.

FIELD ACTIVITY DAILY SAFETY LOG

DATE	8/2/10
NO.	38
SHEET	1 OF

PROJECT NAME: NAS Brunswick

PROJECT NO: 112G02063

FIELD ACTIVITY SUBJECT: Trenching operations

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0700: Daily Safety briefing, topics covered: PPE, Heat Stress, safe work practice, equipment safety, and MEC Precautions..

0720: Check out Schonstedts, Whites, GPS Unit, and equipment..

0800: Start excavation of Trench # 11.

0830: Start staking out expansion grids.

1600: Trench # 11 completed and QC'd, no discrepancies noted.

1615: Stop work, check out Schonstedts, Whites, and GPS Units. No discrepancies noted.

1645: Magazine check.

1700: End of day.

All safety precautions were taken and proper PPE worn for the task being performed.

VISITORS ON SITE: None

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None

WEATHER: 52 degrees, clear, winds SW 5 – 10, humidity 93%, High 74 degrees, 20 % chance of rain

IMPORTANT TELEPHONE CALLS: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Mark Soha, Frank Montes, Jake Clemet, Norm Piper, Frank Loney, and Alfred Smith

SIGNATURE: Glen Childers

DATE: 8/2/10

TETRA TECH NUS, INC.

FIELD ACTIVITY DAILY SAFETY LOG

DATE	8/3/10
NO.	39
SHEET	1 OF

PROJECT NAME: NAS Brunswick

PROJECT NO: 112G02063

FIELD ACTIVITY SUBJECT: Trenching operations

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0700: Daily Safety briefing, topics covered: PPE, Heat Stress, injuries/illness on site,, equipment safety, and MEC Precautions..

0720: Check out Schonstedts, Whites, GPS Unit, and equipment..

0800: Start excavation of Trench # 12.

0830: Start staking out end points of transects in FMBW Area.

1100: Trench # 12 completed and QC'd, no discrepancies noted. Start broadcasting grass seed in areas torn up during trench excavation.

1115: Norm Piper was stung by a bee in his left ear.

1400: Start sweeping added on areas with Schonstedts and Whites.

1745: Grids K2, L2, and L3 were completed today.

11750: Stop work, check out Schonstedts, Whites, and GPS Units. No discrepancies noted.

1815: Magazine check.

1815: End of day.

All safety precautions were taken and proper PPE worn for the task being performed.

VISITORS ON SITE: None

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None

WEATHER: 52 degrees, 64 degrees, winds S @ 5 – 10, humidity96%, high 78 degrees, 30% chance of rain.

IMPORTANT TELEPHONE CALLS: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Mark Soha, Frank Montes, Jake Clemet, Norm Piper, Frank Loney, and Alfred Smith

SIGNATURE: Glen Childers

DATE: 8/3/10

TETRA TECH NUS, INC.

FIELD ACTIVITY DAILY SAFETY LOG

DATE	8/4/10
NO.	40
SHEET	1 OF

PROJECT NAME: NAS Brunswick

PROJECT NO: 112G02063

FIELD ACTIVITY SUBJECT: Trenching operations

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0700: Daily Safety briefing, topics covered: PPE, Heat Stress, weed eater safety, and MEC Precautions. In addition Initial site safety briefing, New task Briefing, New Site Procedures and New Site Information were covered.

0720: Check out Schonstedts, Whites, and GPS Units..

0745: Start sweeping Grid G1 with Schonstedts and Whites.

0800: The sweep team located a Gator Mine (MPPEH) in Grid G1, Item #S12-G1-38, coordinates N 378336.43 E 3016785.96, Photo # 167. Item left in place and will be blown tomorrow.

0820: Grid G1 completed, move to FMBW. Complete staking out transects and start sweeping transects. Grids G1, K2, L2, and L3 QC'd and found to be satisfactory, no discrepancies noted.

1615: Transects 1 and 2 completed, stop work, check out Schonstedts, Whites and GPS Units.

1455: Magazine check.

1700: End of day.

All safety precautions were taken and proper PPE worn for the task being performed.

VISITORS ON SITE: None

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None

WEATHER: 52 degrees, 70 degrees, cloudy, winds SW @ 15 – 25, Humidity 84%, high 88 degrees, 20% chance of rain.

IMPORTANT TELEPHONE CALLS: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Mark Soha, Frank Montes, Jake Clemet, Norm Piper, Frank Loney, and Alfred Smith

SIGNATURE: Glen Childers

DATE: 8/4/10

TETRA TECH NUS, INC.

FIELD ACTIVITY DAILY SAFETY LOG

DATE	8/5/10
NO.	41
SHEET	1 OF

PROJECT NAME: NAS Brunswick

PROJECT NO: 112G02063

FIELD ACTIVITY SUBJECT: laying out transects and clearing transects to 1 ft.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0700: Daily Safety briefing, topics covered: PPE, Heat Stress, communications, ticks/mosquitoes, and MEC Precautions.

0720: Check out Schonstedts, White, Vallon,, and GPS Units..

0815: Start sweeping transects in FMBW with Schonstedts, White ;and Vallan, continue marking transects and brush cutting as necessary.

0900: QC Transects 1 and 2.

1230-: Start demolitions operations, demil the gaiter mine located yesterday. NASB FD on site for demo.

1430: Demolition operations complete, no discrepancies noted.

1600: Stop work, take equipment to storage bunker.

1455: Magazine check.

1700: End of day.

All safety precautions were taken and proper PPE worn for the task being performed.

VISITORS ON SITE: Michael Demers (NASB FD), John Wilson (NASB FD), Larry Mayer (NASB FD), and Nelson Barter (NASB FD)

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None

WEATHER: 65 degrees, winds SSW @ 5 – 10, Humidity 97%, high 80 degrees, 40% chance of afternoon thunderstorms.

IMPORTANT TELEPHONE CALLS: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Mark Soha, Frank Montes, Jake Clemet, Norm Piper, Frank Loney, and Alfred Smith

SIGNATURE: Glen Childers

DATE: 8/5/10

TETRA TECH NUS, INC.

FIELD ACTIVITY DAILY SAFETY LOG

DATE	8/6/10
NO.	42
SHEET	1 OF

PROJECT NAME: NAS Brunswick

PROJECT NO: 112G02063

FIELD ACTIVITY SUBJECT: sweeping transects in FMBW and digging contacts to 12 inches.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0700: Daily Safety briefing, topics covered: PPE, Heat Stress, and MEC Precautions.

0720: Check out Schonstedts, White, Vallon, and GPS Units..

0815: Start sweeping transects in FMBW with Schonstedts, White, and Vallon, continue marking anomalies.

1300: All transects complete. QC of transects 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, and 13. All transects were satisfactory, no discrepancies noted.

1330: Sweep additional area of Site 12.

1430: Additional area complete, start equipment clean up. QC of additional area, area is satisfactory, no discrepancies noted.

1530: Alfred Smith informed me that he had jammed the middle finger on his left hand on a tree, he did not want to see a doctor.

1530: dig up IVS # 2

1630: stop work.

1645: Magazine check

1700: End of day.

All safety precautions were taken and proper PPE worn for the task being performed.

VISITORS ON SITE: None

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None

WEATHER: 64 degrees, mostly clear, winds W @ 10 – 20, Humidity 100%, high 81 degrees.

IMPORTANT TELEPHONE CALLS: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Mark Soha, Frank Montes, Jake Clemet, Norm Piper, Frank Loney, and Alfred Smith

SIGNATURE: Glen Childers

DATE: 8/6/10

Note: Reports 45 through 48 not provided because relevant only to FMBW and not Site 12.

TETRA TECH NUS, INC.

FIELD ACTIVITY DAILY SAFETY LOG

DATE	8/9/10
NO.	43
SHEET	1 OF

PROJECT NAME: NAS Brunswick	PROJECT NO: 112G02063

FIELD ACTIVITY SUBJECT: sweeping transects in FMBW and digging contacts to 12 inches.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0700: Daily Safety briefing, topics covered: PPE, Heat Stress, New task briefing, and MEC Precautions.

0720: Check out Schonstedts, White, Vallon, and GPS Units.

0745: Review work plan on reacquisition of anomalies.

0815: Pick up stakes and flags from transects.

0900: Start digging anomalies.

1615: stop work, take equipment to storage bunker.

1645: Magazine check

1700: End of day.

All safety precautions were taken and proper PPE worn for the task being performed.

VISITORS ON SITE: None	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None
WEATHER: 68 degrees, cloudy, winds, SSW @ 5 – 20, humidity 88%, high 81 degrees, 30% chance of rain.,	IMPORTANT TELEPHONE CALLS: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Mark Soha, Frank Montes, Jake Clemet, Norm Piper, Frank Loney, and Alfred Smith

SIGNATURE: Glen Childers DATE: 8/9/10

TETRA TECH NUS, INC.

FIELD ACTIVITY DAILY SAFETY LOG

DATE	8/10/10
NO.	44
SHEET	1 OF 1

PROJECT NAME: NAS Brunswick

PROJECT NO: 112G02063

FIELD ACTIVITY SUBJECT: Digging anomalies in FMBW.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS::

A risk assessment was conducted for Thomas Douglas, the risk is negligible.

0700: Daily Safety briefing, topics covered: PPE, Heat Stress, ticks, and MEC Precautions.

0720: Check out Schonstedts, White, Vallon, and GPS Units.

0745: Start digging anomalies. The following anomalies were no contact and considered complete:2, 3, 4, 6, 9, 12, 17, 96 ,21, 22, 97, 98, 23, 26, 27, 29, 30,32, 35, 38, 42, 52, and 55. The following anomalies were completed and QC'd: 3, 24, 52, 81, 80, 78, 76, 75, 72, 70, 71, 104, 67, 64, 63, 105, 60, 69, 74, 79, 82, and 84. No discrepancies noted.

1615: stop work, take equipment to storage bunker.

1645: Magazine check

1700: End of day.

All safety precautions were taken and proper PPE worn for the task being performed.

VISITORS ON SITE: Thomas Douglas (NAVEOD TD)

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None

WEATHER: 66 degrees, winds light and variable, humidity 90 %, high 84, 30% chance of afternoon thunderstorms

IMPORTANT TELEPHONE CALLS: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Mark Soha, Frank Montes, Jake Clemet, Norm Piper, Frank Loney, and Alfred Smith

SIGNATURE: Glen Childers

DATE: 8/10/10

TETRA TECH NUS, INC.

FIELD ACTIVITY DAILY SAFETY LOG

DATE	8/11/10
NO.	45
SHEET	1 OF 1

PROJECT NAME: NAS Brunswick

PROJECT NO: 112G02063

FIELD ACTIVITY SUBJECT: Digging anomalies in FMBW.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS::

A risk assessment was conducted for Thomas Douglas, the risk is negligible.

0700: Daily Safety briefing, topics covered: PPE, Heat Stress, ticks, and MEC Precautions.

0720: Check out Schonstedts, White, Vallon, and GPS Units.

0745: Start digging anomalies. The following anomalies were no contact and considered complete: 19, 45, 65, 68, 69, 73, 74, 77, 79, 82, 83, 84, 85, 86, 87, 88, 91, 92 (no contact), 95. 99. The following anomalies were completed and QC'd: 7, 31, 33, 36, 37, 39, 41, 48, 51, 54, 56, 57, 58, 59, 61, 66, 90, 93, 94, and 109. No discrepancies noted.

1615: stop work, take equipment to storage bunker.

1645: Magazine check

1700: End of day.

All safety precautions were taken and proper PPE worn for the task being performed.

VISITORS ON SITE: Thomas Douglas (NAVEOD TD), Doug Murray (NOSSA)

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None

WEATHER: 63 degrees, clear, winds NNE @ 5 – 10, humidity 93%, high 81 degrees.

IMPORTANT TELEPHONE CALLS: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Mark Soha, Frank Montes, Jake Clemet, Norm Piper, Frank Loney, and Alfred Smith

SIGNATURE: Glen Childers

DATE: 8/11/10

TETRA TECH NUS, INC.

FIELD ACTIVITY DAILY SAFETY LOG

DATE	8/12/10
NO.	46
SHEET	1 OF 1

PROJECT NAME: NAS Brunswick	PROJECT NO: 112G02063

FIELD ACTIVITY SUBJECT: Digging anomalies in FMBW.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS::

0700: Daily Safety briefing, topics covered: PPE, Heat Stress, ticks, and MEC Precautions.

0720: Check out Schonstedts, White, Vallon, and GPS Units.

0745: Start digging anomalies. The following anomalies were no contact and considered complete: 49, 47, 43, 111, and 46. The following anomalies were completed and QC'd: 103, 62, 50, 44, 40, and 89.. No discrepancies noted.

1130: GPS check, start cleaning and packing equipment for demob.

1615: stop work,

1645: Magazine check

1700: End of day.

All safety precautions were taken and proper PPE worn for the task being performed.

VISITORS ON SITE: Thomas Douglas (NAVEOD TD)	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None
WEATHER: 57 degrees, partly cloudy, winds W @ 5 – 10. Humidity 93%, high of 74 degrees.	IMPORTANT TELEPHONE CALLS: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Mark Soha, Frank Montes, Jake Clemet, Frank Loney, and Alfred Smith

SIGNATURE: Glen Childers DATE: 8/12/10

TETRA TECH NUS, INC.

FIELD ACTIVITY DAILY SAFETY LOG

DATE	8/13/10
NO.	47
SHEET	1 OF 1

PROJECT NAME: NAS Brunswick	PROJECT NO: 112G02063

FIELD ACTIVITY SUBJECT: Digging anomalies in FMBW.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS::

0700: Daily Safety briefing, topics covered: PPE, Heat Stress, and MEC Precautions.

0720: Demo Safety Briefing.

0745: Start demolition operations. 6 successful demolition shots. All demolition explosives were expended. All MPPEH material was placed in the explosive magazine awaiting certification to MDAS.

1500: Demolition complete, continue packing for demob.

1700: Truck arrived to pick up excavator and skid loader.

1800: End of day.

All safety precautions were taken and proper PPE worn for the task being performed.

VISITORS ON SITE: Larry Vmaga (NASB FD), Michael Demeo (NASB FD), Scott Lizutte (NASB FD), Nelson Barter (NASB FD), Bill Poixe (NASB FD), Michael Fagan (NASB Env)	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None
WEATHER: 552 degrees, fog, partly cloudy, winds ESE @ 5 – 10, humidity 94%, high 77 degrees	IMPORTANT TELEPHONE CALLS: None

PERSONNEL ON SITE: Syd Rodgers, Glen Childers, Mark Soha, Frank Montes, Frank Loney, and Alfred Smith

SIGNATURE: Glen Childers DATE: 8/13/10

TETRA TECH NUS, INC.

FIELD ACTIVITY DAILY SAFETY LOG

DATE	9/27/10
NO.	48
SHEET	1 OF 1

PROJECT NAME: NAS Brunswick	PROJECT NO: 112G02063

FIELD ACTIVITY SUBJECT: Inspecting MDAS materials

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS::

All MPPEH materials were inspected and certified as MDAS.

All appropriate safety precautions were observed.

VISITORS ON SITE: None	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None
WEATHER: 67 degrees, rain showers	IMPORTANT TELEPHONE CALLS: None

PERSONNEL ON SITE: Syd Rodgers and Glen Childers

SIGNATURE: Glen Childers

DATE: 9/28//10

TETRA TECH NUS, INC.

FIELD ACTIVITY DAILY SAFETY LOG

DATE	9/28/10
NO.	49
SHEET	1 OF 1

PROJECT NAME: NAS Brunswick	PROJECT NO: 112G02063

FIELD ACTIVITY SUBJECT: Inspecting MDAS materials

DESCRIPTION OF DAILY ACTIVITIES AND EVENT

All MDAS materials were re inspected and counted. All small items were placed in drum and sealed.

All safety precautions were followed.

VISITORS ON SITE: None	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None
WEATHER: 70 degrees, sunny	IMPORTANT TELEPHONE CALLS: None

PERSONNEL ON SITE: Syd Rodgers and Glen Childers

SIGNATURE: Glen Childers

DATE: 9/28//10

TETRA TECH NUS, INC.

FIELD ACTIVITY DAILY SAFETY LOG

DATE	9/29/10
NO.	50
SHEET	1 OF 1

PROJECT NAME: NAS Brunswick	PROJECT NO: 112G02063

FIELD ACTIVITY SUBJECT: Inspecting MDAS materials

DESCRIPTION OF DAILY ACTIVITIES AND EVENT

Locate/rent equipment and supplies for palletizing and banding MDAS materials.

Locate and purchase white pin flags to mark boundary of quarry.

All safety precautions were followed.

VISITORS ON SITE: None	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None
WEATHER: 70 degrees, sunny	IMPORTANT TELEPHONE CALLS: None

PERSONNEL ON SITE: Syd Rodgers and Glen Childers

SIGNATURE: Glen Childers

DATE: 9/29//10

Tetra Tech, TETRA TECH NUS, INC.

FIELD ACTIVITY DAILY SAFETY LOG

DATE	9/30/10
NO.	51
SHEET	1 OF 1

PROJECT NAME: NAS Brunswick	PROJECT NO: 112G02063

FIELD ACTIVITY SUBJECT: Inspecting MDAS materials

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

Forklift delivered to load MDAS and storage magazines.

Palletize MDAS materials and stage for shipment.

Load and ship storage magazines.

All safety precautions were followed.

VISITORS ON SITE: None	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None
WEATHER: 70 degrees, showers	IMPORTANT TELEPHONE CALLS: None

PERSONNEL ON SITE: Syd Rodgers and Glen Childers

SIGNATURE: Glen Childers

DATE: 9/30//10

TETRA TECH NUS, INC.

FIELD ACTIVITY DAILY SAFETY LOG

DATE	10/1/10
NO.	52
SHEET	1 OF 1

PROJECT NAME: NAS Brunswick	PROJECT NO: 112G02063
FIELD ACTIVITY SUBJECT: Inspecting MDAS materials	

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:.

Mark boundaries of Quarry with white pin flags for dig permit.

All safety precautions were followed.

VISITORS ON SITE: None	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: None
WEATHER: 70 degrees, showers	IMPORTANT TELEPHONE CALLS: None
PERSONNEL ON SITE: Syd Rodgers and Glen Childers	
SIGNATURE: Glen Childers	DATE: 10/1//10

TETRA TECH
MRP FF.21
DAILY SAFETY LOG

Facility/Location: **Former NAS Brunswick Maine**

Site(s): **The Quarry and Site 12**

FIELD ACTIVITY SUBJECT:MEC Time Critical Removal Action	**Date**	9/19/2011
PROJECT NO.: 112G00645	**TASK CODES**:0000.2204	

SUMMARY OF DAILY ACTIVITIES AND EVENTS:

All personnel Mobilized on 9/18/2011.

Conducted 8 hr Site Specific Training for all personnel.

Met with POC at Former NAS Brunswick to gain access to all required gates.

Performed site walks of Site 12 and Quarry site with all personnel.

Formulated a plan of attack for Quarry Site which will be our first objective.

Checked location of buried power lines at the Quarry site. At this time it does not look like it will impact our work.

VISITORS ON SITE (indicate if received Site-Specific raining):

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:

WEATHER CONDITIONS: (67temp, 5-10mph wind, 43%humidity,0 precipitation)	**IMPORTANT TELEPHONE CALLS**:

PERSONNEL ON SITE: Syd Rodgers, Peter Dummitt, Frank Montes, Nick Brantley, Shaun Woods, James Corder, Norm Piper

SIGNATURE: Peter Dummitt Peter Dummitt **DATE**: 9/19/2011

Last Revised: 2/18/2011

TETRA TECH
MRP FF.21
DAILY SAFETY LOG

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

FIELD ACTIVITY SUBJECT:MEC Time Critical Removal Action	**Date**	10/22/2011
PROJECT NO.: 112G00645	**TASK CODES**:0000.2204	

SUMMARY OF DAILY ACTIVITIES AND EVENTS:

0700 All personnel Tailgate safety meeting at the IVS. Reminded personnel about proper PPE, and drink plenty of water keep hydrated. Safe work practices. Route to Hospital. Slips, trips and falls.

Checked all instruments at the IVS. All instruments functional.

Performed GPS QC checks.

Quarry: Moved road barrier on East side of work area out another 100ft due to the step out transect..

Started and completed Vegetation Management of transect on line between Grids A-6 and A-7

All personal using proper cutting techniques.

Started and completed Detector Aided Surface Survey of transect on line between Grids A-6 and A-7.

Manual Intrusive Ops. of remaining anomalies in Grid A-6

Team observing all safety precautions. Proper PPE being used.

Removed Quarry IVS.

Site 12: Moved to Site 12, installed new IVS at Site 12

1630 Stopped field operations. Clean up equipment and secured them for the day.

1700 All personnel secured for the day.

VISITORS ON SITE (indicate if received Site-Specific training): None

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:

WEATHER CONDITIONS: (62° temp, 5-15 mph wind, 42% humidity, Mostly sunny becoming Cloudy late afternoon)	**IMPORTANT TELEPHONE CALLS**:

PERSONNEL ON SITE: Syd Rodgers, Peter Dummitt, Frank Montes, Nick Brantley, Shaun Woods, James Corder

SIGNATURE: Peter Dummitt Peter Dummitt **DATE**: 10/22/2011

TETRA TECH
MRP FF.21
DAILY SAFETY LOG

Facility/Location: **Former NAS Brunswick Maine**

Site(s): **The Quarry and Site 12**

FIELD ACTIVITY SUBJECT:MEC Time Critical Removal Action	**Date**	10/23/2011
PROJECT NO.: 112G00645	**TASK CODES**:0000.2204	

SUMMARY OF DAILY ACTIVITIES AND EVENTS:

0700 All personnel Tailgate safety meeting at the IVS. Reminded personnel about proper PPE, and drink plenty of water keep hydrated. Safe work practices.

Checked all instruments at the IVS. All good.

Performed GPS QC checks at control points.

Road barrier and Bravo Flags at work area in place.

Placement of stakes with GPS unit around work areas was started.

Team observing all safety precautions. Proper PPE being used.

1630 Stopped field operations. Equipment secured them for the day.

1700 All personnel secured for the day.

VISITORS ON SITE (indicate if received Site-Specific training): None

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:

WEATHER CONDITIONS: (57° temp, 5-10 mph wind, 38% humidity, Mostly sunny)	**IMPORTANT TELEPHONE CALLS**:

PERSONNEL ON SITE: Syd Rodgers, Peter Dummitt, Frank Montes, Nick Brantley, Shaun Woods, James Corder

SIGNATURE: Peter Dummitt Peter Dummitt **DATE**: 10/23/2011

TETRA TECH
MRP FF.21
DAILY SAFETY LOG

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

FIELD ACTIVITY SUBJECT:MEC Time Critical Removal Action	**Date**	10/24/2011
PROJECT NO.: 112G00645	**TASK CODES**:0000.2204	

SUMMARY OF DAILY ACTIVITIES AND EVENTS:

0700 All personnel Tailgate safety meeting at the IVS. Reminded personnel about proper PPE, Safe work distance for power tools and drink plenty of water keep hydrated. Safe work practices.

Checked all instruments at the IVS. All good.

Performed GPS QC checks at control points at the Quarry. Confirmed GPS QC points at Site 12 and will be using those during site 12 operations moving forward.

Road barrier and Bravo Flags at work area in place.

Started cutting wetlands at Site 12

Team observing all safety precautions. Proper PPE being used.

1630 Stopped field operations. Equipment secured them for the day.

1700 All personnel secured for the day.

VISITORS ON SITE (indicate if received Site-Specific training): None

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:

WEATHER CONDITIONS: (55° temp, 5-10 mph wind, 38% humidity, Partly sunny)	**IMPORTANT TELEPHONE CALLS**:

PERSONNEL ON SITE: Syd Rodgers, Peter Dummitt, Frank Montes, Nick Brantley, Shaun Woods, James Corder

SIGNATURE: Peter Dummitt Peter Dummitt **DATE**: 10/24/2011

TETRA TECH
MRP FF.21
DAILY SAFETY LOG

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

FIELD ACTIVITY SUBJECT: MEC Time Critical Removal Action	**Date**	10/25/2011
PROJECT NO.: 112G00645	**TASK CODES**:0000.2204	

SUMMARY OF DAILY ACTIVITIES AND EVENTS:

0700 All personnel Tailgate safety meeting at the IVS. Reminded personnel about proper PPE, Safe work distance for power tools and drink plenty of water keep hydrated. Safe work practices. Slips trips and falls.

Checked all instruments at the IVS. All good.

Performed GPS QC checks at control points at Site 12.

Road barrier and Bravo Flags at work area in place.

Continue cutting wetlands at Site 12

Team observing all safety precautions. Proper PPE being used.

1630 Stopped field operations. Equipment secured them for the day.

1700 All personnel secured for the day.

VISITORS ON SITE (indicate if received Site-Specific training): None

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:

WEATHER CONDITIONS: (56° temp, 10-20 mph wind, 32% humidity, Partly Cloudy)	**IMPORTANT TELEPHONE CALLS**:

PERSONNEL ON SITE: Syd Rodgers, Peter Dummitt, Frank Montes, Nick Brantley, Shaun Woods, James Corder

SIGNATURE: Peter Dummitt Pete Dummitt **DATE**: 10/25/2011

TETRA TECH
MRP FF.21
DAILY SAFETY LOG

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

FIELD ACTIVITY SUBJECT:MEC Time Critical Removal Action	**Date**	10/26/2011
PROJECT NO.: 112G00645	**TASK CODES**:0000.2204	

SUMMARY OF DAILY ACTIVITIES AND EVENTS:

0700 All personnel Tailgate safety meeting at the IVS. Reminded personnel about proper PPE, Safe dig techniques and drink plenty of water keep hydrated. Safe work practices. Slips trips and falls.

Checked all instruments at the IVS. All good.

Performed GPS QC checks at control points at Site 12.

Road barrier and Bravo Flags at work area in place at Quarry.

Started and completed anomaly intrusive operation at the Quarry Area B

Team observing all safety precautions. Proper PPE being used.

1545 Stopped field operations.

1620 Equipment secured for the day and rental equipment returned to local vender for shop maintenance and site cleanup.

1700 All personnel secured for the day. Will be back to work on 10/31/2011

VISITORS ON SITE (indicate if received Site-Specific training): None

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:

WEATHER CONDITIONS: (52° temp, 5-15 mph wind, 62% humidity, Partly Sunny)	**IMPORTANT TELEPHONE CALLS**:

PERSONNEL ON SITE: Syd Rodgers, Peter Dummitt, Frank Montes, Nick Brantley, Shaun Woods, James Corder

SIGNATURE: Peter Dummitt Peter Dummitt **DATE**: 10/25/2011

TETRA TECH
MRP FF.21
DAILY SAFETY LOG

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

FIELD ACTIVITY SUBJECT:MEC Time Critical Removal Action	**Date**	11/1/2011
PROJECT NO.: 112G00645	**TASK CODES**:0000.2204	

SUMMARY OF DAILY ACTIVITIES AND EVENTS:

0700 All personnel Tailgate safety meeting at the IVS. Reminded personnel about proper PPE, and drink plenty of water keep hydrated. Safe work practices.

Checked all instruments at the IVS. All good.

Performed GPS QC checks at control points at Site 12.

Road barrier and Bravo Flags at work area in place.

Continue cutting wetlands at Site 12.

0900 was notified by the PM (Ms. Linda Klink) that a contractor cleaning out a culvert at the golf course next to the Former NAS Brunswick, ME. Located a suspect munitions item in the ditch that the culvert empty into. Ms. Klink requested we respond to the contractor's location to identify the item and check its condition. The Safety (P. Dummitt) responded to the location. Identification of item is a MK 15 (water/sand filled) practice bomb. No fuze, No firing pin, No spotting cartridge. Case broken open GPS location is 378792.71N by 3013176.53E. Site was caution taped off to aid in the recovery at a later date pending NOSSA authorization. Team returned to normal operations.

Team observing all safety precautions. Proper PPE being used.

1630 Stopped field operations. Equipment secured them for the day.

1700 All personnel secured for the day.

VISITORS ON SITE (indicate if received Site-Specific training): None

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:

WEATHER CONDITIONS: (51° temp, 5 mph wind, 38% humidity, Partly Cloudy)	**IMPORTANT TELEPHONE CALLS**:

PERSONNEL ON SITE: Syd Rodgers, Peter Dummitt, Frank Montes, Nick Brantley, Shaun Woods, James Corder

SIGNATURE: Peter Dummitt *Peter Dummitt* **DATE**: 11/1/2011

TETRA TECH
MRP FF.21
DAILY SAFETY LOG

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

FIELD ACTIVITY SUBJECT: MEC Time Critical Removal Action	**Date**	11/2/2011
PROJECT NO.: 112G00645	**TASK CODES:** 0000.2204	

SUMMARY OF DAILY ACTIVITIES AND EVENTS:

0700 All personnel Tailgate safety meeting at the IVS. Reminded personnel about proper PPE, and drink plenty of water keep hydrated. Safe work practices. A class was held on the MK 15 practice bomb for all personnel.

Checked all instruments at the IVS. All good.

Performed GPS QC checks at control points at Site 12.

Road barrier and Bravo Flags at work area in place.

Started Detector Aided Surface Survey of wetland locations at Site 12. About ½ of the area was swept.

The area around the steep rocky slope was surveyed in as well as a 3 grid area north of the perimeter road on the north end of the site all PPE was utilized properly.

Team observing all safety precautions. Proper PPE being used.

1630 Stopped field operations. Equipment secured them for the day.

1700 All personnel secured for the day.

VISITORS ON SITE (indicate if received Site-Specific training): None

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:

WEATHER CONDITIONS: (52° temp, 5 mph wind, 40% humidity, Mostly Sunny)	**IMPORTANT TELEPHONE CALLS:**

PERSONNEL ON SITE: Syd Rodgers, Peter Dummitt, Frank Montes, Nick Brantley, Shaun Woods, James Corder

SIGNATURE: Peter Dummitt Peter Dummitt **DATE:** 11/2/2011

TETRA TECH
MRP FF.21
DAILY SAFETY LOG

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

FIELD ACTIVITY SUBJECT:MEC Time Critical Removal Action	**Date**	11/3/2011
PROJECT NO.: 112G00645	**TASK CODES**:0000.2204	

SUMMARY OF DAILY ACTIVITIES AND EVENTS:

0700 All personnel Tailgate safety meeting at the IVS. Reminded personnel about proper PPE, and drink plenty of water keep hydrated. Safe work practices.

Checked all instruments at the IVS. All good.

Performed GPS QC checks at control points at Site 12.

Road barrier and Bravo Flags at work area in place.

Continued Detector Aided Surface Survey of wetland locations at Site 12. Remaining area was swept.

Surface sweep of debris piles north of the range.

Team observing all safety precautions. Proper PPE being used.

1630 Stopped field operations. Equipment secured them for the day.

1700 All personnel secured for the day.

VISITORS ON SITE (indicate if received Site-Specific training): None

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:

WEATHER CONDITIONS: (56° temp, 5 mph wind, 30% humidity, Mostly Sunny)	**IMPORTANT TELEPHONE CALLS**:

PERSONNEL ON SITE: Syd Rodgers, Peter Dummitt, Frank Montes, Nick Brantley, Shaun Woods, James Corder

SIGNATURE: Peter Dummitt Peter Dummitt **DATE**: 11/3/2011

TETRA TECH
MRP FF.21
DAILY SAFETY LOG

Facility/Location: **Former NAS Brunswick Maine**

Site(s): **The Quarry and Site 12**

FIELD ACTIVITY SUBJECT: MEC Time Critical Removal Action	**Date**	11/4/2011
PROJECT NO.: 112G00645	**TASK CODES:** 0000.2204	

SUMMARY OF DAILY ACTIVITIES AND EVENTS:

0700 All personnel Tailgate safety meeting at the IVS. Reminded personnel about proper PPE, and drink plenty of water keep hydrated. Safe work practices.

Checked all instruments at the IVS. All good.

Performed GPS QC checks at control points at Site 12.

Road barrier and Bravo Flags at work area in place.

Visual inspection of rock face West side of Site 12

0930 safety brief was given to Federal and State Regulators

Team observing all safety precautions. Proper PPE being used.

Started site cleanup in preparation of Demobilization

1630 Stopped field operations.

1700 All personnel secured for the day.

VISITORS ON SITE (indicate if received Site-Specific training): Robert LeCler Navy CSO, Stephen Dakin Navy CSO, Mike Daly USEPA, Bill Banaon USEPA, Chuck Race Tetra Tech, Chris Evans MEDEP and Claudia Sait MEDEP

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:

WEATHER CONDITIONS: (46° temp, 5 - 10 mph wind, 30% humidity, Mostly Sunny)	**IMPORTANT TELEPHONE CALLS:**

PERSONNEL ON SITE: Syd Rodgers, Peter Dummitt, Frank Montes, Nick Brantley, Shaun Woods, James Corder

SIGNATURE: Peter Dummitt Peter Dummitt **DATE:** 11/4/2011

TETRA TECH
MRP FF.21
DAILY SAFETY LOG

Facility/Location: **Former NAS Brunswick Maine**

Site(s): **The Quarry and Site 12**

FIELD ACTIVITY SUBJECT:MEC Time Critical Removal Action		**Date**	11/5/2011
PROJECT NO.: 112G00645	**TASK CODES**:0000.2204		

SUMMARY OF DAILY ACTIVITIES AND EVENTS:

0700 All personnel Tailgate safety meeting at the IVS. Reminded personnel about proper PPE, and drink plenty of water keep hydrated. Safe work practices.

Continued site preparation for demob.

Nick Brantley, Shaun Woods, James Corder. Demobilized today.

1130 Stopped field operations.

12:00 Packed up all equipment transported to Fed-Ex for shipment.

VISITORS ON SITE (indicate if received Site-Specific training): None

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:

WEATHER CONDITIONS: (51° temp, 5 - 10 mph wind, 30% humidity, Mostly Sunny)	**IMPORTANT TELEPHONE CALLS**:

PERSONNEL ON SITE: Syd Rodgers, Peter Dummitt, Frank Montes

SIGNATURE: Peter Dummitt **DATE**: 11/5/2011

TETRA TECH
MRP FF.21
DAILY SAFETY LOG

Facility/Location: **Former NAS Brunswick Maine**

Site(s): **The Quarry and Site 12**

FIELD ACTIVITY SUBJECT: MEC Time Critical Removal Action	**Date**	11/7/2011
PROJECT NO.: 112G00645	**TASK CODES:** 0000.2204	

SUMMARY OF DAILY ACTIVITIES AND EVENTS:

0700 All personnel Tailgate safety meeting at the IVS. Reminded personnel about proper PPE, and drink plenty of water keep hydrated. Safe work practices. Demo Safety

Moved Road barrier and Bravo Flags at site 12 to Quarry and put them in place.

Was informed that demo operations will be performed tomorrow due a delay in the shipment of explosives.

Two hours for show.

0900 All personnel secured for the day.

VISITORS ON SITE (indicate if received Site-Specific training): None

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:

WEATHER CONDITIONS: (59° temp, 5 mph wind, 32% humidity, Mostly Sunny)	**IMPORTANT TELEPHONE CALLS:**

PERSONNEL ON SITE: Syd Rodgers, Peter Dummitt, Frank Montes

SIGNATURE: Peter Dummitt **DATE:** 11/7/2011

B.6 TAILGATE SAFETY

TETRA TECH NUS, INC.

Project: 112G02063			
Safety Meeting Training Record			
Date: _6/2/10_____		**Location: NAS Brunswick, ME**	
Time: ___0700_____		**Team #: _1_____**	
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
Syd Rodgers	Syd Rodgers	SUXSO
Frank Montes	Frank Montes	Tech III
Mark Soha	Mark Soha	Tech III
Norm Piper	Norm Piper	Tech I
Frank Loney	Frank Loney	Tech I
Alfred Smith	Alfred Smith	Tech I

Briefing Given By:

Name	Signature	Position
Glen Childers		Safety/QC

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response/Equipment
	Physical Hazards		On-Site Injuries/Illness
	Chemical/Biological Hazards	X	Reporting Procedures
X	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 Training		Confined Spaces
X	MEC Precautions	X	Other: Lightning procedures

4. Remarks:

62°, CLOUDY, WINDS SE @ 5-10 MPH, HUMIDITY 91%

HIGH 74, 10% CHANCE OF RAIN

TETRA TECH NUS, INC.

Project: 112G02063	
Tailgate Safety Briefing	
Date: _6/7/10_____	**Location: NAS Brunswick**
Time: ____0900_____	**Team #: _1_____**

1. Reason for Briefing:

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

2. Personnel Attending

Name	Signature	Position
Jeff Fournier		UXO Site Manager
Syd Rogers		SUXOS

Briefing Given By:

Name	Signature	Position
Glen Childers		Safety/QC

TETRA TECH NUS, INC.

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/Illness
	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	X	Evacuation/Egress Procedures
	Air Monitoring	X	Communications
	Task Training		Confined Spaces
X	OE Precautions	X	Other: Ticks, Snakes

4. Remarks:

TETRA TECH NUS, INC.

Project: 112G02063

Tailgate Safety Briefing

Date: _6/8/10_____ **Location: NAS Brunswick**

Time: _____ **Team #: _1_____**

1. Reason for Briefing:

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

2. Personnel Attending

Name	Signature	Position
Jeff Fournier		UXO Site Manager
Syd Rogers		SUXOS
Frank Monties		Tech III
Mark Soha		Tech III
Ed Alder		Tech II

Briefing Given By:

Name	Signature	Position
Glen Childers		Safety/QC

TETRA TECH NUS, INC.

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/Illness
	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	X	Evacuation/Egress Procedures
	Air Monitoring	X	Communications
	Task Training		Confined Spaces
X	OE Precautions	X	Other: Ticks, Snakes

4. Remarks:

48°, MOSTLY SUNNY AM, POSSIBLE THUNDER STORMS

PM, HIGH 65°, WINDS WNW @ 10-15 MPH

TETRA TECH NUS, INC.

Name	Signature	Position
Norm Piper	N L Pi	Tech I
Frank Loney	Frank Loney	Tech I
Alfred Smith	AF S	Tech I
Peter Dunmitt	Peter Dunmitt	UXOSO/QC

TETRA TECH NUS, INC.

Project: 112G02063			
Tailgate Safety Briefing			
Date: _6/9/10_____		**Location: NAS Brunswick**	
Time: ___0700_____		**Team #: _1_____**	
1. Reason for Briefing:			
X	Daily Safety Briefing	x	New Site Procedure
	Initial Safety Briefing		New Site Information
X	New Task Briefing		Review of Site Information
	Periodic Safety Meeting		Other: (Specify)

2. Personnel Attending

Name	Signature	Position
Jeff Fournier		UXO Site Manager
Syd Rodgers		SUXOS
Frank Monties		Tech III
Mark Soha		Tech III
Ed Alder		Tech II

Briefing Given By:

Name	Signature	Position
Glen Childers		Safety/QC

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)

	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response/Equipment
X	Physical Hazards		On-Site Injuries/Illness
	Chemical/Biological Hazards		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
	Task Training		Confined Spaces
X	OE Precautions	X	Other: Ticks

4. Remarks:

43° SUNNY, WINDS SW @ 5-10, HIGH 69, HUMIDITY 94%

10% CHANCE OF RAIN

SLIPS, TRIPS, FALLS,

TETRA TECH NUS, INC.

Name	Signature	Position
Norm Piper		Tech I
Frank Loney		Tech I
Alfred Smith		Tech I

TETRA TECH NUS, INC.

Project: 112G02063			
Tailgate Safety Briefing			
Date: _6/10/10_____		**Location: NAS Brunswick**	
Time: ___0700_____		**Team #: _1_____**	
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
Jeff Fournier		UXO Site Manager
Syd Rodgers		SUXOS
Frank Montes		Tech III
Mark Soha		Tech III
Ed Alder		Tech II

Briefing Given By:

Name	Signature	Position
Glen Childers		Safety/QC

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)

	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response/Equipment
X	Physical Hazards		On-Site Injuries/Illness
	Chemical/Biological Hazards		Reporting Procedures
	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
	Task Training		Confined Spaces
X	OE Precautions		Other:

4. Remarks:

54°, WINDS ESE @ 5-10 MPH, RAIN BECOMING INTERMITTENT IN PM, HIGH 57°, HUMIDITY 91%

TETRA TECH NUS, INC.

Name	Signature	Position
Norm Piper		Tech I
Frank Loney		Tech I
Alfred Smith		Tech I

TETRA TECH NUS, INC.

Project: 112G02063

Tailgate Safety Briefing

Date: _6/11/10_____ **Location: NAS Brunswick**

Time: ___0700_____ **Team #: _1_____**

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
Jeff Fournier		UXO Site Manager
Syd Rodgers		SUXOS
Frank Montes		Tech III
Mark Soha		Tech III
Ed Alder		Tech II

Briefing Given By:

Name	Signature	Position
Glen Childers		Safety/QC

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)

	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response/Equipment
X	Physical Hazards		On-Site Injuries/Illness
	Chemical/Biological Hazards		Reporting Procedures
	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		Communications
	Task Training		Confined Spaces
X	OE Precautions		Other:

4. Remarks:

44°, MOSTLY SUNNY, WINDS SSW @ 5-10 MPH, HIGH 69°

HUMIDITY 98%

TETRA TECH NUS, INC.

Name	Signature	Position
Norm Piper		Tech I
Frank Loney		Tech I
Alfred Smith		Tech I

TETRA TECH NUS, INC.

Project: 112G02063

Tailgate Safety Briefing

Date: _6/12/10 _____ **Location: NAS Brunswick**

Time: ___0700_____ **Team #:** _1_____

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	X	Other: (Specify) LIGHTNING PROCEDURES

2. Personnel Attending

Name	Signature	Position
Syd Rodgers	Syd Rodgers	SUXOS
Frank Montes	Frank Montes	Tech III
Mark Soha	MSoha	Tech III
Ed Alder	[illegible]	Tech II
Norm Piper	Norm Piper	Tech I

6/12/10

Briefing Given By:

Name	Signature	Position
Glen Childers	[illegible]	Safety/QC

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)

	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response/Equipment
X	Physical Hazards		On-Site Injuries/Illness
	Chemical/Biological Hazards		Reporting Procedures
	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		Communications
	Task Training		Confined Spaces
X	OE Precautions	X	Other: WEED EATER SAFETY LIGHTNING PROCEDURES

4. Remarks:

52°, WINDS ESE 5-10 MPH, CLOUDY, 40% CHANCE OF RAIN

HIGH 69°, HUMIDITY 96%. SLIPS, TRIPS, FALLS, PPE, SAFE

WORK, LIGHTNING PROCEDURES, WEED EATER SAFETY

TETRA TECH NUS, INC.

Name	Signature	Position
Frank Loney	Frank Loney	Tech I
Alfred Smith	AFS	Tech I

TETRA TECH NUS, INC.

Project: 112G02063			
Tailgate Safety Briefing			
Date: _6/13/10_____		**Location: NAS Brunswick**	
Time: ___0700_____		**Team #: _1_____**	
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
Syd Rodgers		SUXOS
Frank Montes		Tech III
Mark Soha		Tech III
Ed Alder		Tech II
Norm Piper		Tech I

Briefing Given By:

Name	Signature	Position
Glen Childers		Safety/QC

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)

	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response/Equipment
	Physical Hazards	X	On-Site Injuries/Illness
	Chemical/Biological Hazards		Reporting Procedures
X	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 Training		Confined Spaces
X	OE Precautions	X	Other: TRACTOR SAFETY Lightning Procedures

4. Remarks:

54°, WINDS ESE 5-10 MPH, CLOUDY, HIGH 68°

HUMIDITY 100% 20% CHANCE OF RAIN

L

TETRA TECH NUS, INC.

Name	Signature	Position
Frank Loney	Frank Loney	Tech I
Alfred Smith		Tech I

TETRA TECH NUS, INC.

Project: 112G02063			
Tailgate Safety Briefing			
Date: _6/14/10_____		**Location: NAS Brunswick**	
Time: ___0700_____		**Team #: _1_____**	
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
Syd Rodgers		SUXSO
Frank Montes		Tech III
Mark Soha		Tech III
Ed Alder		Tech II
Norm Piper		Tech I

Briefing Given By:

Name	Signature	Position
Glen Childers		Safety/QC

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response/Equipment
	Physical Hazards		On-Site Injuries/Illness
	Chemical/Biological Hazards		Reporting Procedures
	Heat/Cold Stress	X	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
	Task Training		Confined Spaces
X	OE Precautions		Other:

4. Remarks:

57°, CLOUDY, SW 5-10, HIGH 69°, HUMIDITY 98°

CHANCE OF RAIN 30%

TETRA TECH NUS, INC.

Name	Signature	Position
Frank Loney	Frank Loney	Tech I
Alfred Smith		Tech I

TETRA TECH NUS, INC.

Project: 112G02063			
Tailgate Safety Briefing			
Date: _6/15/10_____		Location: NAS Brunswick	
Time: ___0700_____		Team #: _1_____	
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
Syd Rodgers		SUXSO
Frank Montes		Tech III
Mark Soha		Tech III
Ed Alder		Tech II
Norm Piper		Tech I

Briefing Given By:

Name	Signature	Position
Glen Childers		Safety/QC

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description	X	Emergency Response/Equipment
	Physical Hazards		On-Site Injuries/Illness
	Chemical/Biological Hazards		Reporting Procedures
	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
	Task Training		Confined Spaces
X	OE Precautions		Other: weed eater safety

4. Remarks:

53°, SUNNY, WINDS NNW 5-10, HIGH 74° HUMIDITY 85%

TETRA TECH NUS, INC.

Name	Signature	Position
Frank Loney	Frank Loney	Tech I
Alfred Smith		Tech I
John Gary		Security
Joseph Roberts	J. Roberts	Safety
Ron Tuttle		
BRION K HALL	BKHall	ESO
MICHAEL FAGAN		ENVIRONMENTAL
JOHN RIPLEY		RAO

TETRA TECH NUS, INC.

Project: 112G02063			
Safety Briefing			
Date: _6/16/10_____		**Location: NAS Brunswick**	
Time: ___0700_____		**Team #: _1_____**	
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
Syd Rodgers		SUXSO
Frank Montes		Tech III
Mark Soha		Tech III
Ed Alder		Tech II
Norm Piper		Tech I
Frank Loney		Tech I
Alfred Smith		Tech I

Briefing Given By:

Name	Signature	Position
Glen Childers		Safety/QC

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
X	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response/Equipment
	Physical Hazards		On-Site Injuries/Illness
	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
	Safe Work Practices		Evacuation/Egress Procedures
	Air Monitoring		Communications
	Task Training		Confined Spaces
X	OE Precautions		Other:

4. Remarks:

48°, CLEAR, WINDS SW @ 5-10, HIGH 67°, HUMIDITY 77%

INCREASING CLOUDS, 60% CHANCE OF PM THUNDERSTORMS

TETRA TECH NUS, INC.

Project: 112G02063			
Safety Meeting Training Record			
Date: _6/21/10_____		**Location: NAS Brunswick, ME**	
Time: ___0700_____		**Team #: _1_____**	
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
Syd Rodgers		SUXSO
Frank Montes		Tech III
Mark Soha		Tech III
Ed Alder		Tech II
Norm Piper		Tech I
Frank Loney		Tech I
Alfred Smith		Tech I

Briefing Given By:

Name	Signature	Position
Glen Childers		Safety/QC

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
	Site Safety Personnel		Decontamination Procedures
X	Site/Work Area Description		Emergency Response/Equipment
	Physical Hazards		On-Site Injuries/Illness
	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
	Task Training		Confined Spaces
X	OE Precautions		Other:

4. Remarks:

60°, PARTLY CLOUDY, WINDS WNW @ 5-10 MPH, HUMIDITY 97%, HIGH 81°

10% CHANCE OF RAIN

TETRA TECH NUS, INC.

Name	Signature	Position
Jeff Fournier		UXO Site Manager
Tom Douglas		UXO QA
Harold Burr		UXO QA

TETRA TECH NUS, INC.

Project: 11202063			
Tailgate Safety Briefing			
Date: 6/21/10		**Location: Brunswick**	
Time: 0700		**Team #: 1**	
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
Mark Soha	MdSoha	Tech III
Ed Alder		Tech II
Norm Piper		Tech I
Frank Loney		Tech I
Alfred Smith		Tech I

Briefing Given By:

Name	Signature	Position
Frank Montes	Frank Montes	UXO TECH III

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
✓	Site Safety Personnel	✓	Decontamination Procedures
✓	Site/Work Area Description	✓	Emergency Response/Equipment
✓	Physical Hazards	✓	On-Site Injuries/Illness
	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 Training		Confined Spaces
✓	OE Precautions		Other:

4. Remarks:

6/22/2010

DEMO BRIEFING

MARK SOHA

FRANK MONTES

Frank Loney

FRANK LONEY

Norm Piper

Alfred (Tony) Smith

Arnold Burr

Thomas E. Douglas

GLEN CHILDERS

Syd Rodgers

ARNOLD BURR - NAVEOD TD
"

TETRA TECH NUS, INC.

Project: 112G02063			
Safety Meeting Training Record			
Date: 6/22/10		Location: NAS Brunswick, ME	
Time: 0700		Team #: 1	
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
Syd Rodgers		SUXSO
Frank Montes		Tech III
Mark Soha		Tech III
~~Ed Alder~~		~~Tech II~~
Norm Piper		Tech I
Frank Loney		Tech I
Alfred Smith		Tech I

Briefing Given By:

Name	Signature	Position
Glen Childers		Safety/QC

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response/Equipment
	Physical Hazards		On-Site Injuries/Illness
	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
	Task Training		Confined Spaces
X	OE Precautions		Other:

4. Remarks:

53°, PARTLY CLOUDY TO CLOUDY, WINDS. E 5-10 MPH, HUMIDITY 92%

HIGH 78°

TETRA TECH NUS, INC.

Name	Signature	Position
Thomas Douglas		NAVEOD TD
Arnold Burr		NAVEOD TD

TETRA TECH NUS, INC.

Project: 112G02063			
Safety Meeting Training Record			
Date: _6/23/10_____		**Location: NAS Brunswick, ME**	
Time: ___0700_____		**Team #: _1_____**	
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
Syd Rodgers	Syd Rodgers	SUXSO
Frank Montes	Frank Montes	Tech III
Mark Soha	Mark Soha	Tech III
~~Ed Alder~~	NOT ON SITE	~~Tech II~~
Norm Piper	Norm Piper	Tech I
Frank Loney	Frank Loney	Tech I
Alfred Smith	Alfred Smith	Tech I

Briefing Given By:

Name	Signature	Position
Glen Childers	[illegible]	Safety/QC

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description	X	Emergency Response/Equipment
	Physical Hazards		On-Site Injuries/Illness
	Chemical/Biological Hazards		Reporting Procedures
	Heat/Cold Stress		Directions to Medical Facility
	Work/Support Zones		Drug and Alcohol Policies
X	PPE		Medical Monitoring
	Safe Work Practices	X	Evacuation/Egress Procedures
	Air Monitoring		Communications
	Task Training		Confined Spaces
X	MEC Precautions		Other:

4. Remarks:

63°, SHOWERS, WINDS @ SSW 5-10, HUMIDITY 98%,

HIGH 71°, CHANCE OF AFTERNOON THUNDERSTORMS

TETRA TECH NUS, INC.

Name	Signature	Position
Thomas Douglas		NAVEOD TD
Arnold Burr		NAVEOD TD

TETRA TECH NUS, INC.

Project: 112G02063			
Safety Meeting Training Record			
Date: 6/23/10		**Location: NAS Brunswick**	
Time: 1400		**Team #: 1**	
1. Reason for Briefing:			
	Daily Safety Briefing		**New Site Procedure**
	Initial Safety Briefing		**New Site Information**
	New Task Briefing		**Review of Site Information**
	Periodic Safety Meeting	**X**	**Other: (Specify) Demolition**

2. Personnel Attending

Name	Signature	Position
Syd Rodgers	Syd Rodgers	SUXSO
Frank Montes	Frank Montes	Tech III
Glen Childers	[illegible]	Safety/QC
Norm Piper	[illegible]	Tech I
Frank Loney	Frank Loney	Tech I
Alfred Smith	[illegible]	Tech I

Briefing Given By:

Name	Signature	Position
Mark Soha	M Soha	Tech III

TETRA TECH NUS, INC.

Project: 11202063			
Tailgate Safety Briefing			
Date: 6/23/10		Location: Brunswick	
Time: 0700		Team #: 1	
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
Mark Soha		Tech III
Norm Piper		Tech I
Frank Loney		Tech I
Alfred Smith		Tech I

Briefing Given By:

Name	Signature	Position
FRANK MONTES		UXO TECH III/TEAM LDR

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
✓	Site Safety Personnel	✓	Decontamination Procedures
✓	Site/Work Area Description	✓	Emergency Response/Equipment
✓	Physical Hazards	✓	On-Site Injuries/Illness
	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 Training		Confined Spaces
✓	OE Precautions		Other:

4. Remarks:

TETRA TECH NUS, INC.

Project: 112G02063			
Safety Meeting Training Record			
Date: _6/24/10_____		**Location: NAS Brunswick, ME**	
Time: ___0700_____		**Team #: _1_____**	
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
Syd Rodgers		SUXSO
Frank Montes		Tech III
Mark Soha		Tech III
Norm Piper		Tech I
Frank Loney		Tech I
Alfred Smith		Tech I

Briefing Given By:

Name	Signature	Position
Glen Childers		Safety/QC

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response/Equipment
x	Physical Hazards		On-Site Injuries/Illness
	Chemical/Biological Hazards		Reporting Procedures
	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
	Task Training		Confined Spaces
X	MEC Precautions	X	Other: Weed Eater Safety

4. Remarks:

63°, MOSTLY CLOUDY, WINDS SSW @ 10-15 MPH, HUMIDITY 97%

HIGH 78°, 60% CHANCE OF AFTERNOON SHOWERS/T STORMS

TETRA TECH NUS, INC.

Name	Signature	Position
Thomas Douglas		NAVEOD TD
Arnold Burr		NAVEOD TD

TETRA TECH NUS, INC.

Project: 11202063			
Tailgate Safety Briefing			
Date: 6/24/10		Location: Brunswick	
Time: 0700		Team #: 1	
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
Mark Soha	M Soha	Tech III
Norm Piper	Nm Pi	Tech I
Frank Loney	Frank Loney	Tech I
Alfred Smith	Alf Sm	Tech I

Briefing Given By:

Name	Signature	Position
FRANK MONTES	Frank Montes	UXO TECH III/TEAM LDR

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
✓	Site Safety Personnel	✓	Decontamination Procedures
✓	Site/Work Area Description	✓	Emergency Response/Equipment
✓	Physical Hazards	✓	On-Site Injuries/Illness
	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 Training		Confined Spaces
✓	OE Precautions		Other:

4. Remarks:

TETRA TECH NUS, INC.

Project: 112G02063			
Safety Meeting Training Record			
Date: _6/25/10_____		**Location: NAS Brunswick, ME**	
Time: ___0700_____		**Team #: _1_____**	
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
Syd Rodgers	Syd Rodgers	SUXSO
Frank Montes	Frank Montes	Tech III
Mark Soha	MdSoha	Tech III
Norm Piper	[illegible]	Tech I
Frank Loney	Frank Loney	Tech I
Alfred Smith	[illegible]	Tech I

Briefing Given By:

Name	Signature	Position
Glen Childers	[illegible]	Safety/QC

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response/Equipment
	Physical Hazards		On-Site Injuries/Illness
	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
	Task Training		Confined Spaces
X	MEC Precautions	X	Other: Chain Saw Safety

4. Remarks:

60°, CLEAR, WINDS W @ 5-10 MPH, HUMIDITY 86°, HIGH 79

TETRA TECH NUS, INC.

Name	Signature	Position
Thomas Douglas		NAVEOD TD
Arnold Burr		NAVEOD TD

TETRA TECH NUS, INC.

Project: 11202063			
Tailgate Safety Briefing			
Date: 6/~~21~~25/10		Location: Brunswick	
Time: 0700		Team #: 1	
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
Mark Soha		Tech III
Norm Piper		Tech I
Frank Loney		Tech I
Alfred Smith		Tech I

Briefing Given By:

Name	Signature	Position
FRANK MONTES		UXO TECH III/TEAM LDR

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
✓	Site Safety Personnel	✓	Decontamination Procedures
✓	Site/Work Area Description	✓	Emergency Response/Equipment
✓	Physical Hazards	✓	On-Site Injuries/Illness
	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 Training		Confined Spaces
✓	OE Precautions		Other:

4. Remarks:

TETRA TECH NUS, INC.

Project: 112G02063			
Safety Meeting Training Record			
Date: _6/26/10_____		**Location: NAS Brunswick, ME**	
Time: ___0700_____		**Team #: _1_____**	
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
Syd Rodgers		SUXSO
Frank Montes		Tech III
Mark Soha		Tech III
Norm Piper		Tech I
Frank Loney		Tech I
Alfred Smith		Tech I

Briefing Given By:

Name	Signature	Position
Glen Childers		Safety/QC

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response/Equipment
	Physical Hazards		On-Site Injuries/Illness
	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
	Task Training		Confined Spaces
X	MEC Precautions		Other:

4. Remarks:

60°, PARTLY CLOUDY, WINDS WSW @ 5-10 MPH, HUMIDITY 90%

HIGH 75, 30% CHANCE OF RAIN

TETRA TECH NUS, INC.

Project: 11202063

Tailgate Safety Briefing

Date: 6-26-10 **Location: Brunswick, NAS**

Time: 0700 **Team #:** 1

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
Mark Soha	MSoha	Tech III
Norm Piper	NR	Tech I
Frank Loney	[illegible]	Tech I
Alfred Smith	[illegible]	Tech I

Briefing Given By:

Name	Signature	Position
FRANK MONTES	Frank Montes	UXO TECH III/TEAM LDR

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
✓	Site Safety Personnel	✓	Decontamination Procedures
✓	Site/Work Area Description	✓	Emergency Response/Equipment
✓	Physical Hazards	✓	On-Site Injuries/Illness
	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 Training		Confined Spaces
✓	OE Precautions		Other:

4. Remarks:

TETRA TECH NUS, INC.

Project: 11202063			
Tailgate Safety Briefing			
Date: 6-27-10		Location: Brunswick, NAS	
Time: 0700		Team #: 1	
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
Mark Soha		Tech III
Norm Piper		Tech I
Frank Loney		Tech I
Alfred Smith		Tech I

Briefing Given By:

Name	Signature	Position
FRANK MONTES		UXO TECH III/TEAM LDR

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
✓	Site Safety Personnel	✓	Decontamination Procedures
✓	Site/Work Area Description	✓	Emergency Response/Equipment
✓	Physical Hazards	✓	On-Site Injuries/Illness
	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 Training		Confined Spaces
✓	OE Precautions		Other:

4. Remarks:

TETRA TECH NUS, INC.

Project: 112G02063			
Safety Meeting Training Record			
Date: _6/28/10_____		Location: NAS Brunswick, ME	
Time: ___0700_____		Team #: _1_____	
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
Syd Rodgers		SUXSO
Frank Montes		Tech III
Mark Soha		Tech III
Norm Piper		Tech I
Frank Loney		Tech I
Alfred Smith		Tech I

Briefing Given By:

Name	Signature	Position
Glen Childers		Safety/QC

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response/Equipment
X	Physical Hazards		On-Site Injuries/Illness
	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
	Task Training		Confined Spaces
X	MEC Precautions	X	Other: LIGHTNING PROCEDURES

4. Remarks:

63°, RAIN, WINDS SSW @ 10-20, HUMIDITY 98%, HIGH 83°

SHOWERS & THUNDERSTORMS, SOME SEVERE

TETRA TECH NUS, INC.

Name	Signature	Position
Thomas Douglas		NAVEOD TD
Arnold Burr		NAVEOD TD

TETRA TECH NUS, INC.

Project: 11202063			
Tailgate Safety Briefing			
Date: 6-28-10		Location: Brunswick, NAS	
Time: 0700		Team #: 1	
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
Mark Soha		Tech III
Norm Piper		Tech I
Frank Loney		Tech I
Alfred Smith		Tech I

Briefing Given By:

Name	Signature	Position
FRANK MONTES		UXO TECH III/TEAM LDR

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
✓	Site Safety Personnel	✓	Decontamination Procedures
✓	Site/Work Area Description	✓	Emergency Response/Equipment
✓	Physical Hazards	✓	On-Site Injuries/Illness
	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 Training		Confined Spaces
✓	OE Precautions		Other:

4. Remarks:

TETRA TECH NUS, INC.

Project: 112G02063			
Safety Meeting Training Record			
Date: _6/29/10_____		Location: NAS Brunswick, ME	
Time: ___0700_____		Team #: _1_____	
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
Syd Rodgers		SUXSO
Frank Montes		Tech III
Mark Soha		Tech III
Norm Piper		Tech I
Frank Loney		Tech I
Alfred Smith		Tech I

Briefing Given By:

Name	Signature	Position
Glen Childers		Safety/QC

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response/Equipment
	Physical Hazards		On-Site Injuries/Illness
	Chemical/Biological Hazards		Reporting Procedures
	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		Communications
	Task Training		Confined Spaces
X	MEC Precautions	X	Other: SLIPS, TRIPS, FALLS

4. Remarks:

62°, FOG, WINDS SSE @ 5-10 MPH, HUMIDITY 95%

HIGH 75, 20% CHANCE OF SHOWERS/THUNDERSTORMS

TETRA TECH NUS, INC.

Name	Signature	Position
Thomas Douglas		NAVEOD TD
Arnold Burr		NAVEOD TD

TETRA TECH NUS, INC.

Project: 11202063			
Tailgate Safety Briefing			
Date: 6-29-10		**Location: Brunswick, NAS**	
Time: 0700		**Team #:** 1	
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
Mark Soha	MdSoha	Tech III
Norm Piper	[illegible]	Tech I
Frank Loney	[illegible]	Tech I
Alfred Smith	[illegible]	Tech I
Frank Montes	Frank Montes	TECH III

Briefing Given By:

Name	Signature	Position
~~FRANK MONTES~~ MARK SOHA	MdSoha	UXO TECH III/TEAM LDR

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
✓	Site Safety Personnel	✓	Decontamination Procedures
✓	Site/Work Area Description	✓	Emergency Response/Equipment
✓	Physical Hazards	✓	On-Site Injuries/Illness
	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 Training		Confined Spaces
✓	OE Precautions		Other:

4. Remarks:

TETRA TECH NUS, INC.

Project: 112G02063			
Safety Meeting Training Record			
Date: _6/30/10_____		**Location: NAS Brunswick, ME**	
Time: __1400_____		**Team #: _1_____**	
1. Reason for Briefing:			
	Daily Safety Briefing		**New Site Procedure**
	Initial Safety Briefing		**New Site Information**
	New Task Briefing		**Review of Site Information**
	Periodic Safety Meeting	**X**	**Other: (Specify) Demo**

2. Personnel Attending

Name	Signature	Position
Syd Rodgers		SUXSO
Glen Childers		QC/Safety
Frank Montes		Tech III
Norm Piper		Tech I
Frank Loney		Tech I
Alfred Smith		Tech I

Briefing Given By:

Name	Signature	Position
Mark Soha		Team Leader

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description	x	Emergency Response/Equipment
	Physical Hazards	x	On-Site Injuries/Illness
	Chemical/Biological Hazards		Reporting Procedures
	Heat/Cold Stress	x	Directions to Medical Facility
	Work/Support Zones		Drug and Alcohol Policies
	PPE		Medical Monitoring
x	Safe Work Practices		Evacuation/Egress Procedures
	Air Monitoring		Communications
	Task Training		Confined Spaces
X	MEC Precautions	X	Other: Demolition Safety

4. Remarks:

TETRA TECH NUS, INC.

Project: 112G02063			
Safety Meeting Training Record			
Date: _6/30/10_____		**Location: NAS Brunswick, ME**	
Time: ___0700_____		**Team #: _1_____**	
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
Syd Rodgers		SUXSO
Frank Montes		Tech III
Mark Soha		Tech III
Norm Piper		Tech I
Frank Loney		Tech I
Alfred Smith		Tech I

Briefing Given By:

Name	Signature	Position
Glen Childers		Safety/QC

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response/Equipment
	Physical Hazards		On-Site Injuries/Illness
	Chemical/Biological Hazards		Reporting Procedures
	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
	Task Training		Confined Spaces
X	MEC Precautions	X	Other: Demolition Safety Drinking and Driving

4. Remarks:

53°, SUNNY, WINDS WSW @ 10-15 MPH, HUMIDITY 85%

HIGH 71°

TETRA TECH NUS, INC.

Name	Signature	Position
Thomas Douglas		NAVEOD TD
Arnold Burr		NAVEOD TD

TETRA TECH NUS, INC.

Project: 112G02063			
Safety Meeting Training Record			
Date: _7/6/10_____		**Location: NAS Brunswick, ME**	
Time: ___0700_____		**Team #: _1_____**	
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
Syd Rodgers	Syd Rodgers	SUXSO
Frank Montes	Frank Montes	Tech III
Mark Soha	MSoha	Tech III
Norm Piper	Norm Piper	Tech I
Frank Loney	Frank Loney	Tech I
Alfred Smith	[illegible]	Tech I
James Rossi	Jim Rossi	Site Manager

Briefing Given By:

Name	Signature	Position
Glen Childers	[illegible]	Safety/QC

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response/Equipment
	Physical Hazards		On-Site Injuries/Illness
	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
	Task Training		Confined Spaces
X	MEC Precautions		Other:

4. Remarks:

65°, WINDS - LIGHT, HUMIDITY 94°, HIGH 93°

TETRA TECH NUS, INC.

Project: 11202063			
Tailgate Safety Briefing			
Date: 7-06-10		**Location: Brunswick, NAS**	
Time: 0700		**Team #:** 1	
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
Frank Montes	Frank Montes	Tech III
Norm Piper	N Piper	Tech I
Frank Loney	Frank Loney	Tech I
Alfred Smith	AF Smith	Tech I

Briefing Given By:

Name	Signature	Position
MARK SOHA	M Soha	UXO TECH III/TEAM LDR

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
✓	Site Safety Personnel	✓	Decontamination Procedures
✓	Site/Work Area Description	✓	Emergency Response/Equipment
✓	Physical Hazards	✓	On-Site Injuries/Illness
	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 Training		Confined Spaces
✓	OE Precautions		Other:

4. Remarks:

TETRA TECH NUS, INC.

Project: 112G02063			
Safety Meeting Training Record			
Date: _7/7/10_____		**Location: NAS Brunswick, ME**	
Time: ___0700_____		**Team #: _1_____**	
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
Syd Rodgers	Syd Rodgers	SUXSO
Frank Montes	Frank Montes	Tech III
Mark Soha	MdSoha	Tech III
Jake Clement	J Clement	Tech III
Norm Piper	N Piper	Tech I
Frank Loney	Frank Loney	Tech I
Alfred Smith	OF	Tech I

Briefing Given By:

Name	Signature	Position
Glen Childers		Safety/QC

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response/Equipment
	Physical Hazards		On-Site Injuries/Illness
	Chemical/Biological Hazards		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		Communications
	Task Training		Confined Spaces
X	MEC Precautions	X	Other: Lightning Procedures

4. Remarks:

69°, PARTLY CLOUDY, WINDS SE 5-10, HUMIDITY 93%

HIGH 83, 20% CHANCE OF RAIN

TETRA TECH NUS, INC.

Name	Signature	Position
Jim Rossi		UXO Site Manager
DOUG MURRAY		NOSSA
BRION HALL		ESO / NASB SAFETY

TETRA TECH NUS, INC.

Project: 11202063			
Tailgate Safety Briefing			
Date: 7/7/10		**Location: Brunswick, NAS**	
Time: 0700		**Team #:** 1	
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
Frank Montes	Frank Montes	Tech III
Norm Piper		Tech I
Frank Loney	Frank Loney	Tech I
Alfred Smith		Tech I
Jacob Clement	J Clement	Tech III

Briefing Given By:

Name	Signature	Position
MARK SOHA	M Soha	UXO TECH III/TEAM LDR

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
✓	Site Safety Personnel	✓	Decontamination Procedures
✓	Site/Work Area Description	✓	Emergency Response/Equipment
✓	Physical Hazards	✓	On-Site Injuries/Illness
	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 Training		Confined Spaces
✓	OE Precautions		Other:

4. Remarks:

TETRA TECH NUS, INC.

Project: 112G02063			
Safety Meeting Training Record			
Date: _7/8/10_____		**Location: NAS Brunswick, ME**	
Time: ___0700_____		**Team #: _1_____**	
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
Syd Rodgers		SUXSO
Frank Montes		Tech III
Mark Soha		Tech III
Jake Clement		Tech III
Norm Piper		Tech I
Frank Loney		Tech I
Alfred Smith		Tech I

Briefing Given By:

Name	Signature	Position
Glen Childers		Safety/QC

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response/Equipment
	Physical Hazards		On-Site Injuries/Illness
	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
	Task Training		Confined Spaces
X	MEC Precautions	X	Other:

4. Remarks:

68°, CLOUDY, WINDS SSE@ 10-15, HUMIDITY 92% HIGH 81

20% CHANCE OF RAIN

TETRA TECH NUS, INC.

Name	Signature	Position
Jim Rossi	Jim Rossi	UXO Site Manager
Doug Murray	D Murray	NOSSA

TETRA TECH NUS, INC.

Project: 11202063			
Tailgate Safety Briefing			
Date: 2/8/16		**Location: Brunswick, NAS**	
Time: 0700		**Team #:** 1	
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
Frank Montes	Frank Montes	Tech III
Norm Piper	Norm Piper	Tech I
Frank Loney	Frank Loney	Tech I
Alfred Smith	[illegible]	Tech I
Jacob Clement	J Clement	Tech III

Briefing Given By:

Name	Signature	Position
MARK SOHA	M Soha	UXO TECH III/TEAM LDR

TETRA TECH NUS, INC.

Project: 112G02063			
Safety Meeting Training Record			
Date: _7/9/10_____		**Location: NAS Brunswick, ME**	
Time: ___0700_____		**Team #: _1_____**	
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
Syd Rodgers		SUXSO
Frank Montes		Tech III
Mark Soha		Tech III
Jake Clement		Tech III
Norm Piper		Tech I
Frank Loney		Tech I
Alfred Smith		Tech I

Briefing Given By:

Name	Signature	Position
Glen Childers		Safety/QC

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response/Equipment
	Physical Hazards		On-Site Injuries/Illness
	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 Training		Confined Spaces
X	MEC Precautions		Other:

4. Remarks:

70°, MOSTLY CLOUDY, WINDS S @ 10-15, HUMIDITY 93%

HIGH 81

TETRA TECH NUS, INC.

Project: 11202063			
Tailgate Safety Briefing			
Date: 7-9-10		**Location: Brunswick, NAS**	
Time: 0700		**Team #:** 1	
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
Frank Montes		Tech III
Norm Piper		Tech I
Frank Loney		Tech I
Alfred Smith		Tech I
Jacob A. Clement		Tech III

Briefing Given By:

Name	Signature	Position
MARK SOHA		UXO TECH III/TEAM LDR

TETRA TECH NUS, INC.

Project: 112G02063			
Safety Meeting Training Record			
Date: _7/10/10_____		**Location: NAS Brunswick, ME**	
Time: ___0700_____		**Team #: _1_____**	
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
Syd Rodgers		SUXSO
Frank Montes		Tech III
Mark Soha		Tech III
Jake Clement		Tech III
Norm Piper		Tech I
Frank Loney		Tech I
Alfred Smith		Tech I

Briefing Given By:

Name	Signature	Position
Glen Childers		Safety/QC

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response/Equipment
	Physical Hazards		On-Site Injuries/Illness
	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
	Task Training		Confined Spaces
X	MEC Precautions	X	Other: Weed Eater Safety

4. Remarks:

68°, FOG, WINDS LIGHT AND VARIABLE, HUMIDITY 99%

HIGH 75, 60% CHANCE OF RAIN

TETRA TECH NUS, INC.

Project: 11202063			
Tailgate Safety Briefing			
Date: 7-10-10		**Location: Brunswick, NAS**	
Time: 0700		**Team #:** 1	
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
Frank Montes	Frank Montes	Tech III
Norm Piper	N. Piper	Tech I
Frank Loney	Frank Loney	Tech I
Alfred Smith	A F S	Tech I
Jacob Clement	J Clement	Tech III

Briefing Given By:

Name	Signature	Position
MARK SOHA	M Soha	UXO TECH III/TEAM LDR

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
	Site Safety Personnel	✓	Decontamination Procedures
✓	Site/Work Area Description		Emergency Response/Equipment
✓	Physical Hazards	✓	On-Site Injuries/Illness
	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 Training		Confined Spaces
✓	OE Precautions		Other:

4. Remarks:

TETRA TECH NUS, INC.

Project: 112G02063			
Safety Meeting Training Record			
Date: _7/11/10_____		**Location: NAS Brunswick, ME**	
Time: ___0700_____		**Team #: _1_____**	
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
Syd Rodgers		SUXSO
Frank Montes		Tech III
Mark Soha		Tech III
Jake Clement		Tech III
Norm Piper		Tech I
Frank Loney		Tech I
Alfred Smith		Tech I

Briefing Given By:

Name	Signature	Position
Glen Childers		Safety/QC

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response/Equipment
X	Physical Hazards		On-Site Injuries/Illness
	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
	Task Training		Confined Spaces
X	MEC Precautions		Other:

4. Remarks:

70°, CLOUDY, WINDS NNE @ 5-10, HUMIDITY 94%

HIGH 80°, 50% CHANCE OF RAIN

TETRA TECH NUS, INC.

Project: 11202063			
Tailgate Safety Briefing			
Date: 7-11-16		**Location: Brunswick, NAS**	
Time: 0700		**Team #:** 1	
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
Frank Montes	Frank Montes	Tech III
Norm Piper	[illegible]	Tech I
Frank Loney	Frank Loney	Tech I
Alfred Smith	[illegible]	Tech I
Jacob Clement	J Clement	Tech III

Briefing Given By:

Name	Signature	Position
MARK SOHA	Mark Soha	UXO TECH III/TEAM LDR

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
✓	Site Safety Personnel	✓	Decontamination Procedures
✓	Site/Work Area Description	✓	Emergency Response/Equipment
	Physical Hazards	✓	On-Site Injuries/Illness
	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 Training		Confined Spaces
✓	OE Precautions		Other:

4. Remarks:

TETRA TECH NUS, INC.

Project: 112G02063			
Safety Meeting Training Record			
Date: _7/12/10_____		Location: NAS Brunswick, ME	
Time: ___0700_____		Team #: _1_____	
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
Syd Rodgers		SUXSO
Frank Montes		Tech III
Mark Soha		Tech III
Jake Clement		Tech III
Norm Piper		Tech I
Frank Loney		Tech I
Alfred Smith		Tech I

Briefing Given By:

Name	Signature	Position
Glen Childers		Safety/QC

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response/Equipment
	Physical Hazards		On-Site Injuries/Illness
	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		Communications
	Task Training		Confined Spaces
X	MEC Precautions		Other:

4. Remarks:

61°, MOSTLY CLOUDY, WINDS S @ 5-10, HUMIDITY 98%

HIGH 82°

TETRA TECH NUS, INC.

Project: 11202063			
Tailgate Safety Briefing			
Date: 7-12-10		**Location: Brunswick, NAS**	
Time: 0700		**Team #:** 1	
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
Frank Montes	Frank Montes	Tech III
Norm Piper	N K Pi	Tech I
Frank Loney	Frank Loney	Tech I
Alfred Smith	[illegible]	Tech I
Jacob Clement	J Clement	Tech II

Briefing Given By:

Name	Signature	Position
MARK SOHA	Mark Soha	UXO TECH III/TEAM LDR

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
✓	Site Safety Personnel	✓	Decontamination Procedures
✓	Site/Work Area Description	✓	Emergency Response/Equipment
✓	Physical Hazards	✓	On-Site Injuries/Illness
	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 Training		Confined Spaces
✓	OE Precautions		Other:

4. Remarks:

TETRA TECH NUS, INC.

Project: 112G02063			
Safety Meeting Training Record			
Date: _7/13/10_____		Location: NAS Brunswick, ME	
Time: ___0700_____		Team #: _1_____	
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
Syd Rodgers	Syd Rodgers	SUXSO
Frank Montes	Frank Montes	Tech III
Mark Soha	MSoha	Tech III
Jake Clement	J Clement	Tech III
Norm Piper	N Piper	Tech I
Frank Loney	Frank Loney	Tech I
Alfred Smith	AF Smith	Tech I

Briefing Given By:

Name	Signature	Position
Glen Childers	[illegible]	Safety/QC

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response/Equipment
	Physical Hazards	X	On-Site Injuries/Illness
	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
	Task Training		Confined Spaces
X	MEC Precautions		Other:

4. Remarks:

69°, CLOUDY, WINDS SSE @ 5-10, HUMIDITY 96%

HIGH 78°, 20% CHANCE OF RAIN

TETRA TECH NUS, INC.

Project: 11202063			
Tailgate Safety Briefing			
Date: 7-13-10		Location: Brunswick, NAS	
Time: 0700		Team #: 1	
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
Frank Montes	Frank Montes	Tech III
Norm Piper	N Piper	Tech I
Frank Loney	Frank Loney	Tech I
Alfred Smith	[illegible]	Tech I
Jake Clement	J Clement	Tech III

Briefing Given By:

Name	Signature	Position
MARK SOHA	M Soha	UXO TECH III/TEAM LDR

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
✓	Site Safety Personnel	✓	Decontamination Procedures
✓	Site/Work Area Description	✓	Emergency Response/Equipment
✓	Physical Hazards	✓	On-Site Injuries/Illness
	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 Training		Confined Spaces
✓	OE Precautions		Other:

4. Remarks:

TETRA TECH NUS, INC.

Project: 112G02063			
Safety Meeting Training Record			
Date: _7/14/10_____		**Location: NAS Brunswick, ME**	
Time: ___0700_____		**Team #: _1_____**	
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
Syd Rodgers		SUXSO
Frank Montes		Tech III
Mark Soha		Tech III
Jake Clement		Tech III
Norm Piper		Tech I
Frank Loney		Tech I
Alfred Smith		Tech I

Briefing Given By:

Name	Signature	Position
Glen Childers		Safety/QC

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response/Equipment
	Physical Hazards		On-Site Injuries/Illness
	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
	Task Training		Confined Spaces
X	MEC Precautions	X	Other: Lightning Procedures

4. Remarks:

66°, RAIN, WINDS NNE @ 5-10, HUMIDITY 99%,

HIGH 74, 80% CHANCE OF RAIN

TETRA TECH NUS, INC.

Project: 112G02063

Safety Meeting Training Record

Date: ~~6/23/10~~ 7/14/10 **Location: NAS Brunswick**

Time: 1220 **Team #:** 1

1. Reason for Briefing:

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

2. Personnel Attending

Name	Signature	Position
Syd Rodgers	Syd Rodgers	SUXSO
Glen Childers	[illegible]	Safety/QC
Frank Montes	Frank Montes	Tech III
Jake Clemet	J Clement	Tech III
Norm Piper	[illegible]	Tech I
Frank Loney	Frank Loney	Tech I
Alfred Smith	[illegible]	Tech I

Briefing Given By:

Name	Signature	Position
Mark Soha	Mark Soha	Tech III

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
X	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description	X	Emergency Response/Equipment
	Physical Hazards		On-Site Injuries/Illness
	Chemical/Biological Hazards		Reporting Procedures
	Heat/Cold Stress		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
	Task Training		Confined Spaces
X	MEC Precautions	X	Other: Team Assignments

4. Remarks:

TETRA TECH NUS, INC.

Project: 11202063			
Tailgate Safety Briefing			
Date: 7/14/10		**Location: Brunswick, NAS**	
Time: 0700		**Team #:** 1	
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
Frank Montes		Tech III
Norm Piper		Tech I
Frank Loney		Tech I
Alfred Smith		Tech I
Jacob Clement		Tech III

Briefing Given By:

Name	Signature	Position
MARK SOHA		UXO TECH III/TEAM LDR

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
✓	Site Safety Personnel	✓	Decontamination Procedures
✓	Site/Work Area Description	✓	Emergency Response/Equipment
✓	Physical Hazards	✓	On-Site Injuries/Illness
	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 Training		Confined Spaces
✓	OE Precautions		Other:

4. Remarks:

TETRA TECH NUS, INC.

Project: 112G02063			
Safety Meeting Training Record			
Date: _7/19/10_____		**Location: NAS Brunswick, ME**	
Time: ___0700_____		**Team #: _1_____**	
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
Syd Rodgers		SUXSO
Frank Montes		Tech III
Mark Soha		Tech III
Jake Clement		Tech III
Norm Piper		Tech I
Frank Loney		Tech I
Alfred Smith		Tech I

Briefing Given By:

Name	Signature	Position
Glen Childers		Safety/QC

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response/Equipment
	Physical Hazards		On-Site Injuries/Illness
	Chemical/Biological Hazards		Reporting Procedures
X	Heat/Cold Stress		Directions to Medical Facility
X	Work/Support Zones		Drug and Alcohol Policies
X	PPE		Medical Monitoring
	Safe Work Practices		Evacuation/Egress Procedures
	Air Monitoring		Communications
	Task Training		Confined Spaces
X	MEC Precautions	X	Other: Heavy Equipment Safety

4. Remarks:

60° MOSTLY CLEAR, WINDS S @ 5-10, HUMIDITY 93%

HIGH 79°, 50% CHANCE OF RAIN

TETRA TECH NUS, INC.

Project: 11202063			
Tailgate Safety Briefing			
Date: 7-19-10		**Location: Brunswick, NAS**	
Time: 0700		**Team #:** 1	
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
Frank Montes		Tech III
Norm Piper		Tech I
Frank Loney		Tech I
Alfred Smith		Tech I
Jacob Clement	J Clement	Tech III

Briefing Given By:

Name	Signature	Position
MARK SOHA		UXO TECH III/TEAM LDR

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
✓	Site Safety Personnel	✓	Decontamination Procedures
✓	Site/Work Area Description	✓	Emergency Response/Equipment
✓	Physical Hazards	✓	On-Site Injuries/Illness
	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 Training		Confined Spaces
✓	OE Precautions		Other:

4. Remarks:

TETRA TECH NUS, INC.

Project: 112G02063			
Safety Meeting Training Record			
Date: _7/20/10_____		**Location: NAS Brunswick, ME**	
Time: ___0700_____		**Team #: _1_____**	
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
Syd Rodgers		SUXSO
Frank Montes		Tech III
Mark Soha		Tech III
Jake Clement		Tech III
Norm Piper		Tech I
Frank Loney		Tech I
Alfred Smith		Tech I

Briefing Given By:

Name	Signature	Position
Glen Childers		Safety/QC

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response/Equipment
	Physical Hazards		On-Site Injuries/Illness
	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
	Task Training		Confined Spaces
X	MEC Precautions		Other:

4. Remarks:

64°, MOSTLY CLEAR, WINDS LIGHT AND VARIABLE,

HUMIDITY 96%, HIGH 80°

TETRA TECH NUS, INC.

Project: 112G02063			
Safety Meeting Training Record			
Date: 7/20/10		**Location: NAS Brunswick**	
Time: 1455		**Team #: 1**	
1. Reason for Briefing:			
	Daily Safety Briefing		**New Site Procedure**
	Initial Safety Briefing		**New Site Information**
	New Task Briefing		**Review of Site Information**
	Periodic Safety Meeting	**X**	**Other: (Specify) Demolition**

2. Personnel Attending

Name	Signature	Position
Syd Rodgers		SUXSO
Glen Childers		Safety/QC
Frank Montes		Tech III
Jake Clemet		Tech III
Norm Piper		Tech I
Frank Loney		Tech I
Alfred Smith		Tech I

Briefing Given By:

Name	Signature	Position
Mark Soha		Tech III

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
X	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description	X	Emergency Response/Equipment
	Physical Hazards		On-Site Injuries/Illness
	Chemical/Biological Hazards		Reporting Procedures
	Heat/Cold Stress		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
	Task Training		Confined Spaces
X	MEC Precautions	X	Other: Team Assignments

4. Remarks:

TETRA TECH NUS, INC.

Project: 11202063			
Tailgate Safety Briefing			
Date: 7-20-10		**Location: Brunswick, NAS**	
Time: 0700		**Team #:** 1	
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
Frank Montes	Frank Montes	Tech III
Norm Piper	[illegible]	Tech I
Frank Loney	Frank Loney	Tech I
Alfred Smith	[illegible]	Tech I
Jacob Clement	J Clement	Tech III

Briefing Given By:

Name	Signature	Position
MARK SOHA	Mark Soha	UXO TECH III/TEAM LDR

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
✓	Site Safety Personnel	✓	Decontamination Procedures
✓	Site/Work Area Description	✓	Emergency Response/Equipment
✓	Physical Hazards	✓	On-Site Injuries/Illness
	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 Training		Confined Spaces
✓	OE Precautions		Other:

4. Remarks:

TETRA TECH NUS, INC.

Project: 112G02063			
Safety Meeting Training Record			
Date: _7/21/10_____		Location: NAS Brunswick, ME	
Time: ___0700_____		Team #: _1_____	
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
Syd Rodgers		SUXSO
Frank Montes		Tech III
Mark Soha		Tech III
Jake Clement		Tech III
Norm Piper		Tech I
Frank Loney		Tech I
Alfred Smith		Tech I

Briefing Given By:

Name	Signature	Position
Glen Childers		Safety/QC

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response/Equipment
	Physical Hazards		On-Site Injuries/Illness
	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		Communications
	Task Training		Confined Spaces
X	MEC Precautions	X	Other: Heavy Equipment Safety

4. Remarks:

61°, PARTLY CLOUDY, WINDS SE @ 5-10, HUMIDITY 94%,

HIGH 78°, 30% CHANCE OF RAIN

TETRA TECH NUS, INC.

Name	Signature	Position
Linda Klink	Linda Klink	PM
MICHAEL FAGAN	[illegible]	NASB COORDINATOR

TETRA TECH NUS, INC.

Project: 11202063			
Tailgate Safety Briefing			
Date: 07-21-10		**Location: Brunswick, NAS**	
Time: 0700		**Team #:** 1	
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
Frank Montes	Frank Montes	Tech III
Norm Piper		Tech I
Frank Loney	Frank Loney	Tech I
Alfred Smith		Tech I
Jacob Clement	J Clement	Tech II

Briefing Given By:

Name	Signature	Position
MARK SOHA	M Soha	UXO TECH III/TEAM LDR

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
✓	Site Safety Personnel	✓	Decontamination Procedures
✓	Site/Work Area Description	✓	Emergency Response/Equipment
✓	Physical Hazards	✓	On-Site Injuries/Illness
	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 Training		Confined Spaces
✓	OE Precautions		Other:

4. Remarks:

TETRA TECH NUS, INC.

Project: 112G02063			
Safety Meeting Training Record			
Date: _7/22/10_____		**Location: NAS Brunswick, ME**	
Time: ___0700_____		**Team #: _1_____**	
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
Syd Rodgers		SUXSO
Frank Montes		Tech III
Mark Soha		Tech III
Jake Clement		Tech III
Norm Piper		Tech I
Frank Loney		Tech I
Alfred Smith		Tech I

Briefing Given By:

Name	Signature	Position
Glen Childers		Safety/QC

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response/Equipment
	Physical Hazards		On-Site Injuries/Illness
	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
	Task Training		Confined Spaces
X	MEC Precautions	X	Other: Heavy Equipment Safety

4. Remarks:

63° MOSTLY CLEAR, WINDS WNW @ 10-20, HUMIDITY 97%

HIGH 78°, 10% CHANCE OF RAIN

TETRA TECH NUS, INC.

Project: 11202063			
Tailgate Safety Briefing			
Date: 7-22-10		**Location: Brunswick, NAS**	
Time: 0700		**Team #:** 1	
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
Frank Montes	Frank Montes	Tech III
Norm Piper	N Piper	Tech I
Frank Loney	Frank Loney	Tech I
Alfred Smith	A E Smith	Tech I
Jake Clement	J Clement	Tech III

Briefing Given By:

Name	Signature	Position
MARK SOHA	M Soha	UXO TECH III/TEAM LDR

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
✓	Site Safety Personnel	✓	Decontamination Procedures
✓	Site/Work Area Description		Emergency Response/Equipment
✓	Physical Hazards	✓	On-Site Injuries/Illness
	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 Training		Confined Spaces
✓	OE Precautions		Other:

4. Remarks:

TETRA TECH NUS, INC.

Project: 112G02063			
Safety Meeting Training Record			
Date: _7/23/10_____		**Location: NAS Brunswick, ME**	
Time: ___0700_____		**Team #: _1_____**	
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
Syd Rodgers		SUXSO
Frank Montes		Tech III
Mark Soha		Tech III
Jake Clement		Tech III
Norm Piper		Tech I
Frank Loney		Tech I
Alfred Smith		Tech I

Briefing Given By:

Name	Signature	Position
Glen Childers		Safety/QC

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response/Equipment
	Physical Hazards		On-Site Injuries/Illness
	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
	Task Training		Confined Spaces
X	MEC Precautions	X	Other: insects/ticks

4. Remarks:

63°, MOSTLY CLEAR, WINDS WSW @ 5-10, HUMIDITY 84%,

HIGH 80°, 20% CHANCE OF RAIN

TETRA TECH NUS, INC.

Project: 11202063			
Tailgate Safety Briefing			
Date: 7-23-10		**Location: Brunswick, NAS**	
Time: 0700		**Team #:** 1	
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
Frank Montes	Frank Montes	Tech III
Norm Piper	N L Pi	Tech I
Frank Loney	Frank Loney	Tech I
Alfred Smith	Af S	Tech I
Jacob Clement	J Clement	Tech III

Briefing Given By:

Name	Signature	Position
MARK SOHA	MSoha	UXO TECH III/TEAM LDR

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
✓	Site Safety Personnel	✓	Decontamination Procedures
✓	Site/Work Area Description	✓	Emergency Response/Equipment
✓	Physical Hazards	✓	On-Site Injuries/Illness
	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 Training		Confined Spaces
✓	OE Precautions		Other:

4. Remarks:

TETRA TECH NUS, INC.

Project: 112G02063			
Safety Meeting Training Record			
Date: _7/24/10_____		**Location: NAS Brunswick, ME**	
Time: ___0700_____		**Team #: _1_____**	
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
Syd Rodgers	Syd Rodgers	SUXSO
Frank Montes	Frank Montes	Tech III
Mark Soha	Mark Soha	Tech III
Jake Clement	J Clement	Tech III
Norm Piper	NR Piper	Tech I
Frank Loney	Frank Loney	Tech I
Alfred Smith	AFS	Tech I

Briefing Given By:

Name	Signature	Position
Glen Childers	[illegible]	Safety/QC

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response/Equipment
	Physical Hazards		On-Site Injuries/Illness
	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
	Task Training		Confined Spaces
X	MEC Precautions	X	Other: skid loader safety

4. Remarks:

66°, CLOUDY, WINDS ESE 5-10, HUMIDITY 94%,

HIGH 74°, 20% CHANCE OF RAIN

TETRA TECH NUS, INC.

Project: 11202063			
Tailgate Safety Briefing			
Date: 7-24-10		**Location: Brunswick, NAS**	
Time: 0700		**Team #:** 1	
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
Frank Montes	Frank Montes	Tech III
Norm Piper	[illegible]	Tech I
Frank Loney	Frank Loney	Tech I
Alfred Smith	[illegible]	Tech I
Jacob Clement	J Clement	Tech III

Briefing Given By:

Name	Signature	Position
MARK SOHA	M Soha	UXO TECH III/TEAM LDR

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
✓	Site Safety Personnel	✓	Decontamination Procedures
✓	Site/Work Area Description	✓	Emergency Response/Equipment
✓	Physical Hazards	✓	On-Site Injuries/Illness
	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 Training		Confined Spaces
✓	OE Precautions		Other:

4. Remarks:

TETRA TECH NUS, INC.

Project: 112G02063			
Safety Meeting Training Record			
Date: _7/25/10_____		**Location: NAS Brunswick, ME**	
Time: ___0700_____		**Team #: _1_____**	
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
Syd Rodgers		SUXSO
Frank Montes		Tech III
Mark Soha		Tech III
Jake Clement		Tech III
Norm Piper		Tech I
Frank Loney		Tech I
Alfred Smith		Tech I

Briefing Given By:

Name	Signature	Position
Glen Childers		Safety/QC

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response/Equipment
	Physical Hazards		On-Site Injuries/Illness
	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
	Task Training		Confined Spaces
X	MEC Precautions		Other:

4. Remarks:

64°, RAIN, WINDS WNW @10-15, HUMIDITY 100%

HIGH 83, 50% CHANCE OF THUNDERSTORMS

TETRA TECH NUS, INC.

Project: 112G02063	**Brunswick Naval Air Station**

Tailgate Safety Briefing

Date: 7-25-10 **Location:** BNAS

Time: 0700 **Team #:** 1

1. Reason for Briefing:

✓	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
Frank Montes	Frank Montes	Tech III
Jacob Clement	J Clement	Tech III
Tory Smith	[illegible]	Tech I
Norm Piper	[illegible]	Tech I
Frank Loney	Frank Loney	Tech I

Briefing Given By:

Name	Signature	Position
Mark Soha	Mark Soha	Team Leader

TETRA TECH NUS, INC.

Project: 112G02063			
Safety Meeting Training Record			
Date: _7/26/10_____		**Location: NAS Brunswick, ME**	
Time: ___0700_____		**Team #: _1_____**	
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
Syd Rodgers		SUXSO
Frank Montes		Tech III
Mark Soha		Tech III
Jake Clement		Tech III
Norm Piper		Tech I
Frank Loney		Tech I
Alfred Smith		Tech I

Briefing Given By:

Name	Signature	Position
Glen Childers		Safety/QC

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response/Equipment
	Physical Hazards		On-Site Injuries/Illness
	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
	Task Training		Confined Spaces
X	MEC Precautions		Other:

4. Remarks:

55°, MOSTLY CLEAR, WINDS WNW @ 15-25, HUMIDITY 96%

HIGH 80

TETRA TECH NUS, INC.

Project: 112G02063	Brunswick Naval Air Station

Tailgate Safety Briefing

Date: 7-26-10 Location: _____

Time: 0700 Team #: _____

1. Reason for Briefing:

✓	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
Frank Montes		Tech III
Jacob Clement		Tech III
Tory Smith		Tech I
Norm Piper		Tech I
Frank Loney		Tech I

Briefing Given By:

Name	Signature	Position
Mark Soha		Team Leader

TETRA TECH NUS, INC.

Project: 112G02063			
Safety Meeting Training Record			
Date: _7/27/10_____		**Location: NAS Brunswick, ME**	
Time: ___0700_____		**Team #: _1_____**	
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
Syd Rodgers	Syd Rodgers	SUXSO
Frank Montes	Frank Montes	Tech III
Mark Soha	M Soha	Tech III
Jake Clement	J Clement	Tech III
Norm Piper		Tech I
Frank Loney	Frank Loney	Tech I
Alfred Smith		Tech I

Briefing Given By:

Name	Signature	Position
Glen Childers		Safety/QC

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response/Equipment
	Physical Hazards		On-Site Injuries/Illness
	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
	Task Training		Confined Spaces
X	MEC Precautions	X	Other: Equipment Safety

4. Remarks:

59°, CLEAR, WINDS WNW @ 5-10, HUMIDITY 83%

HIGH 85

TETRA TECH NUS, INC.

Project: 112G02063			
Safety Meeting Training Record			
Date: 7/27/10		**Location: NAS Brunswick**	
Time: 1330		**Team #: 1**	
1. Reason for Briefing:			
	Daily Safety Briefing		**New Site Procedure**
	Initial Safety Briefing		**New Site Information**
	New Task Briefing		**Review of Site Information**
	Periodic Safety Meeting	**X**	**Other: (Specify) Demolition**

2. Personnel Attending

Name	Signature	Position
Syd Rodgers	Syd Rodgers	SUXSO
Glen Childers		Safety/QC
Frank Montes		Tech III
Jake Clemet	J Clement	Tech III
Norm Piper		Tech I
Frank Loney	Frank Loney	Tech I
Alfred Smith		Tech I

Briefing Given By:

Name	Signature	Position
Mark Soha	Mark Soha	Tech III

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
X	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description	X	Emergency Response/Equipment
	Physical Hazards		On-Site Injuries/Illness
	Chemical/Biological Hazards		Reporting Procedures
	Heat/Cold Stress		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
	Task Training		Confined Spaces
X	MEC Precautions	X	Other: Team Assignments

4. Remarks:

TETRA TECH NUS, INC.

Project: 112G02063	**Brunswick Naval Air Station**

Tailgate Safety Briefing

Date: 7-27-10 **Location:** _____

Time: 0700 **Team #:** _____

1. Reason for Briefing:

√	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
Frank Montes	Frank Montes	Tech III
Jacob Clement	J Clement	Tech III
Tory Smith	[illegible]	Tech I
Norm Piper	N Pi	Tech I
Frank Loney	Frank Loney	Tech I

Briefing Given By:

Name	Signature	Position
Mark Soha	MSoha	Team Leader

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
√	Site Safety Personnel		Decontamination Procedures
√	Site/Work Area Description		Emergency Response/Equipment
√	Physical Hazards		On-Site Injuries/Illness
√	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 Training		Confined Spaces
√	OE Precautions		Other:

4. Remarks:

TETRA TECH NUS, INC.

Project: 112G02063			
Safety Meeting Training Record			
Date: _7/28/10_____		**Location: NAS Brunswick, ME**	
Time: ___0700_____		**Team #: _1_____**	
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
Syd Rodgers		SUXSO
Norm Piper		Tech I
Frank Loney		Tech I
Alfred Smith		Tech I

Briefing Given By:

Name	Signature	Position
Glen Childers		Safety/QC

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response/Equipment
	Physical Hazards		On-Site Injuries/Illness
	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
	Task Training		Confined Spaces
X	MEC Precautions		Other:

4. Remarks:

57°, MOSTLY CLEAR, WINDS SSW 10-20, HUMIDITY 96%

HIGH 85

TETRA TECH NUS, INC.

Project: 112G02063	**Brunswick Naval Air Station**

Tailgate Safety Briefing

Date: 7-28-10	**Location:** _____
Time: 0700	**Team #:** _____

1. Reason for Briefing:

✓	**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
Frank Montes		**Tech III**
Jacob Clement		**Tech III**
Tory Smith		**Tech I**
Norm Piper		**Tech I**
Frank Loney		**Tech I**

Briefing Given By:

Name	Signature	Position
~~**Mark Soha**~~ Syd Rodgers		**Team Leader**

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
√	Site Safety Personnel		Decontamination Procedures
√	Site/Work Area Description		Emergency Response/Equipment
√	Physical Hazards		On-Site Injuries/Illness
√	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 Training		Confined Spaces
√	OE Precautions		Other:

4. Remarks:

TETRA TECH NUS, INC.

Project: 112G02063

Safety Meeting Training Record

Date: 8/2/10 **Location: NAS Brunswick, ME**

Time: 0700 **Team #: 1**

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
Syd Rodgers		SUXSO
Frank Montes		Tech III
Mark Soha		Tech III
Jake Clement		Tech III
Norm Piper		Tech I
Frank Loney		Tech I
Alfred Smith		Tech I

Briefing Given By:

Name	Signature	Position
Glen Childers		Safety/QC

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response/Equipment
	Physical Hazards		On-Site Injuries/Illness
	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		Communications
	Task Training		Confined Spaces
X	MEC Precautions	X	Other: Equipment Safety

4. Remarks:

52°, CLEAR, WINDS SE 5-10, HUMIDITY 93%,

HIGH 74 20% CHANCE OF RAIN

TETRA TECH NUS, INC.

Project: 112G02063	**Brunswick Naval Air Station**

Tailgate Safety Briefing

Date: 8-2-10 **Location:** Site 12

Time: 0700 **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
Frank Montes	Frank Montes	Tech III
Jacob Clement	J Clement	Tech III
Tory Smith	[illegible]	Tech I
Norm Piper	[illegible]	Tech I
Frank Loney	Frank Loney	Tech I

Briefing Given By:

Name	Signature	Position
Mark Soha	M Soha	Team Leader

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
X	Site Safety Personnel	X	Decontamination Procedures
X	Site/Work Area Description	X	Emergency Response/Equipment
X	Physical Hazards	X	On-Site Injuries/Illness
	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	X	Medical Monitoring
X	Safe Work Practices	X	Evacuation/Egress Procedures
	Air Monitoring	X	Communications
X	Task Training		Confined Spaces
X	OE Precautions		Other:

4. Remarks:

TETRA TECH NUS, INC.

Project: 112G02063			
Safety Meeting Training Record			
Date: _8/3/10_____		**Location: NAS Brunswick, ME**	
Time: ___0700_____		**Team #: _1_____**	
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
Syd Rodgers	Syd Rodgers	SUXSO
Frank Montes	Frank Montes	Tech III
Mark Soha	Mark Soha	Tech III
Jake Clement	J Clement	Tech III
Norm Piper	N Piper	Tech I
Frank Loney	Frank Loney	Tech I
Alfred Smith	AFS	Tech I

Briefing Given By:

Name	Signature	Position
Glen Childers	[illegible]	Safety/QC

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response/Equipment
	Physical Hazards	X	On-Site Injuries/Illness
	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
	Task Training		Confined Spaces
X	MEC Precautions	X	Other: Equipment Safety

4. Remarks:

64°, CLOUDY, WINDS S @ 5-10, HUMIDITY 96%,
HIGH 78°, 30% CHANCE OF RAIN

TETRA TECH NUS, INC.

Project: 112G02063	
Safety Meeting Training Record	
Date: _8/4/10_____	Location: NAS Brunswick, ME
Time: ___0700_____	Team #: _1_____

1. Reason for Briefing:

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

2. Personnel Attending

Name	Signature	Position
Syd Rodgers		SUXSO
Frank Montes		Tech III
Mark Soha		Tech III
Jake Clement		Tech III
Norm Piper		Tech I
Frank Loney		Tech I
Alfred Smith		Tech I

Briefing Given By:

Name	Signature	Position
Glen Childers		Safety/QC

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response/Equipment
	Physical Hazards		On-Site Injuries/Illness
	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
	Task Training		Confined Spaces
X	MEC Precautions	X	Other: weed eater safety

4. Remarks:

70°, CLOUDY, WINDS SW @ 15-25, HUMIDITY 84% HIGH 88°

20% CHANCE OF RAIN

TETRA TECH NUS, INC.

Project: 112G02063	**Brunswick Naval Air Station**

Tailgate Safety Briefing

Date: 8-4-10 **Location:** _____

Time: 0700 **Team #:** _____

1. Reason for Briefing:

✓	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
Frank Montes	Frank Montes	Tech III
Jacob Clement	J Clement	Tech III
Tory Smith	[illegible]	Tech I
Norm Piper	[illegible]	Tech I
Frank Loney	Frank Loney	Tech I

Briefing Given By:

Name	Signature	Position
Mark Soha	MSoha	Team Leader

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
X	Site Safety Personnel	X	Decontamination Procedures
X	Site/Work Area Description	X	Emergency Response/Equipment
X	Physical Hazards	X	On-Site Injuries/Illness
	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	X	Medical Monitoring
X	Safe Work Practices	X	Evacuation/Egress Procedures
	Air Monitoring	X	Communications
X	Task Training		Confined Spaces
X	OE Precautions		Other:

4. Remarks:

TETRA TECH NUS, INC.

Project: 112G02063			
Safety Meeting Training Record			
Date: _8/5/10_____		Location: NAS Brunswick, ME	
Time: ___0700_____		Team #: _1_____	
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
Syd Rodgers		SUXSO
Frank Montes		Tech III
Mark Soha		Tech III
Jake Clement		Tech III
Norm Piper		Tech I
Frank Loney		Tech I
Alfred Smith		Tech I

Briefing Given By:

Name	Signature	Position
Glen Childers		Safety/QC

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response/Equipment
	Physical Hazards		On-Site Injuries/Illness
	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 Training		Confined Spaces
X	MEC Precautions	X	Other: ticks/mesquetos

4. Remarks:

65°, MOSTLY CLEAR, WINDS SSW @ 5-10, HUMIDITY 97%

HIGH 80°, 40% CHANCE OF AFTERNOON THUNDER STORMS

TETRA TECH NUS, INC.

Project: 112G02063	**Brunswick Naval Air Station**

Tailgate Safety Briefing

Date: 8-5-10 **Location:** _____

Time: 0700 **Team #:** _____

1. Reason for Briefing:

✓	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
Frank Montes	Frank Montes	Tech III
Jacob Clement	J Clement	Tech III
Tory Smith	A F Smith	Tech I
Norm Piper	N Piper	Tech I
Frank Loney	Frank Loney	Tech I

Briefing Given By:

Name	Signature	Position
Mark Soha	Md Soha	Team Leader

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
✓	Site Safety Personnel	✓	Decontamination Procedures
✓	Site/Work Area Description	✓	Emergency Response/Equipment
✓	Physical Hazards	✓	On-Site Injuries/Illness
	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 Training		Confined Spaces
✓	OE Precautions		Other:

4. Remarks:

TETRA TECH NUS, INC.

Project: 112G02063			
Safety Meeting Training Record			
Date: _8/6/10_____		**Location: NAS Brunswick, ME**	
Time: ___0700_____		**Team #: _1_____**	
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
Syd Rodgers		SUXSO
Frank Montes		Tech III
Mark Soha		Tech III
Jake Clement		Tech III
Norm Piper		Tech I
Frank Loney		Tech I
Alfred Smith		Tech I

Briefing Given By:

Name	Signature	Position
Glen Childers		Safety/QC

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response/Equipment
	Physical Hazards		On-Site Injuries/Illness
	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
	Task Training		Confined Spaces
X	MEC Precautions		Other:

4. Remarks:

64°, WINDS W @ 10-20, HUMIDITY 100%, FOG

HIGH 81°

TETRA TECH NUS, INC.

Project: 112G02063	Brunswick Naval Air Station

Tailgate Safety Briefing

Date: 8/6/10 Location: _____

Time: 0700 Team #: _____

1. Reason for Briefing:

	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
Frank Montes	Frank Montes	Tech III
Jacob Clement	J Clement	Tech III
Tory Smith	[illegible]	Tech I
Norm Piper	[illegible]	Tech I
Frank Loney	Frank Loney	Tech I

Briefing Given By:

Name	Signature	Position
Mark Soha	M Soha	Team Leader

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
X	Site Safety Personnel	X	Decontamination Procedures
X	Site/Work Area Description	X	Emergency Response/Equipment
X	Physical Hazards	X	On-Site Injuries/Illness
	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	X	Medical Monitoring
X	Safe Work Practices	X	Evacuation/Egress Procedures
	Air Monitoring	X	Communications
X	Task Training		Confined Spaces
X	OE Precautions		Other:

4. Remarks:

TETRA TECH NUS, INC.

Project: 112G02063			
Safety Meeting Training Record			
Date: _8/9/10_____		**Location: NAS Brunswick, ME**	
Time: ___0700_____		**Team #: _1_____**	
1. Reason for Briefing:			
X	Daily Safety Briefing		New Site Procedure
	Initial Safety Briefing		New Site Information
X	New Task Briefing		Review of Site Information
	Periodic Safety Meeting		Other: (Specify)

2. Personnel Attending

Name	Signature	Position
Syd Rodgers		SUXSO
Frank Montes		Tech III
Mark Soha		Tech III
Jake Clement		Tech III
Norm Piper		Tech I
Frank Loney		Tech I
Alfred Smith		Tech I

Briefing Given By:

Name	Signature	Position
Glen Childers		Safety/QC

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response/Equipment
	Physical Hazards		On-Site Injuries/Illness
	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
	Task Training		Confined Spaces
X	MEC Precautions		Other:

4. Remarks:

68°, CLOUDY, WINDS SSW @ 5-10, HUMIDITY 88%

HIGH 81° 30% CHANCE OF RAIN

TETRA TECH NUS, INC.

Project: 112G02063	Brunswick Naval Air Station

Tailgate Safety Briefing

Date: 8-9-10 Location: _____

Time: 0700 Team #: _____

1. Reason for Briefing:

✓	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
Frank Montes		Tech III
Jacob Clement		Tech III
Tory Smith		Tech I
Norm Piper		Tech I
Frank Loney		Tech I

Briefing Given By:

Name	Signature	Position
Mark Soha		Team Leader

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
✓	Site Safety Personnel	✓	Decontamination Procedures
✓	Site/Work Area Description	✓	Emergency Response/Equipment
✓	Physical Hazards	✓	On-Site Injuries/Illness
	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 Training		Confined Spaces
✓	OE Precautions		Other:

4. Remarks:

TETRA TECH NUS, INC.

Project: 112G02063			
Safety Meeting Training Record			
Date: _8/10/10_____		**Location: NAS Brunswick, ME**	
Time: ___0700_____		**Team #: _1_____**	
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
Syd Rodgers		SUXSO
Frank Montes		Tech III
Mark Soha		Tech III
Jake Clement		Tech III
Norm Piper		Tech I
Frank Loney		Tech I
Alfred Smith		Tech I

iefing Given By:

Name	Signature	Position
hilders		Safety/QC

TETRA TECH NUS, INC.

Project: 112G02063	Brunswick Naval Air Station

Tailgate Safety Briefing

Date: 8-10-10 Location: _____

Time: 0700 Team #: _____

1. Reason for Briefing:

✓	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
Frank Montes	Frank Montes	Tech III
Jacob Clement	J Clement	Tech III
Tory Smith	[illegible]	Tech I
Norm Piper	N R Piper	Tech I
Frank Loney	Frank Loney	Tech I

Briefing Given By:

Name	Signature	Position
Mark Soha	M Soha	Team Leader

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
✓	Site Safety Personnel	✓	Decontamination Procedures
✓	Site/Work Area Description	✓	Emergency Response/Equipment
✓	Physical Hazards	✓	On-Site Injuries/Illness
	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 Training		Confined Spaces
✓	OE Precautions		Other:

4. Remarks:

TETRA TECH NUS, INC.

Project: 112G02063			
Safety Meeting Training Record			
Date: _8/11/10_____		**Location: NAS Brunswick, ME**	
Time: ___0700_____		**Team #: _1_____**	
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
Syd Rodgers		SUXSO
Frank Montes		Tech III
Mark Soha		Tech III
Jake Clement		Tech III
Norm Piper		Tech I
Frank Loney		Tech I
Alfred Smith		Tech I

Briefing Given By:

Name	Signature	Position
Glen Childers		Safety/QC

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response/Equipment
	Physical Hazards		On-Site Injuries/Illness
	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
	Task Training		Confined Spaces
X	MEC Precautions	X	Other: Ticks

4. Remarks:

63°, WINDS NNE @ 5-10, HUMIDITY 93%, CLEARS

HIGH 81°

TETRA TECH NUS, INC.

Name	Signature	Position
Thomas Douglas		NAVEOD TD
Doug Murray		NOSSA

TETRA TECH NUS, INC.

Project: 112G02063	**Brunswick Naval Air Station**

Tailgate Safety Briefing

Date: 8-11-10	**Location:** FMBW
Time: 0700	**Team #:** _____

1. Reason for Briefing:

✓	**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
Frank Montes	Frank Montes	Tech III
Jacob Clement	J Clement	Tech III
Tory Smith	T F Smith	Tech I
Norm Piper	Norm Piper	Tech I
Frank Loney	Frank Loney	Tech I

Briefing Given By:

Name	Signature	Position
Mark Soha	Mark Soha	Team Leader

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
✓	Site Safety Personnel	✓	Decontamination Procedures
✓	Site/Work Area Description	✓	Emergency Response/Equipment
✓	Physical Hazards	✓	On-Site Injuries/Illness
	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 Training		Confined Spaces
✓	OE Precautions		Other:
4. Remarks:			

TETRA TECH NUS, INC.

Project: 112G02063			
Safety Meeting Training Record			
Date: _8/12/10_____		Location: NAS Brunswick, ME	
Time: ___0700_____		Team #: _1_____	
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
Syd Rodgers		SUXSO
Frank Montes		Tech III
Mark Soha		Tech III
Jake Clement		Tech III
Frank Loney		Tech I
Alfred Smith		Tech I
Thomas Douglas		NAVEOD TD

Briefing Given By:

Name	Signature	Position
Glen Childers		Safety/QC

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response/Equipment
	Physical Hazards		On-Site Injuries/Illness
	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
	Task Training		Confined Spaces
X	MEC Precautions		Other:

4. Remarks:

57°, PARTLY CLOUDY, WINDS E @ 5-10, HUMIDITY 93%, HIGH 74°

TETRA TECH NUS, INC.

Project: 112G02063	**Brunswick Naval Air Station**

Tailgate Safety Briefing

Date: 8-12-10 **Location:** FMBW

Time: 0700 **Team #:** _____

1. Reason for Briefing:

✓	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
Frank Montes	Frank Montes	Tech III
Jacob Clement	J Clement	Tech III
Tory Smith	[illegible]	Tech I
Norm Piper		Tech I
Frank Loney	Frank Loney	Tech I

Briefing Given By:

Name	Signature	Position
Mark Soha	[illegible]	Team Leader

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
✓	Site Safety Personnel	✓	Decontamination Procedures
✓	Site/Work Area Description	✓	Emergency Response/Equipment
✓	Physical Hazards	✓	On-Site Injuries/Illness
	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 Training		Confined Spaces
✓	OE Precautions		Other:

4. Remarks:

TETRA TECH NUS, INC.

Project: 112G02063			
Safety Meeting Training Record			
Date: _8/13/10_____		**Location: NAS Brunswick**	
Time: _0710_____		**Team #: _1_____**	
1. Reason for Briefing:			
	Daily Safety Briefing		**New Site Procedure**
	Initial Safety Briefing		**New Site Information**
	New Task Briefing		**Review of Site Information**
	Periodic Safety Meeting	**X**	**Other: (Specify) Demolition**

2. Personnel Attending

Name	Signature	Position
Syd Rodgers	Syd Rodgers	SUXSO
Glen Childers	[illegible]	Safety/QC
Frank Montes	Frank Montes	Tech III
Frank Loney	Frank Loney	Tech I
Alfred Smith	AF Smith	Tech I

Briefing Given By:

Name	Signature	Position
Mark Soha	M Soha	Tech III

TETRA TECH NUS, INC.

Project: 112G02063			
Safety Meeting Training Record			
Date: _8/13/10_____		**Location: NAS Brunswick, ME**	
Time: ___0700_____		**Team #: _1_____**	
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
Syd Rodgers		SUXSO
Frank Montes		Tech III
Mark Soha		Tech III
Frank Loney		Tech I
Alfred Smith		Tech I

Briefing Given By:

Name	Signature	Position
Glen Childers		Safety/QC

TETRA TECH NUS, INC.

Project: 112G02063	Brunswick Naval Air Station

Tailgate Safety Briefing

Date: 8-13-10 Location: BNAS

Time: 0700 Team #: _____

1. Reason for Briefing:

✓	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
Frank Montes	Frank Montes	Tech III
Jacob Clement		Tech III
Tory Smith	AF Smith	Tech I
Norm Piper		Tech I
Frank Loney	Frank Loney	Tech I

Briefing Given By:

Name	Signature	Position
Mark Soha	MSoha	Team Leader

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
✓	Site Safety Personnel	✓	Decontamination Procedures
✓	Site/Work Area Description	✓	Emergency Response/Equipment
✓	Physical Hazards	✓	On-Site Injuries/Illness
	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 Training		Confined Spaces
✓	OE Precautions		Other:

4. Remarks:

TETRA TECH NUS, INC.

3. Topics: (Check All That Apply)			
	Site Safety Personnel		Decontamination Procedures
	Site/Work Area Description		Emergency Response/Equipment
	Physical Hazards		On-Site Injuries/Illness
	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
	Task Training		Confined Spaces
X	MEC Precautions		Other:

4. Remarks:

52°, FOG, PARTLY CLOUDY, WINDS ESE @ 5-10,

HUMIDITY 94%, HIGH 77

TETRA TECH

MRP FF.22
DAILY TAILGATE SAFETY BRIEFING/TRAINING RECORD

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

1. Briefing(s) Given By:	Name	Signature	Position
	Pete Dummitt		UXOSO
Date: 10-22-2011	Time: 0700	Team #: N/A	

2. Reason for Briefing:

___ Initial Safety Briefing	___ New Site Procedure:_____
_X_ Daily Safety Briefing	___ New Site Information:_____
_X_ New Task Briefing:__	___ Review of Site Information
___ Periodic Safety Meeting	___ Other: (Specify)_____

3. List Today's Project Tasks (reference definable features of work – See Worksheet 12.):

☐ Site Preparation (incl. mobilization)	☒ Detector Aided Survey	☐ MPPEH Management (Inspection)
☐ Site Survey	☐ Target Acquisition	☐ MPPEH Management (Cert.)
☒ Vegetation Management	☐ Manual Intrusive Operations	☐ MPPEH Management (Disposal)
☒ GPS Positional Data	☐ Donor Explosives Handling	☐ Demobilization
☒ IVS	☐ MEC Management (Treatment)	☐ Other:

4. Safety Topics: (Check All That Apply – per AHA or Work Permit)

_ _ Site Safety Personnel	___ Decontamination Procedures
___ Site/Work Area Description	___ Emergency Response/Equipment
_X_ Physical Hazards	_ _ On-Site Injuries/Illness
___ 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	_ _ Communications
_X_ Task Training	___ Confined Spaces
___ OE Precautions	___ Other:

5. Remarks:
Drink plenty of water, Mag techniques, Quality of work preformed and use proper PPE

6. Personnel Attending

Name	Signature	Position
Syd Rodgers		SUXOS
Frank Montes		Team Leader/Tech III
Shaun Woods		Tech II
Nick Brantley		Tech II

Last Revised: 3/31/2011

TETRA TECH

MRP FF.22
DAILY TAILGATE SAFETY BRIEFING/TRAINING RECORD

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

Date:

Name	Signature	Position
James Corder		Tech I

Last Revised: 3/31/2011

TETRA TECH

MRP FF.22
DAILY TAILGATE SAFETY BRIEFING/TRAINING RECORD

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

1. Briefing(s) Given By:	Name	Signature	Position
	Pete Dummitt		UXOSO
Date: 10-23-2011	Time: 0700	Team #: N/A	

2. Reason for Briefing:

___ Initial Safety Briefing	_X__ New Site Procedure:_____
_X_ Daily Safety Briefing	___ New Site Information:_____
_X_ New Task Briefing:__	___ Review of Site Information
___ Periodic Safety Meeting	___ Other: (Specify)_____

3. List Today's Project Tasks (reference definable features of work – See Worksheet 12.):

☒ Site Preparation (incl. mobilization)	☐ Detector Aided Survey	☐ MPPEH Management (Inspection)
☒ Site Survey	☐ Target Acquisition	☐ MPPEH Management (Cert.)
☒ Vegetation Management	☐ Manual Intrusive Operations	☐ MPPEH Management (Disposal)
☒ GPS Positional Data	☐ Donor Explosives Handling	☐ Demobilization
☒ IVS	☐ MEC Management (Treatment)	☐ Other:

4. Safety Topics: (Check All That Apply – per AHA or Work Permit)

_ _ Site Safety Personnel	___ Decontamination Procedures
___ Site/Work Area Description	___ Emergency Response/Equipment
_X__ Physical Hazards	_ _ On-Site Injuries/Illness
___ 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	_ _ Communications
_X__ Task Training	___ Confined Spaces
___ OE Precautions	___ Other:

5. Remarks:
Drink plenty of water, Mag techniques, Quality of work preformed and use proper PPE. New site prep.

6. Personnel Attending

Name	Signature	Position
Syd Rodgers		SUXOS
Frank Montes		Team Leader/Tech III
Shaun Woods		Tech II
Nick Brantley		Tech II

Last Revised: 3/31/2011

TETRA TECH

MRP FF.22
DAILY TAILGATE SAFETY BRIEFING/TRAINING RECORD

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

Date:

Name	Signature	Position
James Corder		Tech I

TETRA TECH

MRP FF.22
DAILY TAILGATE SAFETY BRIEFING/TRAINING RECORD

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

1. Briefing(s) Given By:	Name	Signature	Position
	Pete Dummitt		UXOSO
Date: 10-24-2011	Time: 0700	Team #: N/A	

2. Reason for Briefing:

___ Initial Safety Briefing	___ New Site Procedure:_____
_X_ Daily Safety Briefing	___ New Site Information:_____
_X_ New Task Briefing:__	___ Review of Site Information
___ Periodic Safety Meeting	___ Other: (Specify)_____

3. List Today's Project Tasks (reference definable features of work – See Worksheet 12.):

☒ Site Preparation (incl. mobilization)	☐ Detector Aided Survey	☐ MPPEH Management (Inspection)
☐ Site Survey	☐ Target Acquisition	☐ MPPEH Management (Cert.)
☒ Vegetation Management	☐ Manual Intrusive Operations	☐ MPPEH Management (Disposal)
☒ GPS Positional Data	☐ Donor Explosives Handling	☐ Demobilization
☒ IVS	☐ MEC Management (Treatment)	☐ Other:

4. Safety Topics: (Check All That Apply – per AHA or Work Permit)

__ Site Safety Personnel	___ Decontamination Procedures
___ Site/Work Area Description	___ Emergency Response/Equipment
_X_ Physical Hazards	__ On-Site Injuries/Illness
___ Chemical/Biological Hazards	___ 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	___ Evacuation/Egress Procedures
___ Air Monitoring	__ Communications
___ Task Training	___ Confined Spaces
___ OE Precautions	___ Other:

5. Remarks:
Drink plenty of water, Observe power equipment precautions, Quality of work preformed and use proper PPE. New site prep.

6. Personnel Attending

Name	Signature	Position
Syd Rodgers		SUXOS
Frank Montes		Team Leader/Tech III
Shaun Woods		Tech II
Nick Brantley		Tech II

Last Revised: 3/31/2011

TETRA TECH

MRP FF.22
DAILY TAILGATE SAFETY BRIEFING/TRAINING RECORD

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

Date:

Name	Signature	Position
James Corder		Tech I

TETRA TECH

MRP FF.22
DAILY TAILGATE SAFETY BRIEFING/TRAINING RECORD

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

	Name	Signature	Position
1. Briefing(s) Given By:	Pete Dummitt		UXOSO
Date: 10-25-2011	Time: 0700	Team #: N/A	

2. Reason for Briefing:

___ Initial Safety Briefing	__ New Site Procedure:_____
_X_ Daily Safety Briefing	___ New Site Information:_____
__ New Task Briefing:__	___ Review of Site Information
___ Periodic Safety Meeting	___ Other: (Specify)_____

3. List Today's Project Tasks (reference definable features of work – See Worksheet 12.):

☐ Site Preparation (incl. mobilization)	☐ Detector Aided Survey	☐ MPPEH Management (Inspection)
☐ Site Survey	☐ Target Acquisition	☐ MPPEH Management (Cert.)
☒ Vegetation Management	☐ Manual Intrusive Operations	☐ MPPEH Management (Disposal)
☒ GPS Positional Data	☐ Donor Explosives Handling	☐ Demobilization
☒ IVS	☐ MEC Management (Treatment)	☐ Other:

4. Safety Topics: (Check All That Apply – per AHA or Work Permit)

__ Site Safety Personnel	___ Decontamination Procedures
___ Site/Work Area Description	___ Emergency Response/Equipment
_X_ Physical Hazards	__ On-Site Injuries/Illness
___ Chemical/Biological Hazards	___ 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	___ Evacuation/Egress Procedures
___ Air Monitoring	__ Communications
___ Task Training	___ Confined Spaces
___ OE Precautions	___ Other:

5. Remarks:
Drink plenty of water, Observe power equipment precautions, Quality of work preformed and use proper PPE. New site prep.

6. Personnel Attending

Name	Signature	Position
Syd Rodgers		SUXOS
Frank Montes		Team Leader/Tech III
Shaun Woods		Tech II
Nick Brantley		Tech II

Last Revised: 3/31/2011

TETRA TECH

MRP FF.22
DAILY TAILGATE SAFETY BRIEFING/TRAINING RECORD

Facility/Location: **Former NAS Brunswick Maine**

Site(s): **The Quarry and Site 12**

Date:

Name	Signature	Position
James Corder		Tech I

TETRA TECH

MRP FF.22
DAILY TAILGATE SAFETY BRIEFING/TRAINING RECORD

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

1. Briefing(s) Given By:	Name	Signature	Position
	Pete Dummitt	Pete Dum	UXOSO
Date: 10-26-2011	Time: 0700	Team #: N/A	

2. Reason for Briefing:

___ Initial Safety Briefing	___ New Site Procedure:_____
_X_ Daily Safety Briefing	___ New Site Information:_____
_X_ New Task Briefing:__	___ Review of Site Information
___ Periodic Safety Meeting	___ Other: (Specify)_____

3. List Today's Project Tasks (reference definable features of work – See Worksheet 12.):

☐ Site Preparation (incl. mobilization)	☒ Detector Aided Survey	☐ MPPEH Management (Inspection)
☐ Site Survey	☒ Target Acquisition	☐ MPPEH Management (Cert.)
☒ Vegetation Management	☒ Manual Intrusive Operations	☐ MPPEH Management (Disposal)
☒ GPS Positional Data	☐ Donor Explosives Handling	☐ Demobilization
☒ IVS	☐ MEC Management (Treatment)	☐ Other:

4. Safety Topics: (Check All That Apply – per AHA or Work Permit)

__ Site Safety Personnel	___ Decontamination Procedures
___ Site/Work Area Description	___ Emergency Response/Equipment
_X_ Physical Hazards	__ On-Site Injuries/Illness
___ Chemical/Biological Hazards	___ 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	___ Evacuation/Egress Procedures
___ Air Monitoring	__ Communications
___ Task Training	___ Confined Spaces
___ OE Precautions	___ Other:

5. Remarks:
Drink plenty of water, Dig to side of hit not on top, Quality of work preformed and use proper PPE.

6. Personnel Attending

Name	Signature	Position
Syd Rodgers	Syd Rodgers	SUXOS
Frank Montes	Frank Montes	Team Leader/Tech III
Shaun Woods	SWoods	Tech II
Nick Brantley	[illegible]	Tech II

TETRA TECH

MRP FF.22
DAILY TAILGATE SAFETY BRIEFING/TRAINING RECORD

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

Date:

Name	Signature	Position
James Corder		Tech I

Last Revised: 3/31/2011

TETRA TECH

MRP FF.22
DAILY TAILGATE SAFETY BRIEFING/TRAINING RECORD

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

1. Briefing(s) Given By:	Name	Signature	Position
	Pete Dummitt	Pete Dummitt	UXOSO
Date: 10-31-2011	Time: 0700	Team #: N/A	

2. Reason for Briefing:

___ Initial Safety Briefing	_ _ New Site Procedure:_____
_X_ Daily Safety Briefing	___ New Site Information:_____
_ _ New Task Briefing:__	___ Review of Site Information
___ Periodic Safety Meeting	___ Other: (Specify)_____

3. List Today's Project Tasks (reference definable features of work – See Worksheet 12.):

☐ Site Preparation (incl. mobilization)	☐ Detector Aided Survey	☐ MPPEH Management (Inspection)
☐ Site Survey	☐ Target Acquisition	☐ MPPEH Management (Cert.)
☒ Vegetation Management	☐ Manual Intrusive Operations	☐ MPPEH Management (Disposal)
☒ GPS Positional Data	☐ Donor Explosives Handling	☐ Demobilization
☒ IVS	☐ MEC Management (Treatment)	☐ Other:

4. Safety Topics: (Check All That Apply – per AHA or Work Permit)

_ _ Site Safety Personnel	___ Decontamination Procedures
___ Site/Work Area Description	___ Emergency Response/Equipment
_X__ Physical Hazards	_ _ On-Site Injuries/Illness
___ Chemical/Biological Hazards	___ 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	___ Evacuation/Egress Procedures
___ Air Monitoring	_ _ Communications
___ Task Training	___ Confined Spaces
___ OE Precautions	___ Other:

5. Remarks:
Drink plenty of water, Observe power equipment precautions, Quality of work preformed and use proper PPE. New site prep. Slips, Trips and Falls

6. Personnel Attending

Name	Signature	Position
Syd Rodgers	Syd Rodgers	SUXOS
Frank Montes	Frank Montes	Team Leader/Tech III
Shaun Woods	Shaun Woods	Tech II
Nick Brantley	Nick Brantley	Tech II

TETRA TECH

MRP FF.22
DAILY TAILGATE SAFETY BRIEFING/TRAINING RECORD

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

Date:

Name	Signature	Position
James Corder		Tech I

TETRA TECH

MRP FF.22
DAILY TAILGATE SAFETY BRIEFING/TRAINING RECORD

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

1. Briefing(s) Given By:	Name	Signature	Position
	Pete Dummitt		UXOSO
Date: 11-1-2011	Time: 0700	Team #: N/A	

2. Reason for Briefing:

___ Initial Safety Briefing	_ _ New Site Procedure:_____
_X_ Daily Safety Briefing	___ New Site Information:_____
_ _ New Task Briefing:__	___ Review of Site Information
___ Periodic Safety Meeting	___ Other: (Specify)_____

3. List Today's Project Tasks (reference definable features of work – See Worksheet 12.):

☐ Site Preparation (incl. mobilization)	☒ Detector Aided Survey	☐ MPPEH Management (Inspection)
☐ Site Survey	☐ Target Acquisition	☐ MPPEH Management (Cert.)
☒ Vegetation Management	☐ Manual Intrusive Operations	☐ MPPEH Management (Disposal)
☒ GPS Positional Data	☐ Donor Explosives Handling	☐ Demobilization
☒ IVS	☐ MEC Management (Treatment)	☐ Other:

4. Safety Topics: (Check All That Apply – per AHA or Work Permit)

_ _ Site Safety Personnel	___ Decontamination Procedures
___ Site/Work Area Description	___ Emergency Response/Equipment
_X_ Physical Hazards	_ _ On-Site Injuries/Illness
___ Chemical/Biological Hazards	___ 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	___ Evacuation/Egress Procedures
___ Air Monitoring	_ _ Communications
___ Task Training	___ Confined Spaces
___ OE Precautions	___ Other:

5. Remarks:
Drink plenty of water, Observe power equipment precautions, Quality of work preformed and use proper PPE. New site prep. Slips, Trips, Slides and Falls. Snow on the ground.

6. Personnel Attending

Name	Signature	Position
Syd Rodgers		SUXOS
Frank Montes		Team Leader/Tech III
Shaun Woods		Tech II
Nick Brantley		Tech II

Last Revised: 3/31/2011

TETRA TECH

MRP FF.22
DAILY TAILGATE SAFETY BRIEFING/TRAINING RECORD

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

Date:

Name	Signature	Position
James Corder		Tech I

Last Revised: 3/31/2011

TETRA TECH

MRP FF.22
DAILY TAILGATE SAFETY BRIEFING/TRAINING RECORD

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

1. Briefing(s) Given By:	Name	Signature	Position
	Pete Dummitt		UXOSO
Date: 11-2-2011	Time: 0700	Team #: N/A	

2. Reason for Briefing:

___ Initial Safety Briefing	_ __ New Site Procedure:_____
_X_ Daily Safety Briefing	___ New Site Information:_____
_ _ New Task Briefing:__	___ Review of Site Information
___ Periodic Safety Meeting	___ Other: (Specify)_____

3. List Today's Project Tasks (reference definable features of work – See Worksheet 12.):

☐ Site Preparation (incl. mobilization)	☒ Detector Aided Survey	☐ MPPEH Management (Inspection)
☐ Site Survey	☐ Target Acquisition	☐ MPPEH Management (Cert.)
☐ Vegetation Management	☐ Manual Intrusive Operations	☐ MPPEH Management (Disposal)
☒ GPS Positional Data	☐ Donor Explosives Handling	☐ Demobilization
☒ IVS	☐ MEC Management (Treatment)	☐ Other:

4. Safety Topics: (Check All That Apply – per AHA or Work Permit)

_ _ Site Safety Personnel	___ Decontamination Procedures
___ Site/Work Area Description	___ Emergency Response/Equipment
_X__ Physical Hazards	_ _ On-Site Injuries/Illness
___ 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
___ Task Training	___ Confined Spaces
___ OE Precautions	___ Other:

5. Remarks:
Drink plenty of water, Quality of work preformed and use proper PPE. New site prep. Slips, Trips and Falls.

6. Personnel Attending

Name	Signature	Position
Syd Rodgers		SUXOS
Frank Montes		Team Leader/Tech III
Shaun Woods		Tech II
Nick Brantley		Tech II

Last Revised: 3/31/2011

TETRA TECH

MRP FF.22

DAILY TAILGATE SAFETY BRIEFING/TRAINING RECORD

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

Date:

Name	Signature	Position
James Corder		Tech I

TETRA TECH

MRP FF.22
DAILY TAILGATE SAFETY BRIEFING/TRAINING RECORD

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

1. Briefing(s) Given By:	Name	Signature	Position
	Pete Dummitt		UXOSO
Date: 11-3-2011	Time: 0700	Team #: N/A	

2. Reason for Briefing:

___ Initial Safety Briefing	_ __ New Site Procedure:_____
_X_ Daily Safety Briefing	___ New Site Information:_____
_ _ New Task Briefing:__	___ Review of Site Information
___ Periodic Safety Meeting	___ Other: (Specify)_____

3. List Today's Project Tasks (reference definable features of work – See Worksheet 12.):

☐ Site Preparation (incl. mobilization)	☒ Detector Aided Survey	☐ MPPEH Management (Inspection)
☐ Site Survey	☐ Target Acquisition	☐ MPPEH Management (Cert.)
☐ Vegetation Management	☐ Manual Intrusive Operations	☐ MPPEH Management (Disposal)
☒ GPS Positional Data	☐ Donor Explosives Handling	☐ Demobilization
☒ IVS	☐ MEC Management (Treatment)	☐ Other:

4. Safety Topics: (Check All That Apply – per AHA or Work Permit)

_ _ Site Safety Personnel	___ Decontamination Procedures
___ Site/Work Area Description	___ Emergency Response/Equipment
_X__ Physical Hazards	_ _ On-Site Injuries/Illness
___ 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
___ Task Training	___ Confined Spaces
___ OE Precautions	___ Other:

5. Remarks:
Drink plenty of water, Quality of work preformed and use proper PPE. New site prep. Slips, Trips and Falls.

6. Personnel Attending

Name	Signature	Position
Syd Rodgers		SUXOS
Frank Montes		Team Leader/Tech III
Shaun Woods		Tech II
Nick Brantley		Tech II

Last Revised: 3/31/2011

TETRA TECH

MRP FF.22

DAILY TAILGATE SAFETY BRIEFING/TRAINING RECORD

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

Date:

Name	Signature	Position
James Corder		Tech I

Last Revised: 3/31/2011

TETRA TECH

MRP FF.22
DAILY TAILGATE SAFETY BRIEFING/TRAINING RECORD

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

	Name	Signature	Position
1. Briefing(s) Given By:	Pete Dummitt		UXOSO
Date: 11-4-2011	Time: 0700	Team #: N/A	

2. Reason for Briefing:

___ Initial Safety Briefing	_ __ New Site Procedure:_____
_X_ Daily Safety Briefing	___ New Site Information:_____
_ _ New Task Briefing:__	___ Review of Site Information
___ Periodic Safety Meeting	___ Other: (Specify)_____

3. List Today's Project Tasks (reference definable features of work – See Worksheet 12.):

☐ Site Preparation (incl. mobilization)	☒ Detector Aided Survey	☐ MPPEH Management (Inspection)
☐ Site Survey	☐ Target Acquisition	☐ MPPEH Management (Cert.)
☐ Vegetation Management	☐ Manual Intrusive Operations	☐ MPPEH Management (Disposal)
☒ GPS Positional Data	☐ Donor Explosives Handling	☐ Demobilization
☒ IVS	☐ MEC Management (Treatment)	☐ Other:

4. Safety Topics: (Check All That Apply – per AHA or Work Permit)

_ _ Site Safety Personnel	___ Decontamination Procedures
___ Site/Work Area Description	___ Emergency Response/Equipment
_X___ Physical Hazards	_ _ On-Site Injuries/Illness
___ 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
___ Task Training	___ Confined Spaces
___ OE Precautions	___ Other:

5. Remarks:
Drink plenty of water, Quality of work preformed and use proper PPE. New site prep. Slips, Trips and Falls.

6. Personnel Attending

Name	Signature	Position
Syd Rodgers		SUXOS
Frank Montes		Team Leader/Tech III
Shaun Woods		Tech II
Nick Brantley		Tech II

Last Revised: 3/31/2011

TETRA TECH

MRP FF.22
DAILY TAILGATE SAFETY BRIEFING/TRAINING RECORD

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

Date:

Name	Signature	Position
James Corder		Tech I

B.7 LESSONS LEARNED

LESSONS LEARNED REPORT FORM

Client:	Project Number:112G02063
Project: NAS Brunswick	Location: Brunswick, ME
Type Of Project: MEC	

I. TOPIC

Fire

II. DESCRIPTION (Narrative of relevant events, problem, impact)

Demolition shot started a grass fire, approximately ¼ acre burned.

III. LESSON(S) LEARNED (e.g. Project Specific, Location Specific, Company-wide):

Project Specific

IV. RECOMMENDED FUTURE ACTION
(e.g., Revise Project Procedures, Company Procedures, Additional Training):.

Have the Fire Department stand by during demo operations and suggest they wet-down the area before demo operations.

V. EVALUATION BY DEPARTMENT HEAD (e.g., Support Recommendation, Alternate Recommendation):

VI. List supporting data/ references (if applicable)

Reference/ Supporting Data:	Location:

VII. ☐ PM	☐ QCM	☒ UXO Program Manager
Name *(Signature)*	Name *(Signature)*	Name *(Signature)* Ralph Brooks
Date	Date	Date 6/22/10
☐ Accepted ☐ Rejected ☐ Accepted with Comments Comments:	☐ Accepted ☐ Rejected ☐ Accepted with Comments Comments:	☒ Accepted ☐ Rejected ☐ Accepted with Comments Comments:

VIII. Forward Approved Lessons Learned Report to Program Manager

Name *(Signature)*	Date	☐ Accepted ☐ Rejected ☐ Accepted with Comments Comments:

B.8 INITIAL PHASE INSPECTION REPORT

INITIAL PHASE INSPECTION REPORT

Project Name: NAS Brunswick Report No: 1

Project No: 112G02063 Location: Brunswick, ME Date: 6/7/10

I. Definable Feature of Work

☒ Mob/Site Prep/Site Security	☐ Data Processing and Interpretation	☐
☐ UXO Escort/Avoidance	☐ Disposal of MEC	☐
☐ Site-Specific Training/IVS Cert	☐ Non-MEC Disposal	☐
☐ Detector Surface Sweep	☐ Demobilization	☐
☐ Surface/Subsurface Clearance	☐	☐ Other:

II. References (DOD Inst, Corporate references, SOPs, etc.):

Work Plan,

III. Personnel Present (employees performing the work) Attach supplemental sheet if necessary

Name	Position	Company
Jeff Fournier	UXO Site Manager	Tetra Tech NUS
SYd Rodgers	SUXOS	Tetra Tech NUS

IV. Preparatory Work (equipment set up & testing, EZ set up, logbook entries, etc.)

Is preliminary work complete and correct? ☐ Yes ☒ No

If No, what action(s) will be taken? A local electrician was called in to properly ground the magazines. Grass will be cut around the magazines when weed eaters are received.

V. Task Execution

Is work being completed in accordance with plans and specifications? ☐ Yes ☐ No

If No, what corrective action(s) will be taken?

Is workmanship acceptable? ☐ Yes ☐ No

If No, what action(s) will be taken?

V. Resolve Differences

INITIAL PHASE INSPECTION REPORT

Project Name: NAS Brunswick Report No: 1

Project No: 112G02063 Location: Brunswick, ME Date: 6/7/10

Comments: Deficiencies the magazine grounding procedures were identified during a site visit by base personnel. The Tetra Tech Electrician sent in originally to ground the magazines did not know the proper grounding procedures for explosive magazines IAW OP5. Equipment used to cut grass around magazines has not been rented yet. The discrepancies are being corrected as fast as possible and will be corrected prior to any explosives being stored in them.

VI. Safety (Review work conditions using HASP and AHAs)

Comments:

VII. Results of Inspection

☐ Acceptable ☒ Unacceptable NCR #:

Name: Glen Childers Signature: Date: 6/7/20

QC Manager Comments

QC Manager Review

☐ Concur ☐ Non-Concur Signature: Date

VIII. Distribution

☐ PM ☐ UXO Project MGR ☐ UXOS/QC ☐ SUXOS ☐ CLIENT REP

Revised May 2006

INITIAL PHASE INSPECTION REPORT

Project Name: NAS Brunswick Report No: 2

Project No: 112G02063 Location: Brunswick, ME Date: 6/8/10

I. Definable Feature of Work

- [x] Project Management
- [ ] Excavation Observation/Operations
- [ ] MPPEH Processing/ Certification
- [ ] Safety Meetings
- [ ] Documentation Control
- [ ] Field Data Entry
- [ ] UXO Escort/ Avoidance Operations
- [ ] MEC Transfer to EOD
- [x] Mobilization/Demobilization
- [ ] Document Review
- [ ] Data Management
- [ ] MEC Visual Survey/Certification Operation
- [ ] Equipment Management/ Checks
- [ ] Acceptance Sampling
- [ ] Other:

II. References (DOD Inst, Corporate references, SOPs, etc.):

Work Plan, Health and Safety Plan, SOP's, 8 Hr OSHA Refresher

III. Personnel Present (employees performing the work) Attach supplemental sheet if necessary

Name	Position	Company
Jeff Fournier	UXO Site Manager	Tetra Tech NUS
Syd Rodgers	SUXOS	Tetra Tech NUS
Peter Dummitt	Tech III	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Ed Alder	Tech II	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS

IV. Preparatory Work (equipment set up & testing, EZ set up, logbook entries, etc.)

Is preliminary work complete and correct? [x] Yes [ ] No

If No, what action(s) will be taken?

V. Task Execution

Is work being completed in accordance with plans and specifications? [ ] Yes [ ] No

If No, what corrective action(s) will be taken?

Is workmanship acceptable? [ ] Yes [ ] No

If No, what action(s) will be taken?

INITIAL PHASE INSPECTION REPORT

Project Name: NAS Brunswick | Report No: 2

Project No: 112G02063 | Location: Brunswick, ME | Date: 6/8/10

V. Resolve Differences

Comments: Pete Dummitt gave the OSHA 8 hr refresher course to all personnel except Jeff Fournier and Syd Rodgers. The Health and Safety Plan, work Plan and SOP's were reviewed.

VI. Safety (Review work conditions using HASP and AHAs)

Comments:

VII. Results of Inspection

☒ Acceptable ☐ Unacceptable | NCR #:

Name: Glen Childers | Signature: | Date:6/8/10

QC Manager Comments

QC Manager Review

☐ Concur ☐ Non-Concur | Signature: | Date

VIII. Distribution

☐ PM ☐ UXO Project MGR ☐ UXOS/QC ☐ SUXOS ☐ CLIENT REP

Revised May 2006

INITIAL PHASE INSPECTION REPORT

Project Name: NAS Brunswick Report No: 3

Project No: 112G02063 Location: Brunswick, ME Date: 6/9/10

I. Definable Feature of Work

- ☒ Project Management
- ☐ Excavation Observation/Operations
- ☐ MPPEH Processing/ Certification
- ☐ Safety Meetings
- ☒ Documentation Control
- ☐ Field Data Entry
- ☐ UXO Escort/ Avoidance Operations
- ☐ MEC Transfer to EOD
- ☒ Mobilization/Demobilization
- ☐ Document Review
- ☐ Data Management
- ☐ MEC Visual Survey/Certification Operation
- ☐ Equipment Management/ Checks
- ☐ Acceptance Sampling
- ☐ Other:

II. References (DOD Inst, Corporate references, SOPs, etc.):

Work Plan, Health and Safety Plan, SOP's

III. Personnel Present (employees performing the work) Attach supplemental sheet if necessary

Name	Position	Company
Jeff Fournier	UXO Site Manager	Tetra Tech NUS
Syd Rodgers	SUXOS	Tetra Tech NUS
Peter Dummitt	Tech III	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Ed Alder	Tech II	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS

IV. Preparatory Work (equipment set up & testing, EZ set up, logbook entries, etc.)

Is preliminary work complete and correct? ☒ Yes ☐ No

If No, what action(s) will be taken?

V. Task Execution

Is work being completed in accordance with plans and specifications? ☒ Yes ☐ No

If No, what corrective action(s) will be taken?

Is workmanship acceptable? ☒ Yes ☐ No

If No, what action(s) will be taken?

INITIAL PHASE INSPECTION REPORT

Project Name: NAS Brunswick | Report No: 3

Project No: 112G02063 | Location: Brunswick, ME | Date: 6/9/10

V. Resolve Differences

Comments: Proper grounds were installed on magazines, and grass cut around the magazines. IVS was installed. Explosives were received and inventoried.

VI. Safety (Review work conditions using HASP and AHAs)

Comments:

VII. Results of Inspection

☒ Acceptable ☐ Unacceptable | NCR #:

Name: Glen Childers | Signature: | Date:6/9/10

QC Manager Comments

QC Manager Review

☐ Concur ☐ Non-Concur | Signature: | Date

VIII. Distribution

☐ PM ☐ UXO Project MGR ☐ UXOS/QC ☐ SUXOS ☐ CLIENT REP

Revised May 2006

INITIAL PHASE INSPECTION REPORT

Project Name: NAS Brunswick Report No: 4

Project No: 112G02063 Location: Brunswick, ME Date: 6/10/10

I. Definable Feature of Work

- ☐ Project Management
- ☐ Excavation Observation/Operations
- ☐ MPPEH Processing/ Certification
- ☐ Safety Meetings
- ☐ Documentation Control
- ☐ Field Data Entry
- ☐ UXO Escort/ Avoidance Operations
- ☐ MEC Transfer to EOD
- ☒ Mobilization/Demobilization
- ☐ Document Review
- ☐ Data Management
- ☐ MEC Visual Survey/Certification Operation
- ☐ Equipment Management/ Checks
- ☐ Acceptance Sampling
- ☐ Other:

II. References (DOD Inst, Corporate references, SOPs, etc.):

Work Plan

III. Personnel Present (employees performing the work) Attach supplemental sheet if necessary

Name	Position	Company
Jeff Fournier	UXO Site Manager	Tetra Tech NUS
Syd Rodgers	SUXOS	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Ed Alder	Tech II	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS

IV. Preparatory Work (equipment set up & testing, EZ set up, logbook entries, etc.)

Is preliminary work complete and correct? ☒ Yes ☐ No

If No, what action(s) will be taken?

V. Task Execution

Is work being completed in accordance with plans and specifications? ☒ Yes ☐ No

If No, what corrective action(s) will be taken?

Is workmanship acceptable? ☒ Yes ☐ No

If No, what action(s) will be taken?

V. Resolve Differences

INITIAL PHASE INSPECTION REPORT

Project Name: NAS Brunswick | Report No: 4

Project No: 112G02063 | Location: Brunswick, ME | Date: 6/10/10

Comments: Vegetation control using bush hog and weed eater.

VI. Safety (Review work conditions using HASP and AHAs)

Comments:

VII. Results of Inspection

☒ Acceptable ☐ Unacceptable | NCR #:

Name: Glen Childers | Signature: | Date:6/10/10

QC Manager Comments

QC Manager Review

☐ Concur ☐ Non-Concur | Signature: | Date

VIII. Distribution

☒ PM ☒ UXO Project MGR ☐ UXOS/QC ☒ SUXOS ☐ CLIENT REP

Revised May 2006

INITIAL PHASE INSPECTION REPORT

Project Name: NAS Brunswick Report No: 5

Project No: 112G02063 Location: Brunswick, ME Date: 6/11/10

I. Definable Feature of Work

- ☒ Mob/Site Prep/Site Security
- ☐ UXO Escort/Avoidance
- ☐ Site-Specific Training/IVS Cert
- ☐ Detector Surface Sweep
- ☐ Surface/Subsurface Clearance
- ☐ Data Processing and Interpretation
- ☐ Disposal of MEC
- ☐ Non-MAC Disposal
- ☐ Demobilization
- ☐
- ☐
- ☐
- ☐
- ☐ Other:

II. References (DOD Inst, Corporate references, SOPs, etc.):

Work Plan

III. Personnel Present (employees performing the work) Attach supplemental sheet if necessary

Name	Position	Company
Jeff Fournier	UXO Site Manager	Tetra Tech NUS
Syd Rodgers	SUXOS	Tetra Tech NUS
Peter Dummitt	Tech III	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Ed Alder	Tech II	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS

IV. Preparatory Work (equipment set up & testing, EZ set up, logbook entries, etc.)

Is preliminary work complete and correct? ☒ Yes ☐ No

If No, what action(s) will be taken?

V. Task Execution

Is work being completed in accordance with plans and specifications? ☒ Yes ☐ No

If No, what corrective action(s) will be taken?

Is workmanship acceptable? ☒ Yes ☐ No

If No, what action(s) will be taken?

INITIAL PHASE INSPECTION REPORT

Project Name: NAS Brunswick Report No: 5

Project No: 112G02063 Location: Brunswick, ME Date: 6/11/10

V. Resolve Differences

Comments: Vegetation control using weed eater and brush hog. Staking out grids using GPS, mark perimeter of site 12 EOD Area with pin flags.

VI. Safety (Review work conditions using HASP and AHAs)

Comments: All personnel were wearing appropriate PPE for task being preformed.

VII. Results of Inspection

☒ Acceptable ☐ Unacceptable NCR #:

Name: Glen Childers Signature: Date:6/11/10

QC Manager Comments

QC Manager Review

☐ Concur ☐ Non-Concur Signature: Date

VIII. Distribution

☒ PM ☒ UXO Project MGR ☐ UXOS/QC ☒ SUXOS ☐ CLIENT REP

Revised May 2006

INITIAL PHASE INSPECTION REPORT

Project Name: NAS Brunswick Report No: 6

Project No: 112G02063 Location: Brunswick, ME Date: 6/12/10

I. Definable Feature of Work

- ☒ Mob/Site Prep/Site Security
- ☐ UXO Escort/Avoidance
- ☐ Site-Specific Training/IVS Cert
- ☐ Detector Surface Sweep
- ☐ Surface/Subsurface Clearance
- ☐ Data Processing and Interpretation
- ☐ Disposal of MEC
- ☐ Non-MAC Disposal
- ☐ Demobilization
- ☐
- ☐
- ☐
- ☐
- ☐ Other:

II. References (DOD Inst, Corporate references, SOPs, etc.):

Work Plan

III. Personnel Present (employees performing the work) Attach supplemental sheet if necessary

Name	Position	Company
Syd Rodgers	SUXOS	Tetra Tech NUS
Glen Childers	Safety/QC	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Ed Alder	Tech II	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS

IV. Preparatory Work (equipment set up & testing, EZ set up, logbook entries, etc.)

Is preliminary work complete and correct? ☒ Yes ☐ No

If No, what action(s) will be taken?

V. Task Execution

Is work being completed in accordance with plans and specifications? ☒ Yes ☐ No

If No, what corrective action(s) will be taken?

Is workmanship acceptable? ☒ Yes ☐ No

If No, what action(s) will be taken?

V. Resolve Differences

INITIAL PHASE INSPECTION REPORT

Project Name: NAS Brunswick Report No: 6

Project No: 112G02063 Location: Brunswick, ME Date: 6/12/10

Comments: Vegetation control using weed eater and brush hog. Grass cutting and marking boundary of FMBW with pin flags.

VI. Safety (Review work conditions using HASP and AHAs)

Comments: All personnel were wearing appropriate PPE for task being preformed.

VII. Results of Inspection

☒ Acceptable ☐ Unacceptable NCR #:

Name: Glen Childers Signature: Date:6/12/10

QC Manager Comments

QC Manager Review

☐ Concur ☐ Non-Concur Signature: Date

VIII. Distribution

☒ PM ☒ UXO Project MGR ☒ UXOS/QC ☒ SUXOS ☐ CLIENT REP

Revised May 2006

INITIAL PHASE INSPECTION REPORT

Project Name: NAS Brunswick Report No: 7

Project No: 112G02063 Location: Brunswick, ME Date: 6/21/10

I. Definable Feature of Work

- ☐ Mob/Site Prep/Site Security
- ☐ UXO Escort/Avoidance
- ☐ Site-Specific Training/IVS Cert
- ☒ Detector Surface Sweep
- ☐ Surface/Subsurface Clearance
- ☐ Data Processing and Interpretation
- ☐ Disposal of MEC
- ☐ Non-MAC Disposal
- ☐ Demobilization
- ☐
- ☐
- ☐
- ☐
- ☐ Other:

II. References (DOD Inst, Corporate references, SOPs, etc.):

Work Plan SOP 01

III. Personnel Present (employees performing the work) Attach supplemental sheet if necessary

Name	Position	Company
Syd Rodgers	SUXOS	Tetra Tech NUS
Glen Childers	Safety/QC	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Ed Alder	Tech II	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS

IV. Preparatory Work (equipment set up & testing, EZ set up, logbook entries, etc.)

Is preliminary work complete and correct? ☒ Yes ☐ No

If No, what action(s) will be taken?

V. Task Execution

Is work being completed in accordance with plans and specifications? ☒ Yes ☐ No

If No, what corrective action(s) will be taken?

Is workmanship acceptable? ☒ Yes ☐ No

If No, what action(s) will be taken?

V. Resolve Differences

INITIAL PHASE INSPECTION REPORT

Project Name: NAS Brunswick Report No: 7

Project No: 112G02063 Location: Brunswick, ME Date: 6/21/10

Comments: Surface sweep being conducted IAW the work plan and SOP. Six seed items were placed in grids, all six items were located by the sweep team.

VI. Safety (Review work conditions using HASP and AHAs)

Comments: All personnel were wearing appropriate PPE for task being preformed.

VII. Results of Inspection

☒ Acceptable ☐ Unacceptable NCR #:

Name: Glen Childers Signature: Date:6/12/10

QC Manager Comments

QC Manager Review

☐ Concur ☐ Non-Concur Signature: Date

VIII. Distribution

☒ PM ☒ UXO Project MGR ☒ UXOS/QC ☒ SUXOS ☐ CLIENT REP

Revised May 2006

INITIAL PHASE INSPECTION REPORT

Project Name: NAS Brunswick Report No: 8

Project No: 112G02063 Location: Brunswick, ME Date: 6/22/10

I. Definable Feature of Work

- ☐ Mob/Site Prep/Site Security
- ☐ UXO Escort/Avoidance
- ☐ Site-Specific Training/IVS Cert
- ☐ Detector Surface Sweep
- ☐ Surface/Subsurface Clearance
- ☐ Data Processing and Interpretation
- ☒ Disposal of MEC
- ☐ Non-MAC Disposal
- ☐ Demobilization
- ☐
- ☐ Other:

II. References (DOD Inst, Corporate references, SOPs, etc.):

Work Plan, SOP 05

III. Personnel Present (employees performing the work) Attach supplemental sheet if necessary

Name	Position	Company
Syd Rodgers	SUXOS	Tetra Tech NUS
Glen Childers	Safety/QC	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS

IV. Preparatory Work (equipment set up & testing, EZ set up, logbook entries, etc.)

Is preliminary work complete and correct? ☐ Yes ☒ No

If No, what action(s) will be taken? Temporary Vehicle Inspection form used. DA Form 626 requested from the UXO Manager.

V. Task Execution

Is work being completed in accordance with plans and specifications? ☒ Yes ☐ No

If No, what corrective action(s) will be taken?

Is workmanship acceptable? ☒ Yes ☐ No

If No, what action(s) will be taken?

V. Resolve Differences

INITIAL PHASE INSPECTION REPORT

Project Name: NAS Brunswick Report No: 8

Project No: 112G02063 Location: Brunswick, ME Date: 6/22/10

Comments: Two demo shots completed today, both shots were low orders and will have to be accomplished again. Also a grass fire was started by one of the demo shots in spite of vegetation management in the area and wet grass. The Fire Department responded and extinguished the fire.

VI. Safety (Review work conditions using HASP and AHAs)

Comments: All personnel were wearing appropriate PPE for task being preformed and following the work plan and SOP.

VII. Results of Inspection

☒ Acceptable ☐ Unacceptable NCR #:

Name: Glen Childers Signature: Date:6/22/10

QC Manager Comments

QC Manager Review

☐ Concur ☐ Non-Concur Signature: Date

VIII. Distribution

☒ PM ☒ UXO Project MGR ☒ UXOS/QC ☒ SUXOS ☐ CLIENT REP

Revised May 2006

INITIAL PHASE INSPECTION REPORT

Project Name: NAS Brunswick Report No: 9

Project No: 112G02063 Location: Brunswick, ME Date: 7/21/10

I. Definable Feature of Work

- ☐ Mob/Site Prep/Site Security
- ☐ UXO Escort/Avoidance
- ☐ Site-Specific Training/IVS Cert
- ☐ Detector Surface Sweep
- ☒ Surface/Subsurface Clearance
- ☐ Data Processing and Interpretation
- ☐ Disposal of MEC
- ☐ Non-MEC Disposal
- ☐ Demobilization
- ☐
- ☐
- ☐
- ☐
- ☒ Other: trenching operations

II. References (DOD Inst, Corporate references, SOPs, etc.):

Work Plan, SOP 05

III. Personnel Present (employees performing the work) Attach supplemental sheet if necessary

Name	Position	Company
Syd Rodgers	SUXOS	Tetra Tech NUS
Glen Childers	Safety/QC	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Jake Clement	Tech III	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS

IV. Preparatory Work (equipment set up & testing, EZ set up, logbook entries, etc.)

Is preliminary work complete and correct? ☒ Yes ☐ No

If No, what action(s) will be taken? Personnel blast shield not assembled and no viewing window. Rental company will assemble blast shield and install viewing window. As soon as blast shield was assembled and glass installed it was moved into position and used.

V. Task Execution

Is work being completed in accordance with plans and specifications? ☒ Yes ☐ No

If No, what corrective action(s) will be taken? Blast shield not being used. Shield will be utilized once assembled and complete. Blast shield was assembled and window installed, moved into position and used.

Is workmanship acceptable? ☒ Yes ☐ No

If No, what action(s) will be taken?

V. Resolve Differences

INITIAL PHASE INSPECTION REPORT

Project Name: NAS Brunswick Report No: 9

Project No: 112G02063 Location: Brunswick, ME Date: 7/21/10

Comments: Until blast shield was ready for use, personnel are evacuating to a safe distance while the excavator is digging.

VI. Safety (Review work conditions using HASP and AHAs)

Comments: All personnel were wearing appropriate PPE for task being preformed and following the work plan and SOP.

VII. Results of Inspection

☒ Acceptable ☐ Unacceptable NCR #:

Name: Glen Childers Signature: Date:7/21/10

QC Manager Comments

QC Manager Review

☐ Concur ☐ Non-Concur Signature: Date

VIII. Distribution

☒ PM ☒ UXO Project MGR ☒ UXOS/QC ☒ SUXOS ☐ CLIENT REP

Revised May 2006

INITIAL PHASE INSPECTION REPORT

Project Name: NAS Brunswick Report No: 10

Project No: 112G02063 Location: Brunswick, ME Date: 8/5/10

I. Definable Feature of Work

- ☒ Mob/Site Prep/Site Security
- ☐ UXO Escort/Avoidance
- ☐ Site-Specific Training/IVS Cert
- ☐ Detector Surface Sweep
- ☒ Surface/Subsurface Clearance
- ☐ Data Processing and Interpretation
- ☐ Disposal of MEC
- ☐ Non-MAC Disposal
- ☐ Demobilization
- ☐
- ☐ Other:

II. References (DOD Inst, Corporate references, SOPs, etc.):

Work Plan, SOP 05

III. Personnel Present (employees performing the work) Attach supplemental sheet if necessary

Name	Position	Company
Syd Rodgers	SUXOS	Tetra Tech NUS
Glen Childers	Safety/QC	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Jake Clemet	Tech III	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS

IV. Preparatory Work (equipment set up & testing, EZ set up, logbook entries, etc.)

Is preliminary work complete and correct? ☒ Yes ☐ No

V. Task Execution

Is work being completed in accordance with plans and specifications? ☒ Yes ☐ No

If No, what corrective action(s) will be taken?

Is workmanship acceptable? ☒ Yes ☐ No

If No, what action(s) will be taken?

V. Resolve Differences

INITIAL PHASE INSPECTION REPORT

Project Name: NAS Brunswick Report No: 10

Project No: 112G02063 Location: Brunswick, ME Date: 8/5/10

Comments:

VI. Safety (Review work conditions using HASP and AHAs)

Comments: All personnel were wearing appropriate PPE for task being preformed and following the work plan and SOP.

VII. Results of Inspection

☒ Acceptable ☐ Unacceptable NCR #:

Name: Glen Childers Signature: Date:8/5/10

QC Manager Comments

QC Manager Review

☐ Concur ☐ Non-Concur Signature: Date

VIII. Distribution

☒ PM ☒ UXO Project MGR ☒ UXOS/QC ☒ SUXOS ☐ CLIENT REP

Revised May 2006

B.9 PREPARATORY PHASE INSPECTION REPORTS

PREPARATORY PHASE INSPECTION REPORT

Project Name: NAS Brunswick | Project No: 112G02063 | Report No: ~~2~~ 1

UXO Team: #1 | Location: Brunswick, ME | Date: 8/4/10

I. Definable Feature of Work

- ☐ Project Management
- ☐ Excavation Observation/Operations
- ☐ MPPEH Processing/ Certification
- ☒ Safety Meetings
- ☐ Documentation Control
- ☒ Field Data Entry
- ☐ UXO Escort/ Avoidance Operations
- ☐ MEC Transfer to EOD
- ☐ Mobilization/Demobilization
- ☒ Document Review
- ☐ Data Management
- ☐ MEC Visual Survey/Certification Operation
- ☐ Equipment Management/ Checks
- ☒ Acceptance Sampling
- ☐ Other:

II. References (DOD Inst. , Corporate references, SOPs, etc.):

Work plan,OI's

III. Personnel Present (employees performing the work) Attach supplemental sheet if necessary

Name	Position	Company
Syd Rodgers	SUXOS	Tetra Tech NUS
Glen Childers	Safety/QC	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Jake Clemet	Tech III	Tetra Tech NUS
Norm Piper	Tech I	Tetra Tech NUS

IV. Submittals Reviewed (Work Plan, EHSP, Permits, etc.)

Submittals Reviewed.	Item No.	Date	Approval Authority

Have all submittals been approved? ☐ Yes ☐ No

If No, what items have not been submitted/ approved?

Are all submittals on hand? ☒ Yes ☐ No

If No, what items are missing?

Check approved submittals against delivered material. (This should be done as material arrives.)

Comments:

V. Resources (Personnel & Equipment)

Are adequate resources on hand to effectively conduct work? ☒ Yes ☐ No

If No, what action will be taken?

VI. Procedures (Project Manger should be involved in this stage of the inspection)

Review contract specifications. (List special requirements such as location accuracy, format for deliverables, etc.)

PREPARATORY PHASE INSPECTION REPORT

Project Name: NAS Brunswick | Project No: 112G02063 | Report No: ~~2~~ 1

UXO Team: #1 | Location: Brunswick, ME | Date: 8/4/10

Discuss procedure for accomplishing the work (Reference WP Section or SOP).

Clarify any differences (revisions needed).

VII. Resolve Differences (What did you do to resolve outstanding issues/problems)

Comments:

VIII. Testing/ Surveillance

Identify Tests/ Surveillance to be performed, frequency, and by whom. The team will check instruments to be used that day.

Where will the testing to take place (in the test bed, at a selected monument, etc.)?magnetometers will be checked at IVS # 1,

GPS units will be checked against known 3rd order monuments or survey markers in the FMBW.

Is the Testing/ Surveillance Plan Adequate? Yas

IX. Safety

Review applicable portion of the Health and Safety Plan.

Has the Activity Hazard Analysis been approved? ☒ Yes ☐ No

X. Results of Inspection

☒ Acceptable ☐ Unacceptable | NCR #:

Name: Glen Childers | Signature: | Date: 8/4/10

QCM Comments

QCM Review

☐ Concur ☐ Non-Concur | Signature: | Date

XI. Distribution

☐ PM ☐ UXO Project MGR ☐ UXOSO/QC ☐ SUXOS ☐ CLIENT REP

Revised 4/27/2005

Section III Continued:

Frank Loney	Tech I	Tetra Tech NUS
Alfred Smith	Tech I	Tetra Tech NUS

PREPARATORY PHASE INSPECTION REPORT

Project Name: NAS Brunswick | Project No: 112G02063 | Report No: ~~3~~ 2

UXO Team: #1 | Location: Brunswick, ME | Date: 8/12/10

I. Definable Feature of Work

- ☐ Project Management
- ☐ Excavation Observation/Operations
- ☐ MPPEH Processing/ Certification
- ☒ Safety Meetings
- ☐ Documentation Control
- ☒ Field Data Entry
- ☐ UXO Escort/ Avoidance Operations
- ☐ MEC Transfer to EOD
- ☒ Mobilization/Demobilization
- ☐ Document Review
- ☐ Data Management
- ☐ MEC Visual Survey/Certification Operation
- ☐ Equipment Management/ Checks
- ☐ Acceptance Sampling
- ☐ Other:

II. References (DOD Inst. , Corporate references, SOPs, etc.):

Work plan,OI's

III. Personnel Present (employees performing the work) Attach supplemental sheet if necessary

Name	Position	Company
Syd Rodgers	SUXOS	Tetra Tech NUS
Glen Childers	Safety/QC	Tetra Tech NUS
Mark Soha	Tech III	Tetra Tech NUS
Frank Montes	Tech III	Tetra Tech NUS
Jake Clemet	Tech III	Tetra Tech NUS
Frank Loney	Tech I	Tetra Tech NUS

IV. Submittals Reviewed (Work Plan, EHSP, Permits, etc.)

Submittals Reviewed.	Item No.	Date	Approval Authority

Have all submittals been approved? ☒ Yes ☐ No

If No, what items have not been submitted/ approved?

Are all submittals on hand? ☒ Yes ☐ No

If No, what items are missing?

Check approved submittals against delivered material. (This should be done as material arrives.)

Comments:

V. Resources (Personnel & Equipment)

Are adequate resources on hand to effectively conduct work? ☒ Yes ☐ No

If No, what action will be taken?

VI. Procedures (Project Manger should be involved in this stage of the inspection)

Review contract specifications. (List special requirements such as location accuracy, format for deliverables, etc.)

PREPARATORY PHASE INSPECTION REPORT

Project Name:	NAS Brunswick	Project No:	112G02063	Report No:	~~3~~ 2
UXO Team:	#1	Location:	Brunswick, ME	Date:	8/12/10

Discuss procedure for accomplishing the work (Reference WP Section or SOP).

Clarify any differences (revisions needed).

VII. Resolve Differences (What did you do to resolve outstanding issues/problems)

Comments:

VIII. Testing/ Surveillance

Identify Tests/ Surveillance to be performed, frequency, and by whom.

.

Is the Testing/ Surveillance Plan Adequate?

IX. Safety

Review applicable portion of the Health and Safety Plan.

Has the Activity Hazard Analysis been approved? ☒ Yes ☐ No

X. Results of Inspection

☒ Acceptable ☐ Unacceptable NCR #:

Name: Glen Childers	Signature:	Date: 8/12/10

QCM Comments

QCM Review

☐ Concur	☐ Non-Concur	Signature:	Date

XI. Distribution

☐ PM ☐ UXO Project MGR ☐ UXOSO/QC ☐ SUXOS ☐ CLIENT REP

Revised 4/27/2005

Section III Continued:

Alfred Smith	Tech I	Tetra Tech NUS

B.10 MOTOR VEHICLE INSPECTION

MOTOR VEHICLE INSPECTION (TRANSPORTING HAZARDOUS MATERIALS)

(Read Instructions before completing this form.)

This form applies to all vehicles which must be marked or placarded in accordance with Title 49 CFR.	1. BILL OF LADING/TRANSPORTATION CONTROL NUMBER

SECTION 1 - DOCUMENTATION	ORIGIN a.	DESTINATION b.
2. CARRIER/GOVERNMENT ORGANIZATION	Tetra Tech NUS	
3. DATE/TIME OF INSPECTION	6-30-10	
4. LOCATION OF INSPECTION	NAS Brunswick, ME	
5. OPERATOR(S) NAME(S)	~~Frank Lones~~, Alfred Smith	
6. OPERATOR(S) LICENSE NUMBER(S)	H00 ~~330683~~ 470852	
7. MEDICAL EXAMINER'S CERTIFICATE*		

8. *(X if satisfactory at origin)*								9. CVSA DECAL DISPLAYED ON COMMERCIAL EQUIPMENT*	YES	NO
a. MILITARY HAZMAT ENDORSEMENT		d. ERG OR EQUIVALENT COMMERCIAL:		YES		NO				
b. VALID LEASE*		e. DRIVER'S VEHICLE INSPECTION REPORT*						a. TRUCK/TRACTOR	X	
c. ROUTE PLAN		f. COPY OF 49 CFR PART 397						b. TRAILER		X

SECTION II - MECHANICAL INSPECTION

All items shall be checked on empty equipment prior to loading. Items with an asterisk shall be checked on all incoming loaded equipment.

10. TYPE OF VEHICLE(S)	11. VEHICLE NUMBER(S)

12. PART INSPECTED *(X as applicable)*	ORIGIN (1) SAT	ORIGIN (1) UNSAT	DESTINATION (2) SAT	DESTINATION (2) UNSAT		ORIGIN (1) SAT	ORIGIN (1) UNSAT	DESTINATION (2) SAT	DESTINATION (2) UNSAT	COMMENTS (3)
a. SPARE ELECTRICAL FUSES					k. EXHAUST SYSTEM	✓				
b. HORN OPERATIVE	✓				l. BRAKE SYSTEM*	✓				
c. STEERING SYSTEM	✓				m. SUSPENSION	✓				
d. WINDSHIELD/WIPERS	✓				n. COUPLING DEVICES	✓				
e. MIRRORS	✓				o. CARGO SPACE	✓				
f. WARNING EQUIPMENT	✓				p. LANDING GEAR*					
g. FIRE EXTINGUISHER*	✓				q. TIRES, WHEELS, RIMS	✓				
h. ELECTRICAL WIRING	✓				r. TAILGATE/DOORS*	✓				
i. LIGHTS AND REFLECTORS	✓				s. TARPAULIN*					
j. FUEL SYSTEM*	✓				t. OTHER *(Specify)*					

13. INSPECTION RESULTS *(X one)* **ACCEPTED** [ ] **REJECTED** [ ]

(If rejected give reason under "Remarks". Equipment will be approved if deficiencies are corrected prior to loading.)

14. SATELLITE MOTOR SURVEILLANCE SYSTEM: *(X one)* **ACCEPTED** [ ] **REJECTED** [ ]

15. REMARKS

16. INSPECTOR SIGNATURE *(Origin)*	17. INSPECTOR SIGNATURE *(Destination)*

SECTION III - POST LOADING INSPECTION

This section applies to Commercial and Government/Military vehicles. All items will be checked prior to release of loaded equipment and shall be checked on all incoming loaded equipment.

	ORIGIN (1) SAT	ORIGIN (1) UNSAT	DESTINATION (2) SAT	DESTINATION (2) UNSAT	COMMENTS (3)
18. LOADED IAW APPLICABLE SEGREGATION/COMPATIBILITY TABLE OF 49 CFR					
19. LOAD PROPERLY SECURED TO PREVENT MOVEMENT					
20. SEALS APPLIED TO CLOSED VEHICLE; TARPAULIN APPLIED ON OPEN EQUIPMENT					
21. PROPER PLACARDS APPLIED	✓				
22. SHIPPING PAPERS/DD FORM 836 FOR GOVERNMENT VEHICLE SHIPMENTS					
23. COPY OF DD FORM 626 FOR DRIVER					
24. SHIPPED UNDER DOT SPECIAL PERMIT 868					

25. INSPECTOR SIGNATURE *(Origin)*	26. DRIVER(S) SIGNATURE *(Origin)*
Mark Saha	AFS
27. INSPECTOR SIGNATURE *(Destination)*	**28. DRIVER(S) SIGNATURE** *(Destination)*
Mark Saha	AFS

INSTRUCTIONS

SECTION I - DOCUMENTATION

General Instructions.

All items (2 through 9) will be checked at origin prior to loading. Items with an asterisk (*) apply to commercial operators or equipment only. Only Items 2 through 7 are required to be checked at destination.

Items 1 through 5. Self explanatory.

Item 6. Enter operator's Commercial Driver's License (CDL) number or Military OF-346 License Number. CDL and OF-346 must have the HAZMAT and other appropriate endorsements IAW 49 CFR 383.

Item 7. *Enter the expiration date listed on the Medical Examiner's Certificate.

Item 8.a. APPLIES TO MILITARY OPERATORS ONLY. Military Hazardous Materials Certification. In accordance with applicable service regulations, ensure operator has been certified to transport hazardous materials.

b. *Valid Lease. Shipper will ensure a copy of the appropriate contract or lease is carried in all leased vehicles and is available for inspection. (49 CFR 376.12 and 376.11(c)(2)).

c. Route Plan. Prior to loading any Hazard Class/Division 1.1, 1.2, or 1.3 (Explosives) for shipment, ensure that the operator possesses a written route plan in accordance with 49 CFR Part 397. Route Plan requirements for Hazard Class 7 (Radioactive) materials are found in 49 CFR 397.101.

d. Emergency Response Guidebook (ERG) or Equivalent. Commercial operators must be in possession of an ERG or equivalent document. Shipper will provide applicable ERG page(s) to military operators.

e. *Driver's Vehicle Inspection Report. Review the operator's Vehicle Inspection Report. Ensure that there are no defects listed on the report that would affect the safe operation of the vehicle.

f. Copy of 49 CFR Part 397. Operators are required by regulation to have in their possession a copy of 49 CFR Part 397 (Transportation of Hazardous Materials Driving and Parking Rules). If military operators do not possess this document, shipper will provide a copy to operator.

Item 9. *Commercial Vehicle Safety Alliance (CVSA) Decal. Check to see if equipment has a current CVSA decal and mark applicable box. Vehicles without CVSA, check documentation of the last vehicle periodic inspection and perform DD Form 626 inspection.

SECTION II - MECHANICAL INSPECTION

General Instructions.

All items (12.a. through 12.t.) will be checked on all incoming empty equipment prior to loading. All UNSATISFACTORY conditions must be corrected prior to loading. Items with an asterisk (*) shall be checked on all incoming loaded equipment. Unsatisfactory conditions that would affect the safe off-loading of the equipment must be corrected prior to unloading.

SECTION II *(Continued)*

Item 12.a. Spare Electrical Fuses. Check to ensure that at least one spare fuse for each type of installed fuse is carried on the vehicle as a spare or vehicle is equipped with an overload protection device (circuit breaker). (49 CFR 393.95)

b. Horn Operative. Ensure that horn is securely mounted and of sufficient volume to serve purpose. (49 CFR 393.81)

c. Steering System. The steering wheel shall be secure and must not have any spokes cracked through or missing. The steering column must be securely fastened. Universal joints shall not be worn, faulty or repaired by welding. The steering gear box shall not have loose or missing mounting bolts or cracks in the gear box mounting brackets. The pitman arm on the steering gear output shaft shall not be loose. Steering wheel shall turn freely through the limit of travel in both directions. All components of a power steering system must be in operating condition. No parts shall be loose or broken. Belts shall not be frayed, cracked or slipping. The power steering system shall not be leaking. (49 CFR 396 Appendix G)

d. Windshield/Wipers. Inspect to ensure that windshield is free from breaks, cracks or defects that would make operation of the vehicle unsafe; that the view of the driver is not obscured and that the windshield wipers are operational and wiper blades are in serviceable condition. Defroster must be operative when conditions require. (49 CFR 393.60, 393.78 and 393.79)

e. Mirrors. Every vehicle must be equipped with two rear vision mirrors located so as to reflect to the driver a view of the highway to the rear along both sides of the vehicle. Mirrors shall not be cracked or dirty. (49 CFR 393.80)

f. Warning Equipment. Equipment must include three bidirectional emergency reflective triangles that conform to the requirements of FMVSS No. 125. FLAME PRODUCING DEVICES ARE PROHIBITED. (49 CFR 393.95)

g. Fire Extinguisher. Military vehicles must be equipped with two serviceable fire extinguishers with an Underwriters Laboratories rating of 10 BC or more. (Commercial motor vehicles must be equipped with one serviceable 10 BC Fire Extinguisher). Fire extinguisher(s) must be located so that it is readily accessible for use and securely mounted on the vehicle. The fire extinguisher must be designed, constructed and maintained to permit visual determination of whether it is fully charged. (49 CFR 393.95)

h. Electrical Wiring: Electrical wiring must be clean and properly secured. Insulation must not be frayed, cracked or otherwise in poor condition. There shall be no uninsulated wires, improper splices or connections. Wires and electrical fixtures inside the cargo area must be protected from the lading. (49 CFR 393.28, 393.32, 393.33)

INSTRUCTIONS

SECTION II *(Continued)*

i. Lights/Reflectors. (Head, tail, turn signal, brake, clearance, marker and identification lights, Emergency Flashers). Inspect to see that all lighting devices and reflectors required are operable, of proper color and properly mounted. Ensure that lights and reflectors are not obscured by dirt or grease or have broken lenses. High/Low beam switch must be operative. Emergency Flashers must be operative on both the front and rear of vehicle. (49 CFR 393.24, 25, and 26)

j. Fuel System. Inspect fuel tank and lines to ensure that they are in serviceable condition, free from leaks, or evidence of leakage and securely mounted. Ensure that fuel tank filler cap is not missing. Examine cap for defective gasket or plugged vent. Inspect filler necks to see that they are in completely serviceable condition and not leaking at joints. (49 CFR 393.83)

k. Exhaust System. Exhaust system shall discharge to the atmosphere at a location to the rear of the cab or if the exhaust projects above the cab, at a location near the rear of the cab. Exhaust system shall not be leaking at a point forward of or directly below the driver compartment. No part of the exhaust system shall be located where it will burn, char or damage electrical wiring, fuel system or any other part of the vehicle. No part of the exhaust system shall be temporarily repaired with wrap or patches. (49 CFR 393.83)

l. Brake System (to include hand brakes, parking brakes and Low Air Warning devices). Check to ensure that brakes are operational and properly adjusted. Check for audible air leaks around air brake components and air lines. Check for fluid leaks, cracked or damaged lines in hydraulic brake systems. Ensure that parking brake is operational and properly adjusted. Low Air Warning devices must be operative. (49 CFR 393.40, 41, 42, 43, 44, 45, 47, 48, 49, 50, 51, 52, 53, and 55)

m. Suspension. Inspect for indications of misaligned, shifted or cracked springs, loosened shackles, missing bolts, spring hangers unsecured at frame and cracked or loose U-bolts. Inspect for any unsecured axle positioning parts, and sign of axle misalignment, broken torsion bar springs (if so equipped). (49 CFR 393.207)

n. Coupling Devices (Inspect without uncoupling). Fifth Wheels: Inspect for unsecured mounting to frame or any missing or damaged parts. Inspect for any visible space between upper and lower fifth wheel plates. Ensure that the locking jaws are around the shank and not the head of the kingpin. Ensure that the release lever is seated properly and safety latch is engaged. Pintle Hook, Drawbar, Towbar Eye and Tongue and Safety Devices: Inspect for unsecured mounting, cracks, missing or ineffective fasteners (welded repairs to pintle hook is prohibited). Ensure safety devices (chains, hooks, cables) are in serviceable condition and properly attached. (49 CFR 393.70 and 71)

o. Cargo Space. Inspect to ensure that cargo space is clean and free from exposed bolts, nuts, screws, nails or inwardly projecting parts that could damage the lading. Check floor to ensure it is tight and free from holes. Floor shall not be permeated with oil or other substances. (49 CFR 393.84)

p. Landing Gear. Inspect to ensure that landing gear and assembly are in serviceable condition, correctly assembled, adequately lubricated and properly mounted.

SECTION II *(Continued)*

q. Tires, Wheels and Rims: Inspect to ensure that tires are properly inflated. Flat or leaking tires are unacceptable. Inspect tires for cuts, bruises, breaks and blisters. Tires with cuts that extend into the cord body are unacceptable. Thread depth shall not be less than: 4/32 inches for tires on a steering axle of a power unit, and 2/32 inches for all other tires. Mixing bias and radial on the steering axle is prohibited. Inspect wheels and rims for cracks, unseated locking rings, broken, loose, damaged or missing lug nuts or elongated stud holes. (49 CFR 393.75)

r. Tailgate/Doors. Inspect to see that all hinges are tight in body. Check for broken latches and safety chains. Doors must close securely. (49 CFR 177.835(h))

s. Tarpaulin. If shipment is made on open equipment, ensure that lading is properly covered with fire and water resistant tarpaulin. (49 CFR 177.835(h))

t. Other Unsatisfactory Condition. Note any other condition which would prohibit the vehicle from being loaded with hazardous materials.

Item 14. For AA&E and other shipments requiring satellite surveillance, ensure that the Satellite Motor Surveillance System is operable. The DTTS Message Display Unit, when operative, will display the signal "DTTS ON". The munitions carrier driver, when practical, will position the DTTS message display unit in a manner that allows the shipping inspector or other designated shipping personnel to observe the "DTTS ON" message without climbing aboard the cab of the motor vehicle.

SECTION III - POST LOADING INSPECTION

General Instructions.

All items will be checked prior to the release of loaded equipment. Shipment will not be released until deficiencies are corrected. All items will be checked on incoming loaded equipment. Deficiencies will be reported in accordance with applicable service regulations.

Item 18. Check to ensure shipment is loaded in accordance with 49 CFR Part 177.848 and the applicable Segregation or Compatibility Table of 49 CFR 177.848.

Item 19. Check to ensure the load is secured from movement in accordance with applicable service outload drawings.

Item 20. Check to ensure seal(s) have been applied to closed equipment; fire and water resistant tarpaulin applied on open equipment.

Item 21. Check to ensure each transport vehicle has been properly placarded in accordance with 49 CFR 172.504.

Item 22. Check to ensure operator has been provided shipping papers that comply with 49 CFR 172.201 and 202. For shipments transported by Government vehicle, shipping paper will be DD Form 836.

Item 23. Ensure operator(s) sign DD Form 626, are given a copy and understand the hazards associated with the shipment.

Item 24. Applies to Commercial Shipments Only. If shipment is made under DOT Special Permit 868, ensure that shipping papers are properly annotated and copy of Special Permit 868 is with shipping papers.

MOTOR VEHICLE INSPECTION (TRANSPORTING HAZARDOUS MATERIALS)

(Read Instructions before completing this form.)

This form applies to all vehicles which must be marked or placarded in accordance with Title 49 CFR.

1. BILL OF LADING/TRANSPORTATION CONTROL NUMBER

SECTION 1 - DOCUMENTATION	ORIGIN a.	DESTINATION b.
2. CARRIER/GOVERNMENT ORGANIZATION	Tetra Tech NUS	
3. DATE/TIME OF INSPECTION	7-14-10 12:35PM	
4. LOCATION OF INSPECTION	BRUNSWICK NAS	
5. OPERATOR(S) NAME(S)	FRANK LONEY	
6. OPERATOR(S) LICENSE NUMBER(S)	H00330605	
7. MEDICAL EXAMINER'S CERTIFICATE*		

8. *(X if satisfactory at origin)*

a. MILITARY HAZMAT ENDORSEMENT		d. ERG OR EQUIVALENT COMMERCIAL:	YES		NO		
b. VALID LEASE*		e. DRIVER'S VEHICLE INSPECTION REPORT*					
c. ROUTE PLAN		f. COPY OF 49 CFR PART 397					

9. CVSA DECAL DISPLAYED ON COMMERCIAL EQUIPMENT*

	YES	NO
a. TRUCK/TRACTOR	✓	
b. TRAILER		

SECTION II - MECHANICAL INSPECTION

All items shall be checked on empty equipment prior to loading. Items with an asterisk shall be checked on all incoming loaded equipment.

10. TYPE OF VEHICLE(S)

11. VEHICLE NUMBER(S)

12. PART INSPECTED *(X as applicable)*	ORIGIN (1) SAT	ORIGIN (1) UNSAT	DESTINATION (2) SAT	DESTINATION (2) UNSAT		ORIGIN (1) SAT	ORIGIN (1) UNSAT	DESTINATION (2) SAT	DESTINATION (2) UNSAT	COMMENTS (3)
a. SPARE ELECTRICAL FUSES	✓				k. EXHAUST SYSTEM	✓				
b. HORN OPERATIVE	✓				l. BRAKE SYSTEM*	✓				
c. STEERING SYSTEM	✓				m. SUSPENSION	✓				
d. WINDSHIELD/WIPERS	✓				n. COUPLING DEVICES					
e. MIRRORS	✓				o. CARGO SPACE	✓				
f. WARNING EQUIPMENT	✓				p. LANDING GEAR*					
g. FIRE EXTINGUISHER*	✓				q. TIRES, WHEELS, RIMS	✓				
h. ELECTRICAL WIRING	✓				r. TAILGATE/DOORS*	✓				
i. LIGHTS AND REFLECTORS	✓				s. TARPAULIN*					
j. FUEL SYSTEM*	✓				t. OTHER *(Specify)*					

13. INSPECTION RESULTS *(X one)* **ACCEPTED** ✓ **REJECTED**

(If rejected give reason under "Remarks". Equipment will be approved if deficiencies are corrected prior to loading.)

14. SATELLITE MOTOR SURVEILLANCE SYSTEM: *(X one)* **ACCEPTED** **REJECTED**

15. REMARKS

16. INSPECTOR SIGNATURE *(Origin)*

Frank Loney

17. INSPECTOR SIGNATURE *(Destination)*

SECTION III - POST LOADING INSPECTION

This section applies to Commercial and Government/Military vehicles. All items will be checked prior to release of loaded equipment and shall be checked on all incoming loaded equipment.

	ORIGIN (1) SAT	ORIGIN (1) UNSAT	DESTINATION (2) SAT	DESTINATION (2) UNSAT	COMMENTS (3)
18. LOADED IAW APPLICABLE SEGREGATION/COMPATIBILITY TABLE OF 49 CFR					
19. LOAD PROPERLY SECURED TO PREVENT MOVEMENT					
20. SEALS APPLIED TO CLOSED VEHICLE; TARPAULIN APPLIED ON OPEN EQUIPMENT					
21. PROPER PLACARDS APPLIED					
22. SHIPPING PAPERS/DD FORM 836 FOR GOVERNMENT VEHICLE SHIPMENTS					
23. COPY OF DD FORM 626 FOR DRIVER					
24. SHIPPED UNDER DOT SPECIAL PERMIT 868					

25. INSPECTOR SIGNATURE *(Origin)*

26. DRIVER(S) SIGNATURE *(Origin)*

27. INSPECTOR SIGNATURE *(Destination)*

28. DRIVER(S) SIGNATURE *(Destination)*

INSTRUCTIONS

SECTION I - DOCUMENTATION

General Instructions.

All items (2 through 9) will be checked at origin prior to loading. Items with an asterisk (*) apply to commercial operators or equipment only. Only Items 2 through 7 are required to be checked at destination.

Items 1 through 5. Self explanatory.

Item 6. Enter operator's Commercial Driver's License (CDL) number or Military OF-346 License Number. CDL and OF-346 must have the HAZMAT and other appropriate endorsements IAW 49 CFR 383.

Item 7. *Enter the expiration date listed on the Medical Examiner's Certificate.

Item 8.a. APPLIES TO MILITARY OPERATORS ONLY. Military Hazardous Materials Certification. In accordance with applicable service regulations, ensure operator has been certified to transport hazardous materials.

b. *Valid Lease. Shipper will ensure a copy of the appropriate contract or lease is carried in all leased vehicles and is available for inspection. (49 CFR 376.12 and 376.11(c)(2)).

c. Route Plan. Prior to loading any Hazard Class/Division 1.1, 1.2, or 1.3 (Explosives) for shipment, ensure that the operator possesses a written route plan in accordance with 49 CFR Part 397. Route Plan requirements for Hazard Class 7 (Radioactive) materials are found in 49 CFR 397.101.

d. Emergency Response Guidebook (ERG) or Equivalent. Commercial operators must be in possession of an ERG or equivalent document. Shipper will provide applicable ERG page(s) to military operators.

e. *Driver's Vehicle Inspection Report. Review the operator's Vehicle Inspection Report. Ensure that there are no defects listed on the report that would affect the safe operation of the vehicle.

f. Copy of 49 CFR Part 397. Operators are required by regulation to have in their possession a copy of 49 CFR Part 397 (Transportation of Hazardous Materials Driving and Parking Rules). If military operators do not possess this document, shipper will provide a copy to operator.

Item 9. *Commercial Vehicle Safety Alliance (CVSA) Decal. Check to see if equipment has a current CVSA decal and mark applicable box. Vehicles without CVSA, check documentation of the last vehicle periodic inspection and perform DD Form 626 inspection.

SECTION II - MECHANICAL INSPECTION

General Instructions.

All items (12.a. through 12.t.) will be checked on all incoming empty equipment prior to loading. All UNSATISFACTORY conditions must be corrected prior to loading. Items with an asterisk (*) shall be checked on all incoming loaded equipment. Unsatisfactory conditions that would affect the safe off-loading of the equipment must be corrected prior to unloading.

SECTION II *(Continued)*

Item 12.a. Spare Electrical Fuses. Check to ensure that at least one spare fuse for each type of installed fuse is carried on the vehicle as a spare or vehicle is equipped with an overload protection device (circuit breaker). (49 CFR 393.95)

b. Horn Operative. Ensure that horn is securely mounted and of sufficient volume to serve purpose. (49 CFR 393.81)

c. Steering System. The steering wheel shall be secure and must not have any spokes cracked through or missing. The steering column must be securely fastened. Universal joints shall not be worn, faulty or repaired by welding. The steering gear box shall not have loose or missing mounting bolts or cracks in the gear box mounting brackets. The pitman arm on the steering gear output shaft shall not be loose. Steering wheel shall turn freely through the limit of travel in both directions. All components of a power steering system must be in operating condition. No parts shall be loose or broken. Belts shall not be frayed, cracked or slipping. The power steering system shall not be leaking. (49 CFR 396 Appendix G)

d. Windshield/Wipers. Inspect to ensure that windshield is free from breaks, cracks or defects that would make operation of the vehicle unsafe; that the view of the driver is not obscured and that the windshield wipers are operational and wiper blades are in serviceable condition. Defroster must be operative when conditions require. (49 CFR 393.60, 393.78 and 393.79)

e. Mirrors. Every vehicle must be equipped with two rear vision mirrors located so as to reflect to the driver a view of the highway to the rear along both sides of the vehicle. Mirrors shall not be cracked or dirty. (49 CFR 393.80)

f. Warning Equipment. Equipment must include three bidirectional emergency reflective triangles that conform to the requirements of FMVSS No. 125. FLAME PRODUCING DEVICES ARE PROHIBITED. (49 CFR 393.95)

g. Fire Extinguisher. Military vehicles must be equipped with two serviceable fire extinguishers with an Underwriters Laboratories rating of 10 BC or more. (Commercial motor vehicles must be equipped with one serviceable 10 BC Fire Extinguisher). Fire extinguisher(s) must be located so that it is readily accessible for use and securely mounted on the vehicle. The fire extinguisher must be designed, constructed and maintained to permit visual determination of whether it is fully charged. (49 CFR 393.95)

h. Electrical Wiring: Electrical wiring must be clean and properly secured. Insulation must not be frayed, cracked or otherwise in poor condition. There shall be no uninsulated wires, improper splices or connections. Wires and electrical fixtures inside the cargo area must be protected from the lading. (49 CFR 393.28, 393.32, 393.33)

INSTRUCTIONS

SECTION II *(Continued)*

i. Lights/Reflectors. (Head, tail, turn signal, brake, clearance, marker and identification lights, Emergency Flashers). Inspect to see that all lighting devices and reflectors required are operable, of proper color and properly mounted. Ensure that lights and reflectors are not obscured by dirt or grease or have broken lenses. High/Low beam switch must be operative. Emergency Flashers must be operative on both the front and rear of vehicle. (49 CFR 393.24, 25, and 26)

j. Fuel System. Inspect fuel tank and lines to ensure that they are in serviceable condition, free from leaks, or evidence of leakage and securely mounted. Ensure that fuel tank filler cap is not missing. Examine cap for defective gasket or plugged vent. Inspect filler necks to see that they are in completely serviceable condition and not leaking at joints. (49 CFR 393.83)

k. Exhaust System. Exhaust system shall discharge to the atmosphere at a location to the rear of the cab or if the exhaust projects above the cab, at a location near the rear of the cab. Exhaust system shall not be leaking at a point forward of or directly below the driver compartment. No part of the exhaust system shall be located where it will burn, char or damage electrical wiring, fuel system or any other part of the vehicle. No part of the exhaust system shall be temporarily repaired with wrap or patches. (49 CFR 393.83)

l. Brake System (to include hand brakes, parking brakes and Low Air Warning devices). Check to ensure that brakes are operational and properly adjusted. Check for audible air leaks around air brake components and air lines. Check for fluid leaks, cracked or damaged lines in hydraulic brake systems. Ensure that parking brake is operational and properly adjusted. Low Air Warning devices must be operative. (49 CFR 393.40, 41, 42, 43, 44, 45, 47, 48, 49, 50, 51, 52, 53, and 55)

m. Suspension. Inspect for indications of misaligned, shifted or cracked springs, loosened shackles, missing bolts, spring hangers unsecured at frame and cracked or loose U-bolts. Inspect for any unsecured axle positioning parts, and sign of axle misalignment, broken torsion bar springs (if so equipped). (49 CFR 393.207)

n. Coupling Devices (Inspect without uncoupling). Fifth Wheels: Inspect for unsecured mounting to frame or any missing or damaged parts. Inspect for any visible space between upper and lower fifth wheel plates. Ensure that the locking jaws are around the shank and not the head of the kingpin. Ensure that the release lever is seated properly and safety latch is engaged. Pintle Hook, Drawbar, Towbar Eye and Tongue and Safety Devices: Inspect for unsecured mounting, cracks, missing or ineffective fasteners (welded repairs to pintle hook is prohibited). Ensure safety devices (chains, hooks, cables) are in serviceable condition and properly attached. (49 CFR 393.70 and 71)

o. Cargo Space. Inspect to ensure that cargo space is clean and free from exposed bolts, nuts, screws, nails or inwardly projecting parts that could damage the lading. Check floor to ensure it is tight and free from holes. Floor shall not be permeated with oil or other substances. (49 CFR 393.84)

p. Landing Gear. Inspect to ensure that landing gear and assembly are in serviceable condition, correctly assembled, adequately lubricated and properly mounted.

SECTION II *(Continued)*

q. Tires, Wheels and Rims: Inspect to ensure that tires are properly inflated. Flat or leaking tires are unacceptable. Inspect tires for cuts, bruises, breaks and blisters. Tires with cuts that extend into the cord body are unacceptable. Thread depth shall not be less than: 4/32 inches for tires on a steering axle of a power unit, and 2/32 inches for all other tires. Mixing bias and radial on the steering axle is prohibited. Inspect wheels and rims for cracks, unseated locking rings, broken, loose, damaged or missing lug nuts or elongated stud holes. (49 CFR 393.75)

r. Tailgate/Doors. Inspect to see that all hinges are tight in body. Check for broken latches and safety chains. Doors must close securely. (49 CFR 177.835(h))

s. Tarpaulin. If shipment is made on open equipment, ensure that lading is properly covered with fire and water resistant tarpaulin. (49 CFR 177.835(h))

t. Other Unsatisfactory Condition. Note any other condition which would prohibit the vehicle from being loaded with hazardous materials.

Item 14. For AA&E and other shipments requiring satellite surveillance, ensure that the Satellite Motor Surveillance System is operable. The DTTS Message Display Unit, when operative, will display the signal "DTTS ON". The munitions carrier driver, when practical, will position the DTTS message display unit in a manner that allows the shipping inspector or other designated shipping personnel to observe the "DTTS ON" message without climbing aboard the cab of the motor vehicle.

SECTION III - POST LOADING INSPECTION

General Instructions.

All items will be checked prior to the release of loaded equipment. Shipment will not be released until deficiencies are corrected. All items will be checked on incoming loaded equipment. Deficiencies will be reported in accordance with applicable service regulations.

Item 18. Check to ensure shipment is loaded in accordance with 49 CFR Part 177.848 and the applicable Segregation or Compatibility Table of 49 CFR 177.848.

Item 19. Check to ensure the load is secured from movement in accordance with applicable service outload drawings.

Item 20. Check to ensure seal(s) have been applied to closed equipment; fire and water resistant tarpaulin applied on open equipment.

Item 21. Check to ensure each transport vehicle has been properly placarded in accordance with 49 CFR 172.504.

Item 22. Check to ensure operator has been provided shipping papers that comply with 49 CFR 172.201 and 202. For shipments transported by Government vehicle, shipping paper will be DD Form 836.

Item 23. Ensure operator(s) sign DD Form 626, are given a copy and understand the hazards associated with the shipment.

Item 24. Applies to Commercial Shipments Only. If shipment is made under DOT Special Permit 868, ensure that shipping papers are properly annotated and copy of Special Permit 868 is with shipping papers.

MOTOR VEHICLE INSPECTION (TRANSPORTING HAZARDOUS MATERIALS)

(Read Instructions before completing this form.)

This form applies to all vehicles which must be marked or placarded in accordance with Title 49 CFR.	1. BILL OF LADING/TRANSPORTATION CONTROL NUMBER

SECTION 1 - DOCUMENTATION	ORIGIN a.	DESTINATION b.
2. CARRIER/GOVERNMENT ORGANIZATION	TETRA TECH NUS	TETRA TECH NUS
3. DATE/TIME OF INSPECTION	7/20/2010 1410	7/20/2010 1440
4. LOCATION OF INSPECTION	NAS BRUNSWICK, ME	NAS BRUNSWICK, ME
5. OPERATOR(S) NAME(S)	MARK SOHA	MARK SOHA
6. OPERATOR(S) LICENSE NUMBER(S)	FL 5000-544-56-334-0	FL 5000-544-56-334-0
7. MEDICAL EXAMINER'S CERTIFICATE*	TTECH NUS 5/17/10	TTECH NUS 5/17/10

8. *(X if satisfactory at origin)*

a. MILITARY HAZMAT ENDORSEMENT		d. ERG OR EQUIVALENT COMMERCIAL:	X	YES		NO		9. CVSA DECAL DISPLAYED ON COMMERCIAL EQUIPMENT*	YES	NO
b. VALID LEASE*	X	e. DRIVER'S VEHICLE INSPECTION REPORT*						a. TRUCK/TRACTOR		
c. ROUTE PLAN	X	f. COPY OF 49 CFR PART 397						b. TRAILER		

SECTION II - MECHANICAL INSPECTION

All items shall be checked on empty equipment prior to loading. Items with an asterisk shall be checked on all incoming loaded equipment.

10. TYPE OF VEHICLE(S)	11. VEHICLE NUMBER(S)
DODGE RAM	VIN 1D3HV18P995804379

12. PART INSPECTED *(X as applicable)*	ORIGIN (1) SAT	ORIGIN (1) UNSAT	DESTINATION (2) SAT	DESTINATION (2) UNSAT		ORIGIN (1) SAT	ORIGIN (1) UNSAT	DESTINATION (2) SAT	DESTINATION (2) UNSAT	COMMENTS (3)
a. SPARE ELECTRICAL FUSES	✓		✓		k. EXHAUST SYSTEM	✓		✓		
b. HORN OPERATIVE	✓		✓		l. BRAKE SYSTEM*	✓		✓		
c. STEERING SYSTEM	✓		✓		m. SUSPENSION	✓		✓		
d. WINDSHIELD/WIPERS	✓		✓		n. COUPLING DEVICES	✓		✓		
e. MIRRORS	✓		✓		o. CARGO SPACE	✓		✓		
f. WARNING EQUIPMENT	✓		✓		p. LANDING GEAR*	✓				
g. FIRE EXTINGUISHER*	✓		✓		q. TIRES, WHEELS, RIMS	✓		✓		
h. ELECTRICAL WIRING	✓		✓		r. TAILGATE/DOORS*	✓		✓		
i. LIGHTS AND REFLECTORS	✓		✓		s. TARPAULIN*					
j. FUEL SYSTEM*	✓		✓		t. OTHER *(Specify)*					

13. INSPECTION RESULTS *(X one)* ACCEPTED [X] REJECTED [ ]

(If rejected give reason under "Remarks". Equipment will be approved if deficiencies are corrected prior to loading.)

14. SATELLITE MOTOR SURVEILLANCE SYSTEM: *(X one)* ACCEPTED [ ] REJECTED [ ] N/A

15. REMARKS

16. INSPECTOR SIGNATURE *(Origin)*	17. INSPECTOR SIGNATURE *(Destination)*
M Soha	M Soha

SECTION III - POST LOADING INSPECTION

This section applies to Commercial and Government/Military vehicles. All items will be checked prior to release of loaded equipment and shall be checked on all incoming loaded equipment.

	ORIGIN (1) SAT	ORIGIN (1) UNSAT	DESTINATION (2) SAT	DESTINATION (2) UNSAT	COMMENTS (3)
18. LOADED IAW APPLICABLE SEGREGATION/COMPATIBILITY TABLE OF 49 CFR	X		X		
19. LOAD PROPERLY SECURED TO PREVENT MOVEMENT	X		X		
20. SEALS APPLIED TO CLOSED VEHICLE; TARPAULIN APPLIED ON OPEN EQUIPMENT	X		X		
21. PROPER PLACARDS APPLIED	X		X		
22. SHIPPING PAPERS/DD FORM 836 FOR GOVERNMENT VEHICLE SHIPMENTS	X		X		
23. COPY OF DD FORM 626 FOR DRIVER	X		X		
24. SHIPPED UNDER DOT SPECIAL PERMIT 868	X		X		

25. INSPECTOR SIGNATURE *(Origin)*	26. DRIVER(S) SIGNATURE *(Origin)*
Mark Montes	M Soha
27. INSPECTOR SIGNATURE *(Destination)*	**28. DRIVER(S) SIGNATURE** *(Destination)*
Mark Montes	M Soha

INSTRUCTIONS

SECTION I - DOCUMENTATION

General Instructions.

All items (2 through 9) will be checked at origin prior to loading. Items with an asterisk (*) apply to commercial operators or equipment only. Only Items 2 through 7 are required to be checked at destination.

Items 1 through 5. Self explanatory.

Item 6. Enter operator's Commercial Driver's License (CDL) number or Military OF-346 License Number. CDL and OF-346 must have the HAZMAT and other appropriate endorsements IAW 49 CFR 383.

Item 7. *Enter the expiration date listed on the Medical Examiner's Certificate.

Item 8.a. APPLIES TO MILITARY OPERATORS ONLY. Military Hazardous Materials Certification. In accordance with applicable service regulations, ensure operator has been certified to transport hazardous materials.

b. *Valid Lease. Shipper will ensure a copy of the appropriate contract or lease is carried in all leased vehicles and is available for inspection. (49 CFR 376.12 and 376.11(c)(2)).

c. Route Plan. Prior to loading any Hazard Class/Division 1.1, 1.2, or 1.3 (Explosives) for shipment, ensure that the operator possesses a written route plan in accordance with 49 CFR Part 397. Route Plan requirements for Hazard Class 7 (Radioactive) materials are found in 49 CFR 397.101.

d. Emergency Response Guidebook (ERG) or Equivalent. Commercial operators must be in possession of an ERG or equivalent document. Shipper will provide applicable ERG page(s) to military operators.

e. *Driver's Vehicle Inspection Report. Review the operator's Vehicle Inspection Report. Ensure that there are no defects listed on the report that would affect the safe operation of the vehicle.

f. Copy of 49 CFR Part 397. Operators are required by regulation to have in their possession a copy of 49 CFR Part 397 (Transportation of Hazardous Materials Driving and Parking Rules). If military operators do not possess this document, shipper will provide a copy to operator.

Item 9. *Commercial Vehicle Safety Alliance (CVSA) Decal. Check to see if equipment has a current CVSA decal and mark applicable box. Vehicles without CVSA, check documentation of the last vehicle periodic inspection and perform DD Form 626 inspection.

SECTION II - MECHANICAL INSPECTION

General Instructions.

All items (12.a. through 12.t.) will be checked on all incoming empty equipment prior to loading. All UNSATISFACTORY conditions must be corrected prior to loading. Items with an asterisk (*) shall be checked on all incoming loaded equipment. Unsatisfactory conditions that would affect the safe off-loading of the equipment must be corrected prior to unloading.

SECTION II *(Continued)*

Item 12.a. Spare Electrical Fuses. Check to ensure that at least one spare fuse for each type of installed fuse is carried on the vehicle as a spare or vehicle is equipped with an overload protection device (circuit breaker). (49 CFR 393.95)

b. Horn Operative. Ensure that horn is securely mounted and of sufficient volume to serve purpose. (49 CFR 393.81)

c. Steering System. The steering wheel shall be secure and must not have any spokes cracked through or missing. The steering column must be securely fastened. Universal joints shall not be worn, faulty or repaired by welding. The steering gear box shall not have loose or missing mounting bolts or cracks in the gear box mounting brackets. The pitman arm on the steering gear output shaft shall not be loose. Steering wheel shall turn freely through the limit of travel in both directions. All components of a power steering system must be in operating condition. No parts shall be loose or broken. Belts shall not be frayed, cracked or slipping. The power steering system shall not be leaking. (49 CFR 396 Appendix G)

d. Windshield/Wipers. Inspect to ensure that windshield is free from breaks, cracks or defects that would make operation of the vehicle unsafe; that the view of the driver is not obscured and that the windshield wipers are operational and wiper blades are in serviceable condition. Defroster must be operative when conditions require. (49 CFR 393.60, 393.78 and 393.79)

e. Mirrors. Every vehicle must be equipped with two rear vision mirrors located so as to reflect to the driver a view of the highway to the rear along both sides of the vehicle. Mirrors shall not be cracked or dirty. (49 CFR 393.80)

f. Warning Equipment. Equipment must include three bidirectional emergency reflective triangles that conform to the requirements of FMVSS No. 125. FLAME PRODUCING DEVICES ARE PROHIBITED. (49 CFR 393.95)

g. Fire Extinguisher. Military vehicles must be equipped with two serviceable fire extinguishers with an Underwriters Laboratories rating of 10 BC or more. (Commercial motor vehicles must be equipped with one serviceable 10 BC Fire Extinguisher). Fire extinguisher(s) must be located so that it is readily accessible for use and securely mounted on the vehicle. The fire extinguisher must be designed, constructed and maintained to permit visual determination of whether it is fully charged. (49 CFR 393.95)

h. Electrical Wiring: Electrical wiring must be clean and properly secured. Insulation must not be frayed, cracked or otherwise in poor condition. There shall be no uninsulated wires, improper splices or connections. Wires and electrical fixtures inside the cargo area must be protected from the lading. (49 CFR 393.28, 393.32, 393.33)

SECTION II *(Continued)*

i. Lights/Reflectors. (Head, tail, turn signal, brake, clearance, marker and identification lights, Emergency Flashers). Inspect to see that all lighting devices and reflectors required are operable, of proper color and properly mounted. Ensure that lights and reflectors are not obscured by dirt or grease or have broken lenses. High/Low beam switch must be operative. Emergency Flashers must be operative on both the front and rear of vehicle. (49 CFR 393.24, 25, and 26)

j. Fuel System. Inspect fuel tank and lines to ensure that they are in serviceable condition, free from leaks, or evidence of leakage and securely mounted. Ensure that fuel tank filler cap is not missing. Examine cap for defective gasket or plugged vent. Inspect filler necks to see that they are in completely serviceable condition and not leaking at joints. (49 CFR 393.83)

k. Exhaust System. Exhaust system shall discharge to the atmosphere at a location to the rear of the cab or if the exhaust projects above the cab, at a location near the rear of the cab. Exhaust system shall not be leaking at a point forward of or directly below the driver compartment. No part of the exhaust system shall be located where it will burn, char or damage electrical wiring, fuel system or any other part of the vehicle. No part of the exhaust system shall be temporarily repaired with wrap or patches. (49 CFR 393.83)

l. Brake System (to include hand brakes, parking brakes and Low Air Warning devices). Check to ensure that brakes are operational and properly adjusted. Check for audible air leaks around air brake components and air lines. Check for fluid leaks, cracked or damaged lines in hydraulic brake systems. Ensure that parking brake is operational and properly adjusted. Low Air Warning devices must be operative. (49 CFR 393.40, 41, 42, 43, 44, 45, 47, 48, 49, 50, 51, 52, 53, and 55)

m. Suspension. Inspect for indications of misaligned, shifted or cracked springs, loosened shackles, missing bolts, spring hangers unsecured at frame and cracked or loose U-bolts. Inspect for any unsecured axle positioning parts, and sign of axle misalignment, broken torsion bar springs (if so equipped). (49 CFR 393.207)

n. Coupling Devices (Inspect without uncoupling). Fifth Wheels: Inspect for unsecured mounting to frame or any missing or damaged parts. Inspect for any visible space between upper and lower fifth wheel plates. Ensure that the locking jaws are around the shank and not the head of the kingpin. Ensure that the release lever is seated properly and safety latch is engaged. Pintle Hook, Drawbar, Towbar Eye and Tongue and Safety Devices: Inspect for unsecured mounting, cracks, missing or ineffective fasteners (welded repairs to pintle hook is prohibited). Ensure safety devices (chains, hooks, cables) are in serviceable condition and properly attached. (49 CFR 393.70 and 71)

o. Cargo Space. Inspect to ensure that cargo space is clean and free from exposed bolts, nuts, screws, nails or inwardly projecting parts that could damage the lading. Check floor to ensure it is tight and free from holes. Floor shall not be permeated with oil or other substances. (49 CFR 393.84)

p. Landing Gear. Inspect to ensure that landing gear and assembly are in serviceable condition, correctly assembled, adequately lubricated and properly mounted.

SECTION II *(Continued)*

q. Tires, Wheels and Rims: Inspect to ensure that tires are properly inflated. Flat or leaking tires are unacceptable. Inspect tires for cuts, bruises, breaks and blisters. Tires with cuts that extend into the cord body are unacceptable. Thread depth shall not be less than: 4/32 inches for tires on a steering axle of a power unit, and 2/32 inches for all other tires. Mixing bias and radial on the steering axle is prohibited. Inspect wheels and rims for cracks, unseated locking rings, broken, loose, damaged or missing lug nuts or elongated stud holes. (49 CFR 393.75)

r. Tailgate/Doors. Inspect to see that all hinges are tight in body. Check for broken latches and safety chains. Doors must close securely. (49 CFR 177.835(h))

s. Tarpaulin. If shipment is made on open equipment, ensure that lading is properly covered with fire and water resistant tarpaulin. (49 CFR 177.835(h))

t. Other Unsatisfactory Condition. Note any other condition which would prohibit the vehicle from being loaded with hazardous materials.

Item 14. For AA&E and other shipments requiring satellite surveillance, ensure that the Satellite Motor Surveillance System is operable. The DTTS Message Display Unit, when operative, will display the signal "DTTS ON". The munitions carrier driver, when practical, will position the DTTS message display unit in a manner that allows the shipping inspector or other designated shipping personnel to observe the "DTTS ON" message without climbing aboard the cab of the motor vehicle.

SECTION III - POST LOADING INSPECTION

General Instructions.

All items will be checked prior to the release of loaded equipment. Shipment will not be released until deficiencies are corrected. All items will be checked on incoming loaded equipment. Deficiencies will be reported in accordance with applicable service regulations.

Item 18. Check to ensure shipment is loaded in accordance with 49 CFR Part 177.848 and the applicable Segregation or Compatibility Table of 49 CFR 177.848.

Item 19. Check to ensure the load is secured from movement in accordance with applicable service outload drawings.

Item 20. Check to ensure seal(s) have been applied to closed equipment; fire and water resistant tarpaulin applied on open equipment.

Item 21. Check to ensure each transport vehicle has been properly placarded in accordance with 49 CFR 172.504.

Item 22. Check to ensure operator has been provided shipping papers that comply with 49 CFR 172.201 and 202. For shipments transported by Government vehicle, shipping paper will be DD Form 836.

Item 23. Ensure operator(s) sign DD Form 626, are given a copy and understand the hazards associated with the shipment.

Item 24. Applies to Commercial Shipments Only. If shipment is made under DOT Special Permit 868, ensure that shipping papers are properly annotated and copy of Special Permit 868 is with shipping papers.

MOTOR VEHICLE INSPECTION (TRANSPORTING HAZARDOUS MATERIALS)

(Read Instructions before completing this form.)

This form applies to all vehicles which must be marked or placarded in accordance with Title 49 CFR.

1. BILL OF LADING/TRANSPORTATION CONTROL NUMBER

SECTION 1 - DOCUMENTATION	ORIGIN a.	DESTINATION b.
2. CARRIER/GOVERNMENT ORGANIZATION	TetraTeck NUS	TETRA TECH NUS
3. DATE/TIME OF INSPECTION	7/27/10	7/27/10
4. LOCATION OF INSPECTION	NAS Brunswick	NAS BRUNSWICK
5. OPERATOR(S) NAME(S)	Mark Soha/Alfred Smith	MARK SOHA/ALFRED SMITH
6. OPERATOR(S) LICENSE NUMBER(S)		
7. MEDICAL EXAMINER'S CERTIFICATE*		

8. *(X if satisfactory at origin)*

a. MILITARY HAZMAT ENDORSEMENT		d. ERG OR EQUIVALENT COMMERCIAL:	YES	NO			
b. VALID LEASE*	X	e. DRIVER'S VEHICLE INSPECTION REPORT*			X		
c. ROUTE PLAN	X	f. COPY OF 49 CFR PART 397					

9. CVSA DECAL DISPLAYED ON COMMERCIAL EQUIPMENT*

	YES	NO
a. TRUCK/TRACTOR		
b. TRAILER		

SECTION II - MECHANICAL INSPECTION

All items shall be checked on empty equipment prior to loading. Items with an asterisk shall be checked on all incoming loaded equipment.

10. TYPE OF VEHICLE(S) CHEVROLET SILVERADO

11. VEHICLE NUMBER(S) VIN 1GCEK29C692245046

12. PART INSPECTED *(X as applicable)*	ORIGIN (1) SAT	ORIGIN (1) UNSAT	DESTINATION (2) SAT	DESTINATION (2) UNSAT		ORIGIN (1) SAT	ORIGIN (1) UNSAT	DESTINATION (2) SAT	DESTINATION (2) UNSAT	COMMENTS (3)
a. SPARE ELECTRICAL FUSES	✓				k. EXHAUST SYSTEM	✓				
b. HORN OPERATIVE	✓				l. BRAKE SYSTEM*	✓				
c. STEERING SYSTEM	✓				m. SUSPENSION	✓				
d. WINDSHIELD/WIPERS	✓				n. COUPLING DEVICES	✓				
e. MIRRORS	✓				o. CARGO SPACE	✓				
f. WARNING EQUIPMENT	✓				p. LANDING GEAR*					
g. FIRE EXTINGUISHER*	✓				q. TIRES, WHEELS, RIMS	✓				
h. ELECTRICAL WIRING	✓				r. TAILGATE/DOORS*	✓				
i. LIGHTS AND REFLECTORS	✓				s. TARPAULIN*					
j. FUEL SYSTEM*	✓				t. OTHER *(Specify)*					

13. INSPECTION RESULTS *(X one)* **ACCEPTED** [X] **REJECTED** [ ]

(If rejected give reason under "Remarks". Equipment will be approved if deficiencies are corrected prior to loading.)

14. SATELLITE MOTOR SURVEILLANCE SYSTEM: *(X one)* **ACCEPTED** [ ] **REJECTED** [ ] N/A

15. REMARKS

16. INSPECTOR SIGNATURE *(Origin)* [signature]

17. INSPECTOR SIGNATURE *(Destination)* [signature]

SECTION III - POST LOADING INSPECTION

This section applies to Commercial and Government/Military vehicles. All items will be checked prior to release of loaded equipment and shall be checked on all incoming loaded equipment.

	ORIGIN (1) SAT	ORIGIN (1) UNSAT	DESTINATION (2) SAT	DESTINATION (2) UNSAT	COMMENTS (3)
18. LOADED IAW APPLICABLE SEGREGATION/COMPATIBILITY TABLE OF 49 CFR	✓		✓		
19. LOAD PROPERLY SECURED TO PREVENT MOVEMENT	✓		✓		
20. SEALS APPLIED TO CLOSED VEHICLE; TARPAULIN APPLIED ON OPEN EQUIPMENT	✓		✓		
21. PROPER PLACARDS APPLIED	✓		✓		
22. SHIPPING PAPERS/DD FORM 836 FOR GOVERNMENT VEHICLE SHIPMENTS					
23. COPY OF DD FORM 626 FOR DRIVER					
24. SHIPPED UNDER DOT SPECIAL PERMIT 868					

25. INSPECTOR SIGNATURE *(Origin)* [signature]

26. DRIVER(S) SIGNATURE *(Origin)* [signature]

27. INSPECTOR SIGNATURE *(Destination)* [signature]

28. DRIVER(S) SIGNATURE *(Destination)* [signature]

INSTRUCTIONS

SECTION I - DOCUMENTATION

General Instructions.

All items (2 through 9) will be checked at origin prior to loading. Items with an asterisk (*) apply to commercial operators or equipment only. Only Items 2 through 7 are required to be checked at destination.

Items 1 through 5. Self explanatory.

Item 6. Enter operator's Commercial Driver's License (CDL) number or Military OF-346 License Number. CDL and OF-346 must have the HAZMAT and other appropriate endorsements IAW 49 CFR 383.

Item 7. *Enter the expiration date listed on the Medical Examiner's Certificate.

Item 8.a. APPLIES TO MILITARY OPERATORS ONLY. Military Hazardous Materials Certification. In accordance with applicable service regulations, ensure operator has been certified to transport hazardous materials.

b. *Valid Lease. Shipper will ensure a copy of the appropriate contract or lease is carried in all leased vehicles and is available for inspection. (49 CFR 376.12 and 376.11(c)(2)).

c. Route Plan. Prior to loading any Hazard Class/Division 1.1, 1.2, or 1.3 (Explosives) for shipment, ensure that the operator possesses a written route plan in accordance with 49 CFR Part 397. Route Plan requirements for Hazard Class 7 (Radioactive) materials are found in 49 CFR 397.101.

d. Emergency Response Guidebook (ERG) or Equivalent. Commercial operators must be in possession of an ERG or equivalent document. Shipper will provide applicable ERG page(s) to military operators.

e. *Driver's Vehicle Inspection Report. Review the operator's Vehicle Inspection Report. Ensure that there are no defects listed on the report that would affect the safe operation of the vehicle.

f. Copy of 49 CFR Part 397. Operators are required by regulation to have in their possession a copy of 49 CFR Part 397 (Transportation of Hazardous Materials Driving and Parking Rules). If military operators do not possess this document, shipper will provide a copy to operator.

Item 9. *Commercial Vehicle Safety Alliance (CVSA) Decal. Check to see if equipment has a current CVSA decal and mark applicable box. Vehicles without CVSA, check documentation of the last vehicle periodic inspection and perform DD Form 626 inspection.

SECTION II - MECHANICAL INSPECTION

General Instructions.

All items (12.a. through 12.t.) will be checked on all incoming empty equipment prior to loading. All UNSATISFACTORY conditions must be corrected prior to loading. Items with an asterisk (*) shall be checked on all incoming loaded equipment. Unsatisfactory conditions that would affect the safe off-loading of the equipment must be corrected prior to unloading.

SECTION II *(Continued)*

Item 12.a. Spare Electrical Fuses. Check to ensure that at least one spare fuse for each type of installed fuse is carried on the vehicle as a spare or vehicle is equipped with an overload protection device (circuit breaker). (49 CFR 393.95)

b. Horn Operative. Ensure that horn is securely mounted and of sufficient volume to serve purpose. (49 CFR 393.81)

c. Steering System. The steering wheel shall be secure and must not have any spokes cracked through or missing. The steering column must be securely fastened. Universal joints shall not be worn, faulty or repaired by welding. The steering gear box shall not have loose or missing mounting bolts or cracks in the gear box mounting brackets. The pitman arm on the steering gear output shaft shall not be loose. Steering wheel shall turn freely through the limit of travel in both directions. All components of a power steering system must be in operating condition. No parts shall be loose or broken. Belts shall not be frayed, cracked or slipping. The power steering system shall not be leaking. (49 CFR 396 Appendix G)

d. Windshield/Wipers. Inspect to ensure that windshield is free from breaks, cracks or defects that would make operation of the vehicle unsafe; that the view of the driver is not obscured and that the windshield wipers are operational and wiper blades are in serviceable condition. Defroster must be operative when conditions require. (49 CFR 393.60, 393.78 and 393.79)

e. Mirrors. Every vehicle must be equipped with two rear vision mirrors located so as to reflect to the driver a view of the highway to the rear along both sides of the vehicle. Mirrors shall not be cracked or dirty. (49 CFR 393.80)

f. Warning Equipment. Equipment must include three bidirectional emergency reflective triangles that conform to the requirements of FMVSS No. 125. FLAME PRODUCING DEVICES ARE PROHIBITED. (49 CFR 393.95)

g. Fire Extinguisher. Military vehicles must be equipped with two serviceable fire extinguishers with an Underwriters Laboratories rating of 10 BC or more. (Commercial motor vehicles must be equipped with one serviceable 10 BC Fire Extinguisher). Fire extinguisher(s) must be located so that it is readily accessible for use and securely mounted on the vehicle. The fire extinguisher must be designed, constructed and maintained to permit visual determination of whether it is fully charged. (49 CFR 393.95)

h. Electrical Wiring: Electrical wiring must be clean and properly secured. Insulation must not be frayed, cracked or otherwise in poor condition. There shall be no uninsulated wires, improper splices or connections. Wires and electrical fixtures inside the cargo area must be protected from the lading. (49 CFR 393.28, 393.32, 393.33)

INSTRUCTIONS

SECTION II *(Continued)*

i. Lights/Reflectors. (Head, tail, turn signal, brake, clearance, marker and identification lights, Emergency Flashers). Inspect to see that all lighting devices and reflectors required are operable, of proper color and properly mounted. Ensure that lights and reflectors are not obscured by dirt or grease or have broken lenses. High/Low beam switch must be operative. Emergency Flashers must be operative on both the front and rear of vehicle. (49 CFR 393.24, 25, and 26)

j. Fuel System. Inspect fuel tank and lines to ensure that they are in serviceable condition, free from leaks, or evidence of leakage and securely mounted. Ensure that fuel tank filler cap is not missing. Examine cap for defective gasket or plugged vent. Inspect filler necks to see that they are in completely serviceable condition and not leaking at joints. (49 CFR 393.83)

k. Exhaust System. Exhaust system shall discharge to the atmosphere at a location to the rear of the cab or if the exhaust projects above the cab, at a location near the rear of the cab. Exhaust system shall not be leaking at a point forward of or directly below the driver compartment. No part of the exhaust system shall be located where it will burn, char or damage electrical wiring, fuel system or any other part of the vehicle. No part of the exhaust system shall be temporarily repaired with wrap or patches. (49 CFR 393.83)

l. Brake System (to include hand brakes, parking brakes and Low Air Warning devices). Check to ensure that brakes are operational and properly adjusted. Check for audible air leaks around air brake components and air lines. Check for fluid leaks, cracked or damaged lines in hydraulic brake systems. Ensure that parking brake is operational and properly adjusted. Low Air Warning devices must be operative. (49 CFR 393.40, 41, 42, 43, 44, 45, 47, 48, 49, 50, 51, 52, 53, and 55)

m. Suspension. Inspect for indications of misaligned, shifted or cracked springs, loosened shackles, missing bolts, spring hangers unsecured at frame and cracked or loose U-bolts. Inspect for any unsecured axle positioning parts, and sign of axle misalignment, broken torsion bar springs (if so equipped). (49 CFR 393.207)

n. Coupling Devices (Inspect without uncoupling). Fifth Wheels: Inspect for unsecured mounting to frame or any missing or damaged parts. Inspect for any visible space between upper and lower fifth wheel plates. Ensure that the locking jaws are around the shank and not the head of the kingpin. Ensure that the release lever is seated properly and safety latch is engaged. Pintle Hook, Drawbar, Towbar Eye and Tongue and Safety Devices: Inspect for unsecured mounting, cracks, missing or ineffective fasteners (welded repairs to pintle hook is prohibited). Ensure safety devices (chains, hooks, cables) are in serviceable condition and properly attached. (49 CFR 393.70 and 71)

o. Cargo Space. Inspect to ensure that cargo space is clean and free from exposed bolts, nuts, screws, nails or inwardly projecting parts that could damage the lading. Check floor to ensure it is tight and free from holes. Floor shall not be permeated with oil or other substances. (49 CFR 393.84)

p. Landing Gear. Inspect to ensure that landing gear and assembly are in serviceable condition, correctly assembled, adequately lubricated and properly mounted.

SECTION II *(Continued)*

q. Tires, Wheels and Rims: Inspect to ensure that tires are properly inflated. Flat or leaking tires are unacceptable. Inspect tires for cuts, bruises, breaks and blisters. Tires with cuts that extend into the cord body are unacceptable. Thread depth shall not be less than: 4/32 inches for tires on a steering axle of a power unit, and 2/32 inches for all other tires. Mixing bias and radial on the steering axle is prohibited. Inspect wheels and rims for cracks, unseated locking rings, broken, loose, damaged or missing lug nuts or elongated stud holes. (49 CFR 393.75)

r. Tailgate/Doors. Inspect to see that all hinges are tight in body. Check for broken latches and safety chains. Doors must close securely. (49 CFR 177.835(h))

s. Tarpaulin. If shipment is made on open equipment, ensure that lading is properly covered with fire and water resistant tarpaulin. (49 CFR 177.835(h))

t. Other Unsatisfactory Condition. Note any other condition which would prohibit the vehicle from being loaded with hazardous materials.

Item 14. For AA&E and other shipments requiring satellite surveillance, ensure that the Satellite Motor Surveillance System is operable. The DTTS Message Display Unit, when operative, will display the signal "DTTS ON". The munitions carrier driver, when practical, will position the DTTS message display unit in a manner that allows the shipping inspector or other designated shipping personnel to observe the "DTTS ON" message without climbing aboard the cab of the motor vehicle.

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Item 19. Check to ensure the load is secured from movement in accordance with applicable service outload drawings.

Item 20. Check to ensure seal(s) have been applied to closed equipment; fire and water resistant tarpaulin applied on open equipment.

Item 21. Check to ensure each transport vehicle has been properly placarded in accordance with 49 CFR 172.504.

Item 22. Check to ensure operator has been provided shipping papers that comply with 49 CFR 172.201 and 202. For shipments transported by Government vehicle, shipping paper will be DD Form 836.

Item 23. Ensure operator(s) sign DD Form 626, are given a copy and understand the hazards associated with the shipment.

Item 24. Applies to Commercial Shipments Only. If shipment is made under DOT Special Permit 868, ensure that shipping papers are properly annotated and copy of Special Permit 868 is with shipping papers.

B.11 EQUIPMENT INSPECTION CHECKLISTS

Equipment Inspection Checklist

Company: TETRA TECH NUS

Unit/Serial No#: W0300CX005820

Inspection Date: 6/10/10 **Time:** 07:15

Equipment Type: JOHN DEERE SHREDDER

Project Name: BRUNSWICK N.A.S.

Project No#: 112G02063

Yes	No	NA	Requirement	Comments
			Emergency Stop Devices	
✓			• Emergency Stop Devices (At points of operation)	
✓			• Have all emergency shut offs identified been communicated to the field crew?	
✓			• Has a person been designated as the Emergency Stop Device Operator?	
			Highway Use	
			• Cab, mirrors, safety glass?	
✓			• Turn signals, lights, brake lights, etc. (front/rear) for equipment approved for highway use?	
✓			• Seat Belts?	
✓			• Is the equipment equipped with audible back-up alarms and back-up lights?	
✓			• Horn and gauges	
✓			• Brake condition (dynamic, park, etc.)	
✓			• Tires (Tread) or tracks	
		✓	• Windshield wipers	
✓			• Exhaust system	
✓			• Steering (standard and emergency)	
✓			• Wheel Chocks?	
✓			• Are tools and material secured to prevent movement during transport? Especially those within the cab?	
	✓		• Are there flammables or solvents or other prohibited substances stored within the cab?	
	✓		• Are tools or debris in the cab that may adversely influence operation of the vehicle (in and around brakes, clutch, gas pedals)	

Yes	No	NA	Requirement	Comments
☑	☐	☐	Fluid Levels: • Engine oil	
☑	☐	☐	• Transmission fluid	
☑	☐	☐	• Brake fluid	
☑	☐	☐	• Cooling system fluid	
☑	☐	☐	• Hoses and belts	
☑	☐	☐	• Hydraulic oil	
☐	☑	☐	High Pressure Hydraulic Lines • Obvious damage	
☑	☐	☐	• Operator protected from accidental release	
☑	☐	☐	• Coupling devices, connectors, retention cables/pins are in good condition and in place	
☐	☐	☑	Mast Condition • Structural components/tubing	
☐	☐	☑	• Connection points	
☐	☐	☑	• Pins	
☐	☐	☑	• Welds	
☐	☐	☑	• Outriggers	
☐	☐	☑	• Operational	
☐	☐	☑	• Plumb (when raised)	
☐	☐	☑	Hooks • Are the hooks equipped with Safety Latches?	
☐	☐	☑	• Does it appear that the hook is showing signs of wear in excess of 10% original dimension?	
☐	☐	☑	• Is there a bend or twist exceeding 10% from the plane of an unbent hook?	
☐	☐	☑	• Increase in throat opening exceeding 15% from new condition	
☐	☐	☑	• Excessive nicks and/or gouges	
☐	☐	☑	• Clips	
☐	☐	☑	• Number of U-Type (Crosby) Clips (cable size 5/16 – 5/8 = 3 clips minimum) (cable size 3/4 – 1 inch = 4 clips minimum) (cable size 1 1/8 – 1 3/8 inch = 5 clips minimum)	

Yes	No	NA	Requirement	Comments
			Power cable and/or hoist cable	
☐	☐	☑	• Reduction in Rope diameter π (5/16 wire rope>1/64 reduction nominal size -replace) (3/8 to 1/2 wire rope>1/32 reduction nominal size-replace) (9/16 to 3/4 wire rope>3/64 reduction nominal size-replace)	
☐	☐	☑	• Number of broken wires (6 randomly broken wires in one rope lay) (3 broken wires in one strand)	
☐	☐	☑	• Number of wire rope wraps left on the Running Drum at nominal use (≥3 required)	
☐	☐	☑	- Lead (primary) sheave is centered on the running drum	
☐	☐	☑	• Lubrication of wire rope (adequate?)	
☐	☐	☑	• Kinks, bends – Flattened to > 50% diameter	
			Hemp/Fiber rope (Cathead/Split Spoon Hammer)	
☐	☐	☑	• Minimum ¾; maximum 1 inch rope diameter (Inspect for physical damage)	
☐	☐	☑	• Rope to hammer is securely fastened	
			Safety Guards –	
☑	☐	☐	• Around rotating apparatus (belts, pulleys, sprockets, spindles, drums, flywheels, chains) all points of operations protected from accidental contact?	
☐	☑	☐	• Hot pipes and surfaces exposed to accidental contact?	
☑	☐	☐	• High pressure lines	
☐	☑	☐	• Nip/pinch points	
			Operator Qualifications	
☐	☐	☑	• Does the operator have proper licensing where applicable, (e.g., CDL)?	
☑	☐	☐	• Does the operator, understand the equipment's operating instructions?	
☑	☐	☐	• Is the operator experienced with this equipment?	
☑	☐	☐	• Is the operator 21 years of age or more?	

Yes	No	NA	Requirement	Comments
☐	☐	☐	PPE Required for Drill Rig Exclusion Zone	
☐	☐	☐	• Hardhat	
☐	☐	☐	• Safety glasses	
☐	☐	☐	• Work gloves	
☐	☐	☐	• Chemical resistant gloves_____	
☐	☐	☐	• Steel toed Work Boots	
☐	☐	☐	• Chemical resistant Boot Covers	
☐	☐	☐	• Apron	
☐	☐	☐	• Coveralls Tyvek, Saranex, cotton)_____	
☐	☑	☐	Other Hazards	
☐	☑	☐	• Excessive Noise Levels? _____dBA	
☑	☐	☐	• Chemical hazards (Drilling supplies - Sand, bentonite, grout, fuel, etc.)	
☑	☐	☐	- MSDSs available?	
☑	☐	☐	• Will On-site fueling occur	
☑	☐	☐	- Safety cans available?	
			- Fire extinguisher (Type/Rating - _____)	

Approved for Use ☑ Yes ☐ No ☐ See Comments

_____
Site Health and Safety Officer

M. Stoka TECH III
Operator

Equipment Inspection Checklist

Company: TETRA TECH NUS

Unit/Serial No#: W0300CX005820

Inspection Date: 6 / 11 / 10 **Time:** 7 : 15

Equipment Type: John Deere Shredder

Project Name: Brunswick NAS.

Project No#: 112G02063

Yes	No	NA	Requirement	Comments
			Emergency Stop Devices	
☑	☐	☐	• Emergency Stop Devices (At points of operation)	
☑	☐	☐	• Have all emergency shut offs identified been communicated to the field crew?	
☑	☐	☐	• Has a person been designated as the Emergency Stop Device Operator?	
			Highway Use	
☐	☐	☐	• Cab, mirrors, safety glass?	
☐	☐	☐	• Turn signals, lights, brake lights, etc. (front/rear) for equipment approved for highway use?	
☑	☐	☐	• Seat Belts?	
☑	☐	☐	• Is the equipment equipped with audible back-up alarms and back-up lights?	
☑	☐	☐	• Horn and gauges	
☑	☐	☐	• Brake condition (dynamic, park, etc.)	
☑	☐	☐	• Tires (Tread) or tracks	
☐	☐	☑	• Windshield wipers	
☑	☐	☐	• Exhaust system	
☑	☐	☐	• Steering (standard and emergency)	
☑	☐	☐	• Wheel Chocks?	
☑	☐	☐	• Are tools and material secured to prevent movement during transport? Especially those within the cab?	
☐	☑	☐	• Are there flammables or solvents or other prohibited substances stored within the cab?	
☐	☑	☐	• Are tools or debris in the cab that may adversely influence operation of the vehicle (in and around brakes, clutch, gas pedals)	

Yes	No	NA	Requirement	Comments
			Fluid Levels:	
☑	☐	☐	• Engine oil	
☑	☐	☐	• Transmission fluid	
☑	☐	☐	• Brake fluid	
☑	☐	☐	• Cooling system fluid	
☑	☐	☐	• Hoses and belts	
☑	☐	☐	• Hydraulic oil	
			High Pressure Hydraulic Lines	
☐	☑	☐	• Obvious damage	
☑	☐	☐	• Operator protected from accidental release	
☑	☐	☐	• Coupling devices, connectors, retention cables/pins are in good condition and in place	
			Mast Condition	
☐	☐	☑	• Structural components/tubing	
☐	☐	☑	• Connection points	
☐	☐	☑	• Pins	
☐	☐	☑	• Welds	
☐	☐	☑	• Outriggers	
☐	☐	☑	• Operational	
☐	☐	☑	• Plumb (when raised)	
			Hooks	
☐	☐	☑	• Are the hooks equipped with Safety Latches?	
☐	☐	☑	• Does it appear that the hook is showing signs of wear in excess of 10% original dimension?	
☐	☐	☑	• Is there a bend or twist exceeding 10% from the plane of an unbent hook?	
☐	☐	☑	• Increase in throat opening exceeding 15% from new condition	
☐	☐	☑	• Excessive nicks and/or gouges	
☐	☐	☑	• Clips	
☐	☐	☑	• Number of U-Type (Crosby) Clips (cable size 5/16 – 5/8 = 3 clips minimum) (cable size 3/4 – 1 inch = 4 clips minimum) (cable size 1 1/8 – 1 3/8 inch = 5 clips minimum)	

Yes	No	NA	Requirement	Comments
			Power cable and/or hoist cable	
☐	☐	☑	• Reduction in Rope diameter π (5/16 wire rope>1/64 reduction nominal size -replace) (3/8 to 1/2 wire rope>1/32 reduction nominal size-replace) (9/16 to 3/4 wire rope>3/64 reduction nominal size-replace)	
☐	☐	☑	• Number of broken wires (6 randomly broken wires in one rope lay) (3 broken wires in one strand)	
☐	☐	☑	• Number of wire rope wraps left on the Running Drum at nominal use (≥3 required)	
☐	☐	☑	- Lead (primary) sheave is centered on the running drum	
☐	☐	☑	• Lubrication of wire rope (adequate?)	
☐	☐	☑	• Kinks, bends – Flattened to > 50% diameter	
			Hemp/Fiber rope (Cathead/Split Spoon Hammer)	
☐	☐	☑	• Minimum ¾; maximum 1 inch rope diameter (Inspect for physical damage)	
☐	☐	☑	• Rope to hammer is securely fastened	
			Safety Guards –	
☑	☐	☐	• Around rotating apparatus (belts, pulleys, sprockets, spindles, drums, flywheels, chains) all points of operations protected from accidental contact?	
☐	☑	☐	• Hot pipes and surfaces exposed to accidental contact?	
☑	☐	☐	• High pressure lines	
☐	☑	☐	• Nip/pinch points	
			Operator Qualifications	
☐	☐	☑	• Does the operator have proper licensing where applicable, (e.g., CDL)?	
☑	☐	☐	• Does the operator, understand the equipment's operating instructions?	
☑	☐	☐	• Is the operator experienced with this equipment?	
☑	☐	☐	• Is the operator 21 years of age or more?	

Yes	No	NA	Requirement	Comments
☐	☐	☑	PPE Required for Drill Rig Exclusion Zone	
☐	☐	☑	• Hardhat	
☐	☐	☑	• Safety glasses	
☐	☐	☑	• Work gloves	
☐	☐	☑	• Chemical resistant gloves_____	
☐	☐	☑	• Steel toed Work Boots	
☐	☐	☑	• Chemical resistant Boot Covers	
☐	☐	☑	• Apron	
☐	☐	☑	• Coveralls Tyvek, Saranex, cotton)_____	
☐	☑	☐	Other Hazards	
☐	☑	☐	• Excessive Noise Levels? _____dBA	
☑	☐	☐	• Chemical hazards (Drilling supplies - Sand, bentonite, grout, fuel, etc.)	
☑	☐	☐	- MSDSs available?	
☑	☐	☐	• Will On-site fueling occur	
☑	☐	☐	- Safety cans available?	
			- Fire extinguisher (Type/Rating -_____ _)	

Approved for Use ☑ Yes ☐ No ☐ See Comments

_____
Site Health and Safety Officer

Frank Loney Tech I
Operator

Equipment Inspection Checklist

Company: TETRA TECH NUS

Unit/Serial No#: W0300CX005820

Inspection Date: 6/12/10 **Time:** 7 : 15

Equipment Type: JOHN DEERE SHREDDER

Project Name: BRUNSWICK N.A.S.

Project No#: 112G02063

Yes	No	NA	Requirement	Comments
			Emergency Stop Devices	
☑	☐	☐	• Emergency Stop Devices (At points of operation)	
☑	☐	☐	• Have all emergency shut offs identified been communicated to the field crew?	
☑	☐	☐	• Has a person been designated as the Emergency Stop Device Operator?	
			Highway Use	
☐	☐	☐	• Cab, mirrors, safety glass?	
☐	☐	☐	• Turn signals, lights, brake lights, etc. (front/rear) for equipment approved for highway use?	
☑	☐	☐	• Seat Belts?	
☑	☐	☐	• Is the equipment equipped with audible back-up alarms and back-up lights?	
☑	☐	☐	• Horn and gauges	
☑	☐	☐	• Brake condition (dynamic, park, etc.)	
☑	☐	☐	• Tires (Tread) or tracks	
☐	☐	☑	• Windshield wipers	
☑	☐	☐	• Exhaust system	
☑	☐	☐	• Steering (standard and emergency)	
☑	☐	☐	• Wheel Chocks?	
☑	☐	☐	• Are tools and material secured to prevent movement during transport? Especially those within the cab?	
☐	☑	☐	• Are there flammables or solvents or other prohibited substances stored within the cab?	
☐	☑	☐	• Are tools or debris in the cab that may adversely influence operation of the vehicle (in and around brakes, clutch, gas pedals)	

Yes	No	NA	Requirement	Comments
☑	☐	☐	Fluid Levels: • Engine oil	
☑	☐	☐	• Transmission fluid	
☑	☐	☐	• Brake fluid	
☑	☐	☐	• Cooling system fluid	
☑	☐	☐	• Hoses and belts	
☑	☐	☐	• Hydraulic oil	
☐	☑	☐	High Pressure Hydraulic Lines • Obvious damage	
☑	☐	☐	• Operator protected from accidental release	
☑	☐	☐	• Coupling devices, connectors, retention cables/pins are in good condition and in place	
☐	☐	☑	Mast Condition • Structural components/tubing	
☐	☐	☑	• Connection points	
☐	☐	☑	• Pins	
☐	☐	☑	• Welds	
☐	☐	☑	• Outriggers	
☐	☐	☑	• Operational	
☐	☐	☑	• Plumb (when raised)	
☐	☐	☑	Hooks • Are the hooks equipped with Safety Latches?	
☐	☐	☑	• Does it appear that the hook is showing signs of wear in excess of 10% original dimension?	
☐	☐	☑	• Is there a bend or twist exceeding 10% from the plane of an unbent hook?	
☐	☐	☑	• Increase in throat opening exceeding 15% from new condition	
☐	☐	☑	• Excessive nicks and/or gouges	
☐	☐	☑	• Clips	
☐	☐	☑	• Number of U-Type (Crosby) Clips (cable size 5/16 – 5/8 = 3 clips minimum) (cable size 3/4 – 1 inch = 4 clips minimum) (cable size 1 1/8 – 1 3/8 inch = 5 clips minimum)	

Yes	No	NA	Requirement	Comments
☐	☐	☑	Power cable and/or hoist cable • Reduction in Rope diameter π (5/16 wire rope>1/64 reduction nominal size -replace) (3/8 to 1/2 wire rope>1/32 reduction nominal size-replace) (9/16 to 3/4 wire rope>3/64 reduction nominal size-replace)	
☐	☐	☑	• Number of broken wires (6 randomly broken wires in one rope lay) (3 broken wires in one strand)	
☐	☐	☑	• Number of wire rope wraps left on the Running Drum at nominal use (≥3 required)	
☐	☐	☑	- Lead (primary) sheave is centered on the running drum	
☐	☐	☑	• Lubrication of wire rope (adequate?)	
☐	☐	☑	• Kinks, bends – Flattened to > 50% diameter	
☐	☐	☑	Hemp/Fiber rope (Cathead/Split Spoon Hammer) • Minimum ¾; maximum 1 inch rope diameter (Inspect for physical damage)	
☐	☐	☑	• Rope to hammer is securely fastened	
☑	☐	☐	Safety Guards – • Around rotating apparatus (belts, pulleys, sprockets, spindles, drums, flywheels, chains) all points of operations protected from accidental contact?	
☐	☑	☐	• Hot pipes and surfaces exposed to accidental contact?	
☑	☐	☐	• High pressure lines	
☐	☑	☐	• Nip/pinch points	
☐	☐	☑	Operator Qualifications • Does the operator have proper licensing where applicable, (e.g., CDL)?	
☑	☐	☐	• Does the operator, understand the equipment's operating instructions?	
☑	☐	☐	• Is the operator experienced with this equipment?	
☑	☐	☐	• Is the operator 21 years of age or more?	

Yes	No	NA	Requirement	Comments
☐	☐	☐	PPE Required for Drill Rig Exclusion Zone	
☐	☐	☐	• Hardhat	
☐	☐	☐	• Safety glasses	
☐	☐	☐	• Work gloves	
☐	☐	☐	• Chemical resistant gloves_____	
☐	☐	☐	• Steel toed Work Boots	
☐	☐	☐	• Chemical resistant Boot Covers	
☐	☐	☐	• Apron	
☐	☐	☐	• Coveralls Tyvek, Saranex, cotton)_____	
☐	☑	☐	Other Hazards	
☐	☑	☐	• Excessive Noise Levels? _____dBA	
☑	☐	☐	• Chemical hazards (Drilling supplies - Sand, bentonite, grout, fuel, etc.)	
☑	☐	☐	- MSDSs available?	
☑	☐	☐	• Will On-site fueling occur	
☑	☐	☐	- Safety cans available?	
			- Fire extinguisher (Type/Rating - _____)	

Approved for Use ☑ Yes ☐ No ☐ See Comments

_____
Site Health and Safety Officer

Frank Long Tech I
Operator

Equipment Inspection Checklist

Company: TETRA TECH NUS

Unit/Serial No#: W8300 CX005820

Inspection Date: 6-1-10 **Time:** 7:00

Equipment Type: JOHN DEERE SHREDDER

Project Name: BRUNSWICK NAS.

Project No#: 112G02063

Yes	No	NA	Requirement	Comments
			Emergency Stop Devices	
☑	☐	☐	• Emergency Stop Devices (At points of operation)	
☑	☐	☐	• Have all emergency shut offs identified been communicated to the field crew?	
☑	☐	☐	• Has a person been designated as the Emergency Stop Device Operator?	
			Highway Use	
☐	☐	☐	• Cab, mirrors, safety glass?	
☐	☐	☐	• Turn signals, lights, brake lights, etc. (front/rear) for equipment approved for highway use?	
☑	☐	☐	• Seat Belts?	
☑	☐	☐	• Is the equipment equipped with audible back-up alarms and back-up lights?	
☑	☐	☐	• Horn and gauges	
☑	☐	☐	• Brake condition (dynamic, park, etc.)	
☑	☐	☐	• Tires (Tread) or tracks	
☐	☐	☑	• Windshield wipers	
☑	☐	☐	• Exhaust system	
☑	☐	☐	• Steering (standard and emergency)	
☑	☐	☐	• Wheel Chocks?	
☑	☐	☐	• Are tools and material secured to prevent movement during transport? Especially those within the cab?	
☐	☑	☐	• Are there flammables or solvents or other prohibited substances stored within the cab?	
☐	☑	☐	• Are tools or debris in the cab that may adversely influence operation of the vehicle (in and around brakes, clutch, gas pedals)	

Yes	No	NA	Requirement	Comments
			Fluid Levels:	
☑	☐	☐	• Engine oil	
☑	☐	☐	• Transmission fluid	
☑	☐	☐	• Brake fluid	
☑	☐	☐	• Cooling system fluid	
☑	☐	☐	• Hoses and belts	
☑	☐	☐	• Hydraulic oil	
			High Pressure Hydraulic Lines	
☐	☑	☐	• Obvious damage	
☑	☐	☐	• Operator protected from accidental release	
☑	☐	☐	• Coupling devices, connectors, retention cables/pins are in good condition and in place	
			Mast Condition	
☐	☐	☑	• Structural components/tubing	
☐	☐	☑	• Connection points	
☐	☐	☑	• Pins	
☐	☐	☑	• Welds	
☐	☐	☑	• Outriggers	
☐	☐	☑	• Operational	
☐	☐	☑	• Plumb (when raised)	
			Hooks	
☐	☐	☑	• Are the hooks equipped with Safety Latches?	
☐	☐	☑	• Does it appear that the hook is showing signs of wear in excess of 10% original dimension?	
☐	☐	☑	• Is there a bend or twist exceeding 10% from the plane of an unbent hook?	
☐	☐	☑	• Increase in throat opening exceeding 15% from new condition	
☐	☐	☑	• Excessive nicks and/or gouges	
☐	☐	☑	• Clips	
☐	☐	☑	• Number of U-Type (Crosby) Clips (cable size 5/16 – 5/8 = 3 clips minimum) (cable size 3/4 – 1 inch = 4 clips minimum) (cable size 1 1/8 – 1 3/8 inch = 5 clips minimum)	

Yes	No	NA	Requirement	Comments
			Power cable and/or hoist cable	
☐	☐	☑	• Reduction in Rope diameter π (5/16 wire rope>1/64 reduction nominal size -replace) (3/8 to 1/2 wire rope>1/32 reduction nominal size-replace) (9/16 to 3/4 wire rope>3/64 reduction nominal size-replace)	
☐	☐	☑	• Number of broken wires (6 randomly broken wires in one rope lay) (3 broken wires in one strand)	
☐	☐	☑	• Number of wire rope wraps left on the Running Drum at nominal use (≥3 required)	
☐	☐	☑	- Lead (primary) sheave is centered on the running drum	
☐	☐	☑	• Lubrication of wire rope (adequate?)	
☐	☐	☑	• Kinks, bends – Flattened to > 50% diameter	
			Hemp/Fiber rope (Cathead/Split Spoon Hammer)	
☑	☐	☑	• Minimum ¾; maximum 1 inch rope diameter (Inspect for physical damage)	
☐	☐	☑	• Rope to hammer is securely fastened	
			Safety Guards –	
☑	☐	☐	• Around rotating apparatus (belts, pulleys, sprockets, spindles, drums, flywheels, chains) all points of operations protected from accidental contact?	
☐	☑	☐	• Hot pipes and surfaces exposed to accidental contact?	
☑	☐	☐	• High pressure lines	
☐	☑	☐	• Nip/pinch points	
			Operator Qualifications	
☐	☐	☑	• Does the operator have proper licensing where applicable, (e.g., CDL)?	
☑	☐	☐	• Does the operator, understand the equipment's operating instructions?	
☑	☐	☐	• Is the operator experienced with this equipment?	
☑	☐	☐	• Is the operator 21 years of age or more?	

Yes	No	NA	Requirement	Comments
☐	☐	☑	PPE Required for Drill Rig Exclusion Zone	
☐	☐	☑	• Hardhat	
☐	☐	☑	• Safety glasses	
☐	☐	☑	• Work gloves	
☐	☐	☑	• Chemical resistant gloves_____	
☐	☐	☑	• Steel toed Work Boots	
☐	☐	☑	• Chemical resistant Boot Covers	
☐	☐	☑	• Apron	
☐	☐	☑	• Coveralls Tyvek, Saranex, cotton)_____	
☐	☑	☐	Other Hazards	
☐	☑	☐	• Excessive Noise Levels? _____dBA	
☑	☐	☐	• Chemical hazards (Drilling supplies - Sand, bentonite, grout, fuel, etc.)	
☑	☐	☐	- MSDSs available?	
☑	☐	☐	• Will On-site fueling occur	
☑	☐	☐	- Safety cans available?	
☑	☐	☐	- Fire extinguisher (Type/Rating - _____)	

Approved for Use ☑ Yes ☐ No ☐ See Comments

Site Health and Safety Officer

Frank Loney TECH I
Operator

Equipment Inspection Checklist

Company: TETRA TECH NUS

Unit/Serial No#: WD300CX005820

Inspection Date: 6/14/10 **Time:** 7:15

Equipment Type: JOHN DEERE SKIDDER

Project Name: BRUNSWICK NAS

Project No#: 112G02063

Yes	No	NA	Requirement	Comments
			Emergency Stop Devices	
✓			• Emergency Stop Devices (At points of operation)	
✓			• Have all emergency shut offs identified been communicated to the field crew?	
✓			• Has a person been designated as the Emergency Stop Device Operator?	
			Highway Use	
			• Cab, mirrors, safety glass?	
✓			• Turn signals, lights, brake lights, etc. (front/rear) for equipment approved for highway use?	
✓			• Seat Belts?	
✓			• Is the equipment equipped with audible back-up alarms and back-up lights?	
✓			• Horn and gauges	
✓			• Brake condition (dynamic, park, etc.)	
✓			• Tires (Tread) or tracks	
		✓	• Windshield wipers	
✓			• Exhaust system	
✓			• Steering (standard and emergency)	
✓			• Wheel Chocks?	
✓			• Are tools and material secured to prevent movement during transport? Especially those within the cab?	
	✓		• Are there flammables or solvents or other prohibited substances stored within the cab?	
	✓		• Are tools or debris in the cab that may adversely influence operation of the vehicle (in and around brakes, clutch, gas pedals)	

Yes	No	NA	Requirement	Comments
			Fluid Levels:	
☑	☐	☐	• Engine oil	
☑	☐	☐	• Transmission fluid	
☑	☐	☐	• Brake fluid	
☑	☐	☐	• Cooling system fluid	
☑	☐	☐	• Hoses and belts	
☑	☐	☐	• Hydraulic oil	
			High Pressure Hydraulic Lines	
☐	☑	☐	• Obvious damage	
☑	☐	☐	• Operator protected from accidental release	
☑	☐	☐	• Coupling devices, connectors, retention cables/pins are in good condition and in place	
			Mast Condition	
☐	☐	☑	• Structural components/tubing	
☐	☐	☑	• Connection points	
☐	☐	☑	• Pins	
☐	☐	☑	• Welds	
☐	☐	☑	• Outriggers	
☐	☐	☑	• Operational	
☐	☐	☑	• Plumb (when raised)	
			Hooks	
☐	☐	☑	• Are the hooks equipped with Safety Latches?	
☐	☐	☑	• Does it appear that the hook is showing signs of wear in excess of 10% original dimension?	
☐	☐	☑	• Is there a bend or twist exceeding 10% from the plane of an unbent hook?	
☐	☐	☑	• Increase in throat opening exceeding 15% from new condition	
☐	☐	☑	• Excessive nicks and/or gouges	
☐	☐	☑	• Clips	
☐	☐	☑	• Number of U-Type (Crosby) Clips (cable size 5/16 – 5/8 = 3 clips minimum) (cable size 3/4 – 1 inch = 4 clips minimum) (cable size 1 1/8 – 1 3/8 inch = 5 clips minimum)	

Yes	No	NA	Requirement	Comments
☐	☐	☑	Power cable and/or hoist cable • Reduction in Rope diameter π (5/16 wire rope>1/64 reduction nominal size -replace) (3/8 to 1/2 wire rope>1/32 reduction nominal size-replace) (9/16 to 3/4 wire rope>3/64 reduction nominal size-replace)	
☐	☐	☑	• Number of broken wires (6 randomly broken wires in one rope lay) (3 broken wires in one strand)	
☐	☐	☑	• Number of wire rope wraps left on the Running Drum at nominal use (≥3 required)	
☐	☐	☑	- Lead (primary) sheave is centered on the running drum	
☐	☐	☑	• Lubrication of wire rope (adequate?)	
☐	☐	☑	• Kinks, bends – Flattened to > 50% diameter	
☐	☐	☑	Hemp/Fiber rope (Cathead/Split Spoon Hammer) • Minimum ¾; maximum 1 inch rope diameter (Inspect for physical damage)	
☐	☐	☑	• Rope to hammer is securely fastened	
☑	☐	☐	Safety Guards – • Around rotating apparatus (belts, pulleys, sprockets, spindles, drums, flywheels, chains) all points of operations protected from accidental contact?	
☐	☑	☐	• Hot pipes and surfaces exposed to accidental contact?	
☑	☐	☐	• High pressure lines	
☐	☑	☐	• Nip/pinch points	
☐	☐	☑	Operator Qualifications • Does the operator have proper licensing where applicable, (e.g., CDL)?	
☑	☐	☐	• Does the operator, understand the equipment's operating instructions?	
☑	☐	☐	• Is the operator experienced with this equipment?	
☑	☐	☐	• Is the operator 21 years of age or more?	

Yes	No	NA	Requirement	Comments
☐	☐	☐	PPE Required for Drill Rig Exclusion Zone	
☐	☐	☐	• Hardhat	
☐	☐	☐	• Safety glasses	
☐	☐	☐	• Work gloves	
☐	☐	☐	• Chemical resistant gloves_____	
☐	☐	☐	• Steel toed Work Boots	
☐	☐	☐	• Chemical resistant Boot Covers	
☐	☐	☐	• Apron	
☐	☐	☐	• Coveralls Tyvek, Saranex, cotton)_____	
☐	☑	☐	Other Hazards	
☐	☑	☐	• Excessive Noise Levels? _____dBA	
☑	☐	☐	• Chemical hazards (Drilling supplies - Sand, bentonite, grout, fuel, etc.)	
☑	☐	☐	- MSDSs available?	
☑	☐	☐	• Will On-site fueling occur	
☑	☐	☐	- Safety cans available?	
			- Fire extinguisher (Type/Rating - _____)	

Approved for Use ☑ Yes ☐ No ☐ See Comments

_____
Site Health and Safety Officer

Frank Loney Tech I
Operator

Equipment Inspection Checklist

Company: TETRATECH NUS

Unit/Serial No#: W0300CX005820

Inspection Date: 6/15/10 **Time:** 7:15

Equipment Type: JOHN DEERE SHREDDER

Project Name: BRUNSWICK NAS

Project No#: 112G02063

Yes	No	NA	Requirement	Comments
			Emergency Stop Devices	
✓			• Emergency Stop Devices (At points of operation)	
✓			• Have all emergency shut offs identified been communicated to the field crew?	
✓			• Has a person been designated as the Emergency Stop Device Operator?	
			Highway Use	
			• Cab, mirrors, safety glass?	
✓			• Turn signals, lights, brake lights, etc. (front/rear) for equipment approved for highway use?	
✓			• Seat Belts?	
✓			• Is the equipment equipped with audible back-up alarms and back-up lights?	
✓			• Horn and gauges	
✓			• Brake condition (dynamic, park, etc.)	
✓			• Tires (Tread) or tracks	
		✓	• Windshield wipers	
✓			• Exhaust system	
✓			• Steering (standard and emergency)	
✓			• Wheel Chocks?	
✓			• Are tools and material secured to prevent movement during transport? Especially those within the cab?	
	✓		• Are there flammables or solvents or other prohibited substances stored within the cab?	
	✓		• Are tools or debris in the cab that may adversely influence operation of the vehicle (in and around brakes, clutch, gas pedals)	

Yes	No	NA	Requirement	Comments
☑	☐	☐	Fluid Levels: • Engine oil	
☑	☐	☐	• Transmission fluid	
☑	☐	☐	• Brake fluid	
☑	☐	☐	• Cooling system fluid	
☑	☐	☐	• Hoses and belts	
☑	☐	☐	• Hydraulic oil	
☐	☑	☐	High Pressure Hydraulic Lines • Obvious damage	
☑	☐	☐	• Operator protected from accidental release	
☑	☐	☐	• Coupling devices, connectors, retention cables/pins are in good condition and in place	
☐	☐	☑	Mast Condition • Structural components/tubing	
☐	☐	☑	• Connection points	
☐	☐	☑	• Pins	
☐	☐	☑	• Welds	
☐	☐	☑	• Outriggers	
☐	☐	☑	• Operational	
☐	☐	☑	• Plumb (when raised)	
☐	☐	☑	Hooks • Are the hooks equipped with Safety Latches?	
☐	☐	☑	• Does it appear that the hook is showing signs of wear in excess of 10% original dimension?	
☐	☐	☑	• Is there a bend or twist exceeding 10% from the plane of an unbent hook?	
☐	☐	☑	• Increase in throat opening exceeding 15% from new condition	
☐	☐	☑	• Excessive nicks and/or gouges	
☐	☐	☑	• Clips	
☐	☐	☑	• Number of U-Type (Crosby) Clips (cable size 5/16 – 5/8 = 3 clips minimum) (cable size 3/4 – 1 inch = 4 clips minimum) (cable size 1 1/8 – 1 3/8 inch = 5 clips minimum)	

Yes	No	NA	Requirement	Comments
			Power cable and/or hoist cable	
☐	☐	☑	• Reduction in Rope diameter π (5/16 wire rope>1/64 reduction nominal size -replace) (3/8 to 1/2 wire rope>1/32 reduction nominal size-replace) (9/16 to 3/4 wire rope>3/64 reduction nominal size-replace)	
☐	☐	☑	• Number of broken wires (6 randomly broken wires in one rope lay) (3 broken wires in one strand)	
☐	☐	☑	• Number of wire rope wraps left on the Running Drum at nominal use (≥3 required)	
☐	☐	☑	- Lead (primary) sheave is centered on the running drum	
☐	☐	☑	• Lubrication of wire rope (adequate?)	
☐	☐	☑	• Kinks, bends – Flattened to > 50% diameter	
			Hemp/Fiber rope (Cathead/Split Spoon Hammer)	
☐	☐	☑	• Minimum ¾; maximum 1 inch rope diameter (Inspect for physical damage)	
☐	☐	☑	• Rope to hammer is securely fastened	
			Safety Guards –	
☑	☐	☐	• Around rotating apparatus (belts, pulleys, sprockets, spindles, drums, flywheels, chains) all points of operations protected from accidental contact?	
☐	☑	☐	• Hot pipes and surfaces exposed to accidental contact?	
☑	☐	☐	• High pressure lines	
☐	☑	☐	• Nip/pinch points	
			Operator Qualifications	
☐	☐	☑	• Does the operator have proper licensing where applicable, (e.g., CDL)?	
☑	☐	☐	• Does the operator, understand the equipment's operating instructions?	
☑	☐	☐	• Is the operator experienced with this equipment?	
☑	☐	☐	• Is the operator 21 years of age or more?	

Yes	No	NA	Requirement	Comments
☐	☐	☑	PPE Required for Drill Rig Exclusion Zone	
☐	☐	☑	• Hardhat	
☐	☐	☑	• Safety glasses	
☐	☐	☑	• Work gloves	
☐	☐	☑	• Chemical resistant gloves_____	
☐	☐	☑	• Steel toed Work Boots	
☐	☐	☑	• Chemical resistant Boot Covers	
☐	☐	☑	• Apron	
☐	☐	☑	• Coveralls Tyvek, Saranex, cotton)_____	
☐	☑	☐	Other Hazards	
☐	☑	☐	• Excessive Noise Levels? _____dBA	
☑	☐	☐	• Chemical hazards (Drilling supplies - Sand, bentonite, grout, fuel, etc.)	
☑	☐	☐	- MSDSs available?	
☑	☐	☐	• Will On-site fueling occur	
☑	☐	☐	- Safety cans available?	
			- Fire extinguisher (Type/Rating - _____)	

Approved for Use ☑ Yes ☐ No ☐ See Comments

_____
Site Health and Safety Officer

Frank Loney TECH I
Operator

Equipment Inspection Checklist

Company: TETRATECH NUS

Unit/Serial No#: W0300CX005820

Inspection Date: 6/21/10 **Time:** 9:00

Equipment Type: JOHN DEERE SHREDDER

Project Name: BRUNSWICK NAS

Project No#: 112G02863

Yes	No	NA	Requirement	Comments
			Emergency Stop Devices	
☑	☐	☐	• Emergency Stop Devices (At points of operation)	
☑	☐	☐	• Have all emergency shut offs identified been communicated to the field crew?	
☑	☐	☐	• Has a person been designated as the Emergency Stop Device Operator?	
			Highway Use	
☐	☐	☑	• Cab, mirrors, safety glass?	
☑	☐	☐	• Turn signals, lights, brake lights, etc. (front/rear) for equipment approved for highway use?	
☑	☐	☐	• Seat Belts?	
☑	☐	☐	• Is the equipment equipped with audible back-up alarms and back-up lights?	
☑	☐	☐	• Horn and gauges	
☑	☐	☐	• Brake condition (dynamic, park, etc.)	
☑	☐	☐	• Tires (Tread) or tracks	
☐	☐	☑	• Windshield wipers	
☑	☐	☐	• Exhaust system	
☑	☐	☐	• Steering (standard and emergency)	
☑	☐	☐	• Wheel Chocks?	
☑	☐	☐	• Are tools and material secured to prevent movement during transport? Especially those within the cab?	
☐	☑	☐	• Are there flammables or solvents or other prohibited substances stored within the cab?	
☐	☑	☐	• Are tools or debris in the cab that may adversely influence operation of the vehicle (in and around brakes, clutch, gas pedals)	

Yes	No	NA	Requirement	Comments
☑	☐	☐	Fluid Levels:	
☑	☐	☐	• Engine oil	
☑	☐	☐	• Transmission fluid	
☑	☐	☐	• Brake fluid	
☑	☐	☐	• Cooling system fluid	
☑	☐	☐	• Hoses and belts	
☑	☐	☐	• Hydraulic oil	
☐	☑	☐	High Pressure Hydraulic Lines	
☑	☐	☐	• Obvious damage	
☑	☐	☐	• Operator protected from accidental release	
			• Coupling devices, connectors, retention cables/pins are in good condition and in place	
☐	☐	☑	Mast Condition	
☐	☐	☑	• Structural components/tubing	
☐	☐	☑	• Connection points	
☐	☐	☑	• Pins	
☐	☐	☑	• Welds	
☐	☐	☑	• Outriggers	
☐	☐	☑	• Operational	
☐	☐	☑	• Plumb (when raised)	
☐	☐	☑	Hooks	
☐	☐	☑	• Are the hooks equipped with Safety Latches?	
☐	☐	☑	• Does it appear that the hook is showing signs of wear in excess of 10% original dimension?	
☐	☐	☑	• Is there a bend or twist exceeding 10% from the plane of an unbent hook?	
☐	☐	☑	• Increase in throat opening exceeding 15% from new condition	
☐	☐	☑	• Excessive nicks and/or gouges	
☐	☐	☑	• Clips	
☐	☐	☑	• Number of U-Type (Crosby) Clips (cable size 5/16 – 5/8 = 3 clips minimum) (cable size 3/4 – 1 inch = 4 clips minimum) (cable size 1 1/8 – 1 3/8 inch = 5 clips minimum)	

Yes	No	NA	Requirement	Comments
			Power cable and/or hoist cable	
☐	☐	☑	• Reduction in Rope diameter π (5/16 wire rope>1/64 reduction nominal size -replace) (3/8 to 1/2 wire rope>1/32 reduction nominal size-replace) (9/16 to 3/4 wire rope>3/64 reduction nominal size-replace)	
☐	☐	☑	• Number of broken wires (6 randomly broken wires in one rope lay) (3 broken wires in one strand)	
☐	☐	☑	• Number of wire rope wraps left on the Running Drum at nominal use (≥3 required)	
☐	☐	☑	- Lead (primary) sheave is centered on the running drum	
☐	☐	☑	• Lubrication of wire rope (adequate?)	
☐	☐	☑	• Kinks, bends – Flattened to > 50% diameter	
			Hemp/Fiber rope (Cathead/Split Spoon Hammer)	
☐	☐	☑	• Minimum ¾; maximum 1 inch rope diameter (Inspect for physical damage)	
☐	☐	☑	• Rope to hammer is securely fastened	
			Safety Guards –	
☑	☐	☐	• Around rotating apparatus (belts, pulleys, sprockets, spindles, drums, flywheels, chains) all points of operations protected from accidental contact?	
☐	☑	☐	• Hot pipes and surfaces exposed to accidental contact?	
☑	☐	☐	• High pressure lines	
☐	☑	☐	• Nip/pinch points	
			Operator Qualifications	
☐	☐	☑	• Does the operator have proper licensing where applicable, (e.g., CDL)?	
☑	☐	☐	• Does the operator, understand the equipment's operating instructions?	
☑	☐	☐	• Is the operator experienced with this equipment?	
☑	☐	☐	• Is the operator 21 years of age or more?	

Yes	No	NA	Requirement	Comments
			PPE Required for Drill Rig Exclusion Zone	
☐	☐	☑	• Hardhat	
☐	☐	☑	• Safety glasses	
☐	☐	☑	• Work gloves	
☐	☐	☑	• Chemical resistant gloves_____	
☐	☐	☑	• Steel toed Work Boots	
☐	☐	☑	• Chemical resistant Boot Covers	
☐	☐	☑	• Apron	
☐	☐	☑	• Coveralls Tyvek, Saranex, cotton)_____	
			Other Hazards	
☐	☑	☐	• Excessive Noise Levels? _____dBA	
☐	☑	☐	• Chemical hazards (Drilling supplies - Sand, bentonite, grout, fuel, etc.)	
☑	☐	☐	- MSDSs available?	
☑	☐	☐	• Will On-site fueling occur	
☑	☐	☐	- Safety cans available?	
☑	☐	☐	- Fire extinguisher (Type/Rating -_____ _)	

Approved for Use ☑ Yes ☐ No ☐ See Comments

_____
Site Health and Safety Officer

Frank Lowey TECH I
Operator

Equipment Inspection Checklist

Company: TETRA TECH NUS

Unit/Serial No#: WO 300 CX 035 820

Inspection Date: 6 / 22 / 10 **Time:** 7 : 10

Equipment Type: JOHN DEERE SHREDDER

Project Name: BRUNSWICK NUS

Project No#: 112G02063

Yes	No	NA	Requirement	Comments
			Emergency Stop Devices	
☑	☐	☐	• Emergency Stop Devices (At points of operation)	
☑	☐	☐	• Have all emergency shut offs identified been communicated to the field crew?	
☑	☐	☐	• Has a person been designated as the Emergency Stop Device Operator?	
			Highway Use	
☑	☐	☐	• Cab, mirrors, safety glass?	
☑	☐	☐	• Turn signals, lights, brake lights, etc. (front/rear) for equipment approved for highway use?	
☑	☐	☐	• Seat Belts?	
☑	☐	☐	• Is the equipment equipped with audible back-up alarms and back-up lights?	
☑	☐	☐	• Horn and gauges	
☑	☐	☐	• Brake condition (dynamic, park, etc.)	
☑	☐	☐	• Tires (Tread) or tracks	
☐	☐	☑	• Windshield wipers	
☑	☐	☐	• Exhaust system	
☑	☐	☐	• Steering (standard and emergency)	
☑	☐	☐	• Wheel Chocks?	
☑	☐	☐	• Are tools and material secured to prevent movement during transport? Especially those within the cab?	
☐	☑	☐	• Are there flammables or solvents or other prohibited substances stored within the cab?	
☐	☑	☐	• Are tools or debris in the cab that may adversely influence operation of the vehicle (in and around brakes, clutch, gas pedals)	

Yes	No	NA	Requirement	Comments
☑	☐	☐	Fluid Levels:	
☑	☐	☐	• Engine oil	
☑	☐	☐	• Transmission fluid	
☑	☐	☐	• Brake fluid	
☑	☐	☐	• Cooling system fluid	
☑	☐	☐	• Hoses and belts	
☑	☐	☐	• Hydraulic oil	
☐	☑	☐	High Pressure Hydraulic Lines	
☑	☐	☐	• Obvious damage	
☑	☐	☐	• Operator protected from accidental release	
			• Coupling devices, connectors, retention cables/pins are in good condition and in place	
☐	☐	☑	Mast Condition	
☐	☐	☑	• Structural components/tubing	
☐	☐	☑	• Connection points	
☐	☐	☑	• Pins	
☐	☐	☑	• Welds	
☐	☐	☑	• Outriggers	
☐	☐	☑	• Operational	
☐	☐	☑	• Plumb (when raised)	
☐	☐	☑	Hooks	
☐	☐	☑	• Are the hooks equipped with Safety Latches?	
			• Does it appear that the hook is showing signs of wear in excess of 10% original dimension?	
☐	☐	☑	• Is there a bend or twist exceeding 10% from the plane of an unbent hook?	
☐	☐	☑	• Increase in throat opening exceeding 15% from new condition	
☐	☐	☑	• Excessive nicks and/or gouges	
☐	☐	☑	• Clips	
☐	☐	☑	• Number of U-Type (Crosby) Clips (cable size 5/16 – 5/8 = 3 clips minimum) (cable size 3/4 – 1 inch = 4 clips minimum) (cable size 1 1/8 – 1 3/8 inch = 5 clips minimum)	

Yes	No	NA	Requirement	Comments
			Power cable and/or hoist cable	
☐	☐	☑	• Reduction in Rope diameter π (5/16 wire rope>1/64 reduction nominal size -replace) (3/8 to 1/2 wire rope>1/32 reduction nominal size-replace) (9/16 to 3/4 wire rope>3/64 reduction nominal size-replace)	
☐	☐	☑	• Number of broken wires (6 randomly broken wires in one rope lay) (3 broken wires in one strand)	
☐	☐	☑	• Number of wire rope wraps left on the Running Drum at nominal use (≥3 required)	
☐	☐	☑	- Lead (primary) sheave is centered on the running drum	
☐	☐	☑	• Lubrication of wire rope (adequate?)	
☐	☐	☑	• Kinks, bends – Flattened to > 50% diameter	
			Hemp/Fiber rope (Cathead/Split Spoon Hammer)	
☐	☐	☑	• Minimum ¾; maximum 1 inch rope diameter (Inspect for physical damage)	
☐	☐	☑	• Rope to hammer is securely fastened	
			Safety Guards –	
☑	☐	☐	• Around rotating apparatus (belts, pulleys, sprockets, spindles, drums, flywheels, chains) all points of operations protected from accidental contact?	
☐	☑	☐	• Hot pipes and surfaces exposed to accidental contact?	
☑	☐	☐	• High pressure lines	
☐	☑	☐	• Nip/pinch points	
			Operator Qualifications	
☐	☐	☑	• Does the operator have proper licensing where applicable, (e.g., CDL)?	
☑	☐	☐	• Does the operator, understand the equipment's operating instructions?	
☑	☐	☐	• Is the operator experienced with this equipment?	
☑	☐	☐	• Is the operator 21 years of age or more?	

Yes	No	NA	Requirement	Comments
☐	☐	☐	PPE Required for Drill Rig Exclusion Zone	
☐	☐	☐	• Hardhat	
☐	☐	☐	• Safety glasses	
☐	☐	☐	• Work gloves	
☐	☐	☐	• Chemical resistant gloves_____	
☐	☐	☐	• Steel toed Work Boots	
☐	☐	☐	• Chemical resistant Boot Covers	
☐	☐	☐	• Apron	
☐	☐	☐	• Coveralls Tyvek, Saranex, cotton)_____	
☐	☑	☐	Other Hazards	
☐	☑	☐	• Excessive Noise Levels? _____dBA	
☑	☐	☐	• Chemical hazards (Drilling supplies - Sand, bentonite, grout, fuel, etc.)	
☑	☐	☐	- MSDSs available?	
☑	☐	☐	• Will On-site fueling occur	
☑	☐	☐	- Safety cans available?	
			- Fire extinguisher (Type/Rating - _____)	

Approved for Use ☑ Yes ☐ No ☐ See Comments

_____
Site Health and Safety Officer

Frank Lowey TECH I
Operator

Equipment Inspection Checklist

Company: TETRA TECH NUS

Unit/Serial No#: 1DB00 CX 005 820

Inspection Date: 6 / 24 / 2010 **Time:** 7 : 15

Equipment Type: John Deere Shredder

Project Name: BRUNSWICK NAS

Project No#: 112G02063

Yes	No	NA	Requirement	Comments
			Emergency Stop Devices	
☑	☐	☐	• Emergency Stop Devices (At points of operation)	
☑	☐	☐	• Have all emergency shut offs identified been communicated to the field crew?	
☑	☐	☐	• Has a person been designated as the Emergency Stop Device Operator?	
			Highway Use	
☑	☐	☐	• Cab, mirrors, safety glass?	
☑	☐	☐	• Turn signals, lights, brake lights, etc. (front/rear) for equipment approved for highway use?	
☑	☐	☐	• Seat Belts?	
☑	☐	☐	• Is the equipment equipped with audible back-up alarms and back-up lights?	
☑	☐	☐	• Horn and gauges	
☑	☐	☐	• Brake condition (dynamic, park, etc.)	
☑	☐	☑	• Tires (Tread) or tracks	
☑	☐	☑	• Windshield wipers	
☑	☐	☐	• Exhaust system	
☑	☐	☐	• Steering (standard and emergency)	
☑	☐	☐	• Wheel Chocks?	
☑	☐	☐	• Are tools and material secured to prevent movement during transport? Especially those within the cab?	
☐	☑	☐	• Are there flammables or solvents or other prohibited substances stored within the cab?	
☐	☑	☐	• Are tools or debris in the cab that may adversely influence operation of the vehicle (in and around brakes, clutch, gas pedals)	

Yes	No	NA	Requirement	Comments
☑	☐	☐	Fluid Levels: • Engine oil	
☑	☐	☐	• Transmission fluid	
☑	☐	☐	• Brake fluid	
☑	☐	☐	• Cooling system fluid	
☑	☐	☐	• Hoses and belts	
☑	☐	☐	• Hydraulic oil	
☐	☑	☐	High Pressure Hydraulic Lines • Obvious damage	
☑	☐	☐	• Operator protected from accidental release	
☑	☐	☐	• Coupling devices, connectors, retention cables/pins are in good condition and in place	
☐	☐	☑	Mast Condition • Structural components/tubing	
☐	☐	☑	• Connection points	
☐	☐	☑	• Pins	
☐	☐	☑	• Welds	
☐	☐	☑	• Outriggers	
☐	☐	☑	• Operational	
☐	☐	☑	• Plumb (when raised)	
☐	☐	☑	Hooks • Are the hooks equipped with Safety Latches?	
☐	☐	☑	• Does it appear that the hook is showing signs of wear in excess of 10% original dimension?	
☐	☐	☑	• Is there a bend or twist exceeding 10% from the plane of an unbent hook?	
☐	☐	☑	• Increase in throat opening exceeding 15% from new condition	
☐	☐	☑	• Excessive nicks and/or gouges	
☐	☐	☑	• Clips	
☐	☐	☑	• Number of U-Type (Crosby) Clips (cable size 5/16 – 5/8 = 3 clips minimum) (cable size 3/4 – 1 inch = 4 clips minimum) (cable size 1 1/8 – 1 3/8 inch = 5 clips minimum)	

Yes	No	NA	Requirement	Comments
☐	☐	☑	Power cable and/or hoist cable • Reduction in Rope diameter π (5/16 wire rope>1/64 reduction nominal size -replace) (3/8 to 1/2 wire rope>1/32 reduction nominal size-replace) (9/16 to 3/4 wire rope>3/64 reduction nominal size-replace)	
☐	☐	☑	• Number of broken wires (6 randomly broken wires in one rope lay) (3 broken wires in one strand)	
☐	☐	☑	• Number of wire rope wraps left on the Running Drum at nominal use (≥3 required)	
☐	☐	☑	- Lead (primary) sheave is centered on the running drum	
☐	☐	☑	• Lubrication of wire rope (adequate?)	
☐	☐	☑	• Kinks, bends – Flattened to > 50% diameter	
☐	☐	☑	Hemp/Fiber rope (Cathead/Split Spoon Hammer) • Minimum ¾; maximum 1 inch rope diameter (Inspect for physical damage)	
☐	☐	☑	• Rope to hammer is securely fastened	
☑	☐	☐	Safety Guards – • Around rotating apparatus (belts, pulleys, sprockets, spindles, drums, flywheels, chains) all points of operations protected from accidental contact?	
☐	☑	☐	• Hot pipes and surfaces exposed to accidental contact?	
☑	☐	☐	• High pressure lines	
☐	☑	☐	• Nip/pinch points	
☐	☐	☑	Operator Qualifications • Does the operator have proper licensing where applicable, (e.g., CDL)?	
☑	☐	☐	• Does the operator, understand the equipment's operating instructions?	
☑	☐	☐	• Is the operator experienced with this equipment?	
☑	☐	☐	• Is the operator 21 years of age or more?	

Yes	No	NA	Requirement	Comments
☐	☐	☐	PPE Required for Drill Rig Exclusion Zone	
☐	☐	☐	• Hardhat	
☐	☐	☐	• Safety glasses	
☐	☐	☐	• Work gloves	
☐	☐	☐	• Chemical resistant gloves_____	
☐	☐	☐	• Steel toed Work Boots	
☐	☐	☐	• Chemical resistant Boot Covers	
☐	☐	☐	• Apron	
☐	☐	☐	• Coveralls Tyvek, Saranex, cotton)_____	
☐	☑	☐	Other Hazards	
☐	☑	☐	• Excessive Noise Levels? _____dBA	
☑	☐	☐	• Chemical hazards (Drilling supplies - Sand, bentonite, grout, fuel, etc.)	
☑	☐	☐	- MSDSs available?	
☑	☐	☐	• Will On-site fueling occur	
☑	☐	☐	- Safety cans available?	
			- Fire extinguisher (Type/Rating - _____)	

Approved for Use ☑ Yes ☐ No ☐ See Comments

_____
Site Health and Safety Officer

Frank Lowy Tech I
Operator

Equipment Inspection Checklist

Company: STRATECH NLS

Unit/Serial No#: WD 300 CX 005 820

Inspection Date: 6/25/10 **Time:** 7:15

Equipment Type: John Deere Shredder

Project Name: BRUNSWICK NAS

Project No#: 112G02063

Yes	No	NA	Requirement	Comments
			Emergency Stop Devices	
☑	☐	☐	• Emergency Stop Devices (At points of operation)	
☑	☐	☐	• Have all emergency shut offs identified been communicated to the field crew?	
☑	☐	☐	• Has a person been designated as the Emergency Stop Device Operator?	
			Highway Use	
☐	☐	☐	• Cab, mirrors, safety glass?	
☑	☐	☐	• Turn signals, lights, brake lights, etc. (front/rear) for equipment approved for highway use?	
☑	☐	☐	• Seat Belts?	
☑	☐	☐	• Is the equipment equipped with audible back-up alarms and back-up lights?	
☑	☐	☐	• Horn and gauges	
☑	☐	☐	• Brake condition (dynamic, park, etc.)	
☑	☐	☑	• Tires (Tread) or tracks	
☑	☐	☑	• Windshield wipers	
☑	☐	☐	• Exhaust system	
☑	☐	☐	• Steering (standard and emergency)	
☑	☐	☐	• Wheel Chocks?	
☑	☐	☐	• Are tools and material secured to prevent movement during transport? Especially those within the cab?	
☐	☑	☐	• Are there flammables or solvents or other prohibited substances stored within the cab?	
☐	☑	☐	• Are tools or debris in the cab that may adversely influence operation of the vehicle (in and around brakes, clutch, gas pedals)	

Yes	No	NA	Requirement	Comments
☑	☐	☐	Fluid Levels:	
☑	☐	☐	• Engine oil	
☑	☐	☐	• Transmission fluid	
☑	☐	☐	• Brake fluid	
☑	☐	☐	• Cooling system fluid	
☑	☐	☐	• Hoses and belts	
☑	☐	☐	• Hydraulic oil	
☐	☑	☐	High Pressure Hydraulic Lines	
☑	☐	☐	• Obvious damage	
☑	☐	☐	• Operator protected from accidental release	
			• Coupling devices, connectors, retention cables/pins are in good condition and in place	
☐	☐	☑	Mast Condition	
☐	☐	☑	• Structural components/tubing	
☐	☐	☑	• Connection points	
☐	☐	☑	• Pins	
☐	☐	☑	• Welds	
☐	☐	☑	• Outriggers	
☐	☐	☑	• Operational	
☐	☐	☑	• Plumb (when raised)	
☐	☐	☑	Hooks	
☐	☐	☑	• Are the hooks equipped with Safety Latches?	
☐	☐	☑	• Does it appear that the hook is showing signs of wear in excess of 10% original dimension?	
☐	☐	☑	• Is there a bend or twist exceeding 10% from the plane of an unbent hook?	
☐	☐	☑	• Increase in throat opening exceeding 15% from new condition	
☐	☐	☑	• Excessive nicks and/or gouges	
☐	☐	☑	• Clips	
☐	☐	☑	• Number of U-Type (Crosby) Clips (cable size 5/16 – 5/8 = 3 clips minimum) (cable size 3/4 – 1 inch = 4 clips minimum) (cable size 1 1/8 – 1 3/8 inch = 5 clips minimum)	

Yes	No	NA	Requirement	Comments
			Power cable and/or hoist cable	
☐	☐	☑	• Reduction in Rope diameter π (5/16 wire rope>1/64 reduction nominal size -replace) (3/8 to 1/2 wire rope>1/32 reduction nominal size-replace) (9/16 to 3/4 wire rope>3/64 reduction nominal size-replace)	
☐	☐	☑	• Number of broken wires (6 randomly broken wires in one rope lay) (3 broken wires in one strand)	
☐	☐	☑	• Number of wire rope wraps left on the Running Drum at nominal use (≥3 required)	
☐	☐	☑	- Lead (primary) sheave is centered on the running drum	
☐	☐	☑	• Lubrication of wire rope (adequate?)	
☐	☐	☑	• Kinks, bends – Flattened to > 50% diameter	
			Hemp/Fiber rope (Cathead/Split Spoon Hammer)	
☐	☐	☑	• Minimum ¾; maximum 1 inch rope diameter (Inspect for physical damage)	
☐	☐	☑	• Rope to hammer is securely fastened	
			Safety Guards –	
☑	☐	☐	• Around rotating apparatus (belts, pulleys, sprockets, spindles, drums, flywheels, chains) all points of operations protected from accidental contact?	
☐	☑	☐	• Hot pipes and surfaces exposed to accidental contact?	
☑	☐	☐	• High pressure lines	
☐	☑	☐	• Nip/pinch points	
			Operator Qualifications	
☐	☐	☑	• Does the operator have proper licensing where applicable, (e.g., CDL)?	
☑	☐	☐	• Does the operator, understand the equipment's operating instructions?	
☑	☐	☐	• Is the operator experienced with this equipment?	
☑	☐	☐	• Is the operator 21 years of age or more?	

Yes	No	NA	Requirement	Comments
☐	☐	☐	PPE Required for Drill Rig Exclusion Zone	
☐	☐	☐	• Hardhat	
☐	☐	☐	• Safety glasses	
☐	☐	☐	• Work gloves	
☐	☐	☐	• Chemical resistant gloves_____	
☐	☐	☐	• Steel toed Work Boots	
☐	☐	☐	• Chemical resistant Boot Covers	
☐	☐	☐	• Apron	
☐	☐	☐	• Coveralls Tyvek, Saranex, cotton)_____	
☐	☑	☐	Other Hazards	
☐	☑	☐	• Excessive Noise Levels? _____dBA	
☑	☐	☐	• Chemical hazards (Drilling supplies - Sand, bentonite, grout, fuel, etc.)	
☑	☐	☐	- MSDSs available?	
☑	☐	☐	• Will On-site fueling occur	
☑	☐	☐	- Safety cans available?	
☑	☐	☐	- Fire extinguisher (Type/Rating -_____ _)	

Approved for Use ☑ Yes ☐ No ☐ See Comments

_____
Site Health and Safety Officer

Frank Long Tech I
Operator

Equipment Inspection Checklist

Company: TETRA TECH NUS

Unit/Serial No#: W0300CX005820

Inspection Date: 6/26/10 **Time:** 7:15

Equipment Type: John Deere Skidsteer

Project Name: BRUNSWICK NAS

Project No#: 112G02063

Yes	No	NA	Requirement	Comments
			Emergency Stop Devices	
✓			• Emergency Stop Devices (At points of operation)	
✓			• Have all emergency shut offs identified been communicated to the field crew?	
✓			• Has a person been designated as the Emergency Stop Device Operator?	
			Highway Use	
✓			• Cab, mirrors, safety glass?	
✓			• Turn signals, lights, brake lights, etc. (front/rear) for equipment approved for highway use?	
✓			• Seat Belts?	
✓			• Is the equipment equipped with audible back-up alarms and back-up lights?	
✓			• Horn and gauges	
✓			• Brake condition (dynamic, park, etc.)	
✓			• Tires (Tread) or tracks	
		✓	• Windshield wipers	
✓			• Exhaust system	
✓			• Steering (standard and emergency)	
✓			• Wheel Chocks?	
✓			• Are tools and material secured to prevent movement during transport? Especially those within the cab?	
	✓		• Are there flammables or solvents or other prohibited substances stored within the cab?	
	✓		• Are tools or debris in the cab that may adversely influence operation of the vehicle (in and around brakes, clutch, gas pedals)	

Yes	No	NA	Requirement	Comments
			Fluid Levels:	
☑	☐	☐	• Engine oil	
☑	☐	☐	• Transmission fluid	
☑	☐	☐	• Brake fluid	
☑	☐	☐	• Cooling system fluid	
☑	☐	☐	• Hoses and belts	
☑	☐	☐	• Hydraulic oil	
			High Pressure Hydraulic Lines	
☐	☑	☐	• Obvious damage	
☑	☐	☐	• Operator protected from accidental release	
☑	☐	☐	• Coupling devices, connectors, retention cables/pins are in good condition and in place	
			Mast Condition	
☐	☐	☑	• Structural components/tubing	
☐	☐	☑	• Connection points	
☐	☐	☑	• Pins	
☐	☐	☑	• Welds	
☐	☐	☑	• Outriggers	
☐	☐	☑	• Operational	
☐	☐	☑	• Plumb (when raised)	
			Hooks	
☐	☐	☑	• Are the hooks equipped with Safety Latches?	
☐	☐	☑	• Does it appear that the hook is showing signs of wear in excess of 10% original dimension?	
☐	☐	☑	• Is there a bend or twist exceeding 10% from the plane of an unbent hook?	
☐	☐	☑	• Increase in throat opening exceeding 15% from new condition	
☐	☐	☑	• Excessive nicks and/or gouges	
☐	☐	☑	• Clips	
☐	☐	☑	• Number of U-Type (Crosby) Clips (cable size 5/16 – 5/8 = 3 clips minimum) (cable size 3/4 – 1 inch = 4 clips minimum) (cable size 1 1/8 – 1 3/8 inch = 5 clips minimum)	

Yes	No	NA	Requirement	Comments
☐	☐	☑	Power cable and/or hoist cable • Reduction in Rope diameter π (5/16 wire rope>1/64 reduction nominal size -replace) (3/8 to 1/2 wire rope>1/32 reduction nominal size-replace) (9/16 to 3/4 wire rope>3/64 reduction nominal size-replace)	
☐	☐	☑	• Number of broken wires (6 randomly broken wires in one rope lay) (3 broken wires in one strand)	
☐	☐	☑	• Number of wire rope wraps left on the Running Drum at nominal use (≥3 required)	
☐	☐	☑	- Lead (primary) sheave is centered on the running drum	
☐	☐	☑	• Lubrication of wire rope (adequate?)	
☐	☐	☑	• Kinks, bends – Flattened to > 50% diameter	
☐	☐	☑	Hemp/Fiber rope (Cathead/Split Spoon Hammer) • Minimum ¾; maximum 1 inch rope diameter (Inspect for physical damage)	
☐	☐	☑	• Rope to hammer is securely fastened	
☑	☐	☐	Safety Guards – • Around rotating apparatus (belts, pulleys, sprockets, spindles, drums, flywheels, chains) all points of operations protected from accidental contact?	
☐	☑	☐	• Hot pipes and surfaces exposed to accidental contact?	
☑	☐	☐	• High pressure lines	
☐	☑	☐	• Nip/pinch points	
☐	☐	☑	Operator Qualifications • Does the operator have proper licensing where applicable, (e.g., CDL)?	
☑	☐	☐	• Does the operator, understand the equipment's operating instructions?	
☑	☐	☐	• Is the operator experienced with this equipment?	
☑	☐	☐	• Is the operator 21 years of age or more?	

Yes	No	NA	Requirement	Comments
☐	☐	☑	PPE Required for Drill Rig Exclusion Zone	
☐	☐	☑	• Hardhat	
☐	☐	☑	• Safety glasses	
☐	☐	☑	• Work gloves	
☐	☐	☑	• Chemical resistant gloves_____	
☐	☐	☑	• Steel toed Work Boots	
☐	☐	☑	• Chemical resistant Boot Covers	
☐	☐	☑	• Apron	
☐	☐	☑	• Coveralls Tyvek, Saranex, cotton)_____	
☐	☑	☐	Other Hazards	
☐	☑	☐	• Excessive Noise Levels? _____dBA	
☑	☐	☐	• Chemical hazards (Drilling supplies - Sand, bentonite, grout, fuel, etc.)	
☑	☐	☐	- MSDSs available?	
☑	☐	☐	• Will On-site fueling occur	
☑	☐	☐	- Safety cans available?	
			- Fire extinguisher (Type/Rating - _____)	

Approved for Use ☑ Yes ☐ No ☐ See Comments

_____
Site Health and Safety Officer

Frank Loney Tech I
Operator

Equipment Inspection Checklist

Company: TETRATECH NUS

Unit/Serial No#: W0300 CX 005820

Inspection Date: 7/10/2010 **Time:** ____ : ____

Equipment Type: John Deere Shredder

Project Name: BRUNSWICK NUS

Project No#: 112G02063

Yes	No	NA	Requirement	Comments
			Emergency Stop Devices	
☑	☐	☐	• Emergency Stop Devices (At points of operation)	
☑	☐	☐	• Have all emergency shut offs identified been communicated to the field crew?	
☑	☐	☐	• Has a person been designated as the Emergency Stop Device Operator?	
			Highway Use	
☐	☐	☐	• Cab, mirrors, safety glass?	
☑	☐	☐	• Turn signals, lights, brake lights, etc. (front/rear) for equipment approved for highway use?	
☑	☐	☐	• Seat Belts?	
☑	☐	☐	• Is the equipment equipped with audible back-up alarms and back-up lights?	
☑	☐	☐	• Horn and gauges	
☑	☐	☐	• Brake condition (dynamic, park, etc.)	
☑	☐	☐	• Tires (Tread) or tracks	
☐	☐	☑	• Windshield wipers	
☑	☐	☐	• Exhaust system	
☑	☐	☐	• Steering (standard and emergency)	
☑	☐	☐	• Wheel Chocks?	
☑	☐	☐	• Are tools and material secured to prevent movement during transport? Especially those within the cab?	
☐	☑	☐	• Are there flammables or solvents or other prohibited substances stored within the cab?	
☐	☑	☐	• Are tools or debris in the cab that may adversely influence operation of the vehicle (in and around brakes, clutch, gas pedals)	

Yes	No	NA	Requirement	Comments
☑	☐	☐	Fluid Levels:	
☑	☐	☐	• Engine oil	
☑	☐	☐	• Transmission fluid	
☑	☐	☐	• Brake fluid	
☑	☐	☐	• Cooling system fluid	
☑	☐	☐	• Hoses and belts	
☑	☐	☐	• Hydraulic oil	
☐	☑	☐	High Pressure Hydraulic Lines	
☑	☐	☐	• Obvious damage	
☑	☐	☐	• Operator protected from accidental release	
			• Coupling devices, connectors, retention cables/pins are in good condition and in place	
☐	☐	☑	Mast Condition	
☐	☐	☑	• Structural components/tubing	
☐	☐	☑	• Connection points	
☐	☐	☑	• Pins	
☐	☐	☑	• Welds	
☐	☐	☑	• Outriggers	
☐	☐	☑	• Operational	
☐	☐	☑	• Plumb (when raised)	
☐	☐	☑	Hooks	
☐	☐	☑	• Are the hooks equipped with Safety Latches?	
☐	☐	☑	• Does it appear that the hook is showing signs of wear in excess of 10% original dimension?	
☐	☐	☑	• Is there a bend or twist exceeding 10% from the plane of an unbent hook?	
☐	☐	☑	• Increase in throat opening exceeding 15% from new condition	
☐	☐	☑	• Excessive nicks and/or gouges	
☐	☐	☑	• Clips	
☐	☐	☑	• Number of U-Type (Crosby) Clips (cable size 5/16 – 5/8 = 3 clips minimum) (cable size 3/4 – 1 inch = 4 clips minimum) (cable size 1 1/8 – 1 3/8 inch = 5 clips minimum)	

Yes	No	NA	Requirement	Comments
☐	☐	☑	Power cable and/or hoist cable • Reduction in Rope diameter π (5/16 wire rope>1/64 reduction nominal size -replace) (3/8 to 1/2 wire rope>1/32 reduction nominal size-replace) (9/16 to 3/4 wire rope>3/64 reduction nominal size-replace)	
☐	☐	☑	• Number of broken wires (6 randomly broken wires in one rope lay) (3 broken wires in one strand)	
☐	☐	☑	• Number of wire rope wraps left on the Running Drum at nominal use (≥3 required)	
☐	☐	☑	- Lead (primary) sheave is centered on the running drum	
☐	☐	☑	• Lubrication of wire rope (adequate?)	
☐	☐	☑	• Kinks, bends – Flattened to > 50% diameter	
☐	☐	☑	Hemp/Fiber rope (Cathead/Split Spoon Hammer) • Minimum ¾; maximum 1 inch rope diameter (Inspect for physical damage)	
☐	☐	☑	• Rope to hammer is securely fastened	
☑	☐	☐	Safety Guards – • Around rotating apparatus (belts, pulleys, sprockets, spindles, drums, flywheels, chains) all points of operations protected from accidental contact?	
☑	☑	☐	• Hot pipes and surfaces exposed to accidental contact?	
☐	☐	☐	• High pressure lines	
☐	☑	☐	• Nip/pinch points	
☐	☐	☑	Operator Qualifications • Does the operator have proper licensing where applicable, (e.g., CDL)?	
☑	☐	☐	• Does the operator, understand the equipment's operating instructions?	
☑	☐	☐	• Is the operator experienced with this equipment?	
☑	☐	☐	• Is the operator 21 years of age or more?	

Yes	No	NA	Requirement	Comments
☐	☐	☐	PPE Required for Drill Rig Exclusion Zone	
☐	☐	☐	• Hardhat	
☐	☐	☐	• Safety glasses	
☐	☐	☐	• Work gloves	
☐	☐	☐	• Chemical resistant gloves_____	
☐	☐	☐	• Steel toed Work Boots	
☐	☐	☐	• Chemical resistant Boot Covers	
☐	☐	☐	• Apron	
☐	☐	☐	• Coveralls Tyvek, Saranex, cotton)_____	
☐	☑	☐	Other Hazards	
☐	☑	☐	• Excessive Noise Levels? _____dBA	
☑	☐	☐	• Chemical hazards (Drilling supplies - Sand, bentonite, grout, fuel, etc.)	
☑	☐	☐	- MSDSs available?	
☑	☐	☐	• Will On-site fueling occur	
☑	☐	☐	- Safety cans available?	
			- Fire extinguisher (Type/Rating -_____)	

Approved for Use ☑ Yes ☐ No ☐ See Comments

_____
Site Health and Safety Officer

Frank Lowey Tech I
Operator

Equipment Inspection Checklist

Company: TETRA TECH NUS

Unit/Serial No#: W0300CX005820

Inspection Date: 7/20/10 **Time:** 8:30 : 2:30

Equipment Type: John Deere Shredder

Project Name: BRUNSWICK NUS

Project No#: 112G02063

Yes	No	NA	Requirement	Comments
			Emergency Stop Devices	
✓			• Emergency Stop Devices (At points of operation)	
✓			• Have all emergency shut offs identified been communicated to the field crew?	
✓			• Has a person been designated as the Emergency Stop Device Operator?	
			Highway Use	
		✓	• Cab, mirrors, safety glass?	
✓			• Turn signals, lights, brake lights, etc. (front/rear) for equipment approved for highway use?	
✓			• Seat Belts?	
✓			• Is the equipment equipped with audible back-up alarms and back-up lights?	
✓			• Horn and gauges	
✓			• Brake condition (dynamic, park, etc.)	
✓			• Tires (Tread) or tracks	
		✓	• Windshield wipers	
✓			• Exhaust system	
✓			• Steering (standard and emergency)	
✓			• Wheel Chocks?	
✓			• Are tools and material secured to prevent movement during transport? Especially those within the cab?	
	✓		• Are there flammables or solvents or other prohibited substances stored within the cab?	
	✓		• Are tools or debris in the cab that may adversely influence operation of the vehicle (in and around brakes, clutch, gas pedals)	

Yes	No	NA	Requirement	Comments
			Fluid Levels:	
☑	☐	☐	• Engine oil	
☑	☐	☐	• Transmission fluid	
☑	☐	☐	• Brake fluid	
☑	☐	☐	• Cooling system fluid	
☑	☐	☐	• Hoses and belts	
☑	☐	☐	• Hydraulic oil	
			High Pressure Hydraulic Lines	
☐	☑	☐	• Obvious damage	
☑	☐	☐	• Operator protected from accidental release	
☑	☐	☐	• Coupling devices, connectors, retention cables/pins are in good condition and in place	
			Mast Condition	
☐	☐	☑	• Structural components/tubing	
☐	☐	☑	• Connection points	
☐	☐	☑	• Pins	
☐	☐	☑	• Welds	
☐	☐	☑	• Outriggers	
☐	☐	☑	• Operational	
☐	☐	☑	• Plumb (when raised)	
			Hooks	
☐	☐	☑	• Are the hooks equipped with Safety Latches?	
☐	☐	☑	• Does it appear that the hook is showing signs of wear in excess of 10% original dimension?	
☐	☐	☑	• Is there a bend or twist exceeding 10% from the plane of an unbent hook?	
☐	☐	☑	• Increase in throat opening exceeding 15% from new condition	
☐	☐	☑	• Excessive nicks and/or gouges	
☐	☐	☑	• Clips	
☐	☐	☑	• Number of U-Type (Crosby) Clips (cable size 5/16 – 5/8 = 3 clips minimum) (cable size 3/4 – 1 inch = 4 clips minimum) (cable size 1 1/8 – 1 3/8 inch = 5 clips minimum)	

Yes	No	NA	Requirement	Comments
			Power cable and/or hoist cable	
☐	☐	☑	• Reduction in Rope diameter π (5/16 wire rope>1/64 reduction nominal size -replace) (3/8 to 1/2 wire rope>1/32 reduction nominal size-replace) (9/16 to 3/4 wire rope>3/64 reduction nominal size-replace)	
☐	☐	☑	• Number of broken wires (6 randomly broken wires in one rope lay) (3 broken wires in one strand)	
☐	☐	☑	• Number of wire rope wraps left on the Running Drum at nominal use (≥3 required)	
☐	☐	☑	- Lead (primary) sheave is centered on the running drum	
☐	☐	☑	• Lubrication of wire rope (adequate?)	
☐	☐	☑	• Kinks, bends – Flattened to > 50% diameter	
			Hemp/Fiber rope (Cathead/Split Spoon Hammer)	
☐	☐	☑	• Minimum ¾; maximum 1 inch rope diameter (Inspect for physical damage)	
☐	☐	☑	• Rope to hammer is securely fastened	
			Safety Guards –	
☑	☐	☐	• Around rotating apparatus (belts, pulleys, sprockets, spindles, drums, flywheels, chains) all points of operations protected from accidental contact?	
☐	☑	☐	• Hot pipes and surfaces exposed to accidental contact?	
☑	☐	☐	• High pressure lines	
☐	☑	☐	• Nip/pinch points	
			Operator Qualifications	
☐	☐	☑	• Does the operator have proper licensing where applicable, (e.g., CDL)?	
☑	☐	☐	• Does the operator, understand the equipment's operating instructions?	
☑	☐	☐	• Is the operator experienced with this equipment?	
☑	☐	☐	• Is the operator 21 years of age or more?	

Yes	No	NA	Requirement	Comments
☐	☐	☐	PPE Required for Drill Rig Exclusion Zone	
☐	☐	☐	• Hardhat	
☐	☐	☐	• Safety glasses	
☐	☐	☐	• Work gloves	
☐	☐	☐	• Chemical resistant gloves_____	
☐	☐	☐	• Steel toed Work Boots	
☐	☐	☐	• Chemical resistant Boot Covers	
☐	☐	☐	• Apron	
☐	☐	☐	• Coveralls Tyvek, Saranex, cotton)_____	
☐	☑	☐	Other Hazards	
☐	☑	☐	• Excessive Noise Levels? _____dBA	
☑	☐	☐	• Chemical hazards (Drilling supplies - Sand, bentonite, grout, fuel, etc.)	
☑	☐	☐	- MSDSs available?	
☑	☐	☐	• Will On-site fueling occur	
☑	☐	☐	- Safety cans available?	
			- Fire extinguisher (Type/Rating -_____)	

Approved for Use ☑ Yes ☐ No ☐ See Comments

_____
Site Health and Safety Officer

Frank Lowey Tech I
Operator

Equipment Inspection Checklist

Company: TETRATECH NUS

Unit/Serial No#: 71712

Inspection Date: 7 / 21 / 10 **Time:** 7 : 45

Equipment Type: EXCAVATOR

Project Name: BRUNSWICK NAS

Project No#: 112G02063

Yes	No	NA	Requirement	Comments
			Emergency Stop Devices	
☑	☐	☐	• Emergency Stop Devices (At points of operation)	
☑	☐	☐	• Have all emergency shut offs identified been communicated to the field crew?	
☑	☐	☐	• Has a person been designated as the Emergency Stop Device Operator?	
			Highway Use	
☐	☐	☐	• Cab, mirrors, safety glass?	
☐	☐	☐	• Turn signals, lights, brake lights, etc. (front/rear) for equipment approved for highway use?	
☐	☐	☐	• Seat Belts?	
☐	☐	☐	• Is the equipment equipped with audible back-up alarms and back-up lights?	
☐	☐	☐	• Horn and gauges	
☐	☐	☐	• Brake condition (dynamic, park, etc.)	
☐	☐	☐	• Tires (Tread) or tracks	
☐	☐	☐	• Windshield wipers	
☐	☐	☐	• Exhaust system	
☐	☐	☐	• Steering (standard and emergency)	
☐	☐	☐	• Wheel Chocks?	
☐	☐	☐	• Are tools and material secured to prevent movement during transport? Especially those within the cab?	
☐	☐	☐	• Are there flammables or solvents or other prohibited substances stored within the cab?	
☐	☐	☐	• Are tools or debris in the cab that may adversely influence operation of the vehicle (in and around brakes, clutch, gas pedals)	

Yes	No	NA	Requirement	Comments
☑	☐	☐	Fluid Levels: • Engine oil	
☑	☐	☐	• Transmission fluid	
☑	☐	☐	• Brake fluid	
☑	☐	☐	• Cooling system fluid	
☑	☐	☐	• Hoses and belts	
☑	☐	☐	• Hydraulic oil	
☑	☐	☐	High Pressure Hydraulic Lines • Obvious damage	
☑	☐	☐	• Operator protected from accidental release	
☑	☐	☐	• Coupling devices, connectors, retention cables/pins are in good condition and in place	
☑	☐	☐	Mast Condition • Structural components/tubing	
☑	☐	☐	• Connection points	
☑	☐	☐	• Pins	
☑	☐	☐	• Welds	
☐	☐	☑	• Outriggers	
☑	☐	☐	• Operational	
☑	☐	☐	• Plumb (when raised)	
☐	☐	☐	Hooks • Are the hooks equipped with Safety Latches?	
☐	☐	☐	• Does it appear that the hook is showing signs of wear in excess of 10% original dimension?	
☐	☐	☐	• Is there a bend or twist exceeding 10% from the plane of an unbent hook?	
☐	☐	☐	• Increase in throat opening exceeding 15% from new condition	
☐	☐	☐	• Excessive nicks and/or gouges	
☐	☐	☐	• Clips	
☐	☐	☐	• Number of U-Type (Crosby) Clips (cable size 5/16 – 5/8 = 3 clips minimum) (cable size 3/4 – 1 inch = 4 clips minimum) (cable size 1 1/8 – 1 3/8 inch = 5 clips minimum)	

Yes	No	NA	Requirement	Comments
			Power cable and/or hoist cable	
☐	☐	☐	• Reduction in Rope diameter π (5/16 wire rope>1/64 reduction nominal size -replace) (3/8 to 1/2 wire rope>1/32 reduction nominal size-replace) (9/16 to 3/4 wire rope>3/64 reduction nominal size-replace)	
☐	☐	☐	• Number of broken wires (6 randomly broken wires in one rope lay) (3 broken wires in one strand)	
☐	☐	☐	• Number of wire rope wraps left on the Running Drum at nominal use (≥3 required)	
☐	☐	☐	- Lead (primary) sheave is centered on the running drum	
☐	☐	☐	• Lubrication of wire rope (adequate?)	
☐	☐	☐	• Kinks, bends – Flattened to > 50% diameter	
			Hemp/Fiber rope (Cathead/Split Spoon Hammer)	
☐	☐	☐	• Minimum ¾; maximum 1 inch rope diameter (Inspect for physical damage)	
☐	☐	☐	• Rope to hammer is securely fastened	
			Safety Guards –	
☑	☐	☐	• Around rotating apparatus (belts, pulleys, sprockets, spindles, drums, flywheels, chains) all points of operations protected from accidental contact?	
☑	☐	☐	• Hot pipes and surfaces exposed to accidental contact?	
☑	☐	☐	• High pressure lines	
☑	☐	☐	• Nip/pinch points	
			Operator Qualifications	
☑	☐	☐	• Does the operator have proper licensing where applicable, (e.g., CDL)?	
☑	☐	☐	• Does the operator, understand the equipment's operating instructions?	
☑	☐	☐	• Is the operator experienced with this equipment?	
☑	☐	☐	• Is the operator 21 years of age or more?	

Yes	No	NA	Requirement	Comments
☐	☑	☐	PPE Required for Drill Rig Exclusion Zone	
☑	☐	☐	• Hardhat	
☐	☑	☐	• Safety glasses	
☐	☑	☐	• Work gloves	
☑	☐	☐	• Chemical resistant gloves_____	
☐	☑	☐	• Steel toed Work Boots	
☐	☑	☐	• Chemical resistant Boot Covers	
☐	☑	☐	• Apron	
☑	☐	☐	Other Hazards	
☐	☑	☐	• Excessive Noise Levels? _____dBA	
☐	☑	☐	• Chemical hazards (Drilling supplies - Sand, bentonite, grout, fuel, etc.)	
☑	☐	☐	- MSDSs available?	
☑	☐	☐	• Will On-site fueling occur	
☑	☐	☐	- Safety cans available?	
			- Fire extinguisher (Type/Rating -_____)	

Approved for Use ☑ Yes ☐ No ☐ See Comments

_____ Site Health and Safety Officer

_____ Operator

Equipment Inspection Checklist

Company: TETRA TECH NUS

Unit/Serial No#: 846825

Inspection Date: 7/21/10 **Time:** 7:55

Equipment Type: Skid Steer

Project Name: Brunswick NAS

Project No#: 112G02063

Yes	No	NA	Requirement	Comments
			Emergency Stop Devices	
☑	☐	☐	• Emergency Stop Devices (At points of operation)	
☑	☐	☐	• Have all emergency shut offs identified been communicated to the field crew?	
☑	☐	☐	• Has a person been designated as the Emergency Stop Device Operator?	
			Highway Use	
☐	☐	☑	• Cab, mirrors, safety glass?	
☐	☐	☑	• Turn signals, lights, brake lights, etc. (front/rear) for equipment approved for highway use?	
☑	☐	☑	• Seat Belts?	
☑	☐	☑	• Is the equipment equipped with audible back-up alarms and back-up lights?	
☐	☐	☑	• Horn and gauges	
☐	☐	☑	• Brake condition (dynamic, park, etc.)	
☐	☐	☑	• Tires (Tread) or tracks	
☐	☐	☑	• Windshield wipers	
☐	☐	☑	• Exhaust system	
☐	☐	☑	• Steering (standard and emergency)	
☐	☐	☑	• Wheel Chocks?	
☐	☐	☑	• Are tools and material secured to prevent movement during transport? Especially those within the cab?	
☐	☐	☑	• Are there flammables or solvents or other prohibited substances stored within the cab?	
☐	☐	☑	• Are tools or debris in the cab that may adversely influence operation of the vehicle (in and around brakes, clutch, gas pedals)	

Yes	No	NA	Requirement	Comments
☑	☐	☐	Fluid Levels:	
☑	☐	☐	• Engine oil	
☑	☐	☐	• Transmission fluid	
☑	☐	☐	• Brake fluid	
☑	☐	☐	• Cooling system fluid	
☑	☐	☐	• Hoses and belts	
☑	☐	☐	• Hydraulic oil	
☐	☑	☐	High Pressure Hydraulic Lines	
☑	☑	☐	• Obvious damage	
☑	☐	☐	• Operator protected from accidental release	
			• Coupling devices, connectors, retention cables/pins are in good condition and in place	
☑	☐	☐	Mast Condition	
☑	☐	☐	• Structural components/tubing	
☑	☐	☐	• Connection points	
☐	☐	☐	• Pins	
☐	☐	☐	• Welds	
☑	☐	☑	• Outriggers	
☑	☐	☐	• Operational	
☑	☐	☐	• Plumb (when raised)	
☐	☑	☐	Hooks	
☐	☐	☐	• Are the hooks equipped with Safety Latches?	
☐	☐	☐	• Does it appear that the hook is showing signs of wear in excess of 10% original dimension?	
☐	☐	☐	• Is there a bend or twist exceeding 10% from the plane of an unbent hook?	
☐	☐	☐	• Increase in throat opening exceeding 15% from new condition	
☐	☐	☐	• Excessive nicks and/or gouges	
☐	☐	☐	• Clips	
☐	☐	☐	• Number of U-Type (Crosby) Clips (cable size 5/16 – 5/8 = 3 clips minimum) (cable size 3/4 – 1 inch = 4 clips minimum) (cable size 1 1/8 – 1 3/8 inch = 5 clips minimum)	

Yes	No	NA	Requirement	Comments
			Power cable and/or hoist cable	
☐	☐	☐	• Reduction in Rope diameter π (5/16 wire rope>1/64 reduction nominal size -replace) (3/8 to 1/2 wire rope>1/32 reduction nominal size-replace) (9/16 to 3/4 wire rope>3/64 reduction nominal size-replace)	
☐	☐	☐	• Number of broken wires (6 randomly broken wires in one rope lay) (3 broken wires in one strand)	
☐	☐	☐	• Number of wire rope wraps left on the Running Drum at nominal use (≥3 required)	
☐	☐	☐	- Lead (primary) sheave is centered on the running drum	
☐	☐	☐	• Lubrication of wire rope (adequate?)	
☐	☐	☐	• Kinks, bends – Flattened to > 50% diameter	
			Hemp/Fiber rope (Cathead/Split Spoon Hammer)	
☐	☐	☑	• Minimum ¾; maximum 1 inch rope diameter (Inspect for physical damage)	
☐	☐	☑	• Rope to hammer is securely fastened	
			Safety Guards –	
☑	☐	☐	• Around rotating apparatus (belts, pulleys, sprockets, spindles, drums, flywheels, chains) all points of operations protected from accidental contact?	
☑	☐	☐	• Hot pipes and surfaces exposed to accidental contact?	
☑	☐	☐	• High pressure lines	
☑	☐	☐	• Nip/pinch points	
			Operator Qualifications	
☐	☐	☑	• Does the operator have proper licensing where applicable, (e.g., CDL)?	
☑	☐	☐	• Does the operator, understand the equipment's operating instructions?	
☑	☐	☐	• Is the operator experienced with this equipment?	
☑	☐	☐	• Is the operator 21 years of age or more?	

Yes	No	NA	Requirement	Comments
☐	☐	☑	PPE Required for Drill Rig Exclusion Zone	
☑	☐	☐	• Hardhat	
☑	☐	☐	• Safety glasses	
☐	☐	☑	• Work gloves	
☑	☐	☐	• Chemical resistant gloves_____	
☐	☐	☑	• Steel toed Work Boots	
☐	☐	☑	• Chemical resistant Boot Covers	
☐	☐	☑	• Apron	
☑	☐	☐	Other Hazards	
☐	☐	☑	• Excessive Noise Levels? _____dBA	
☐	☐	☐	• Chemical hazards (Drilling supplies - Sand, bentonite, grout, fuel, etc.)	
☑	☐	☐	- MSDSs available?	
☑	☐	☐	• Will On-site fueling occur	
☑	☐	☐	- Safety cans available?	
☑	☐	☐	- Fire extinguisher (Type/Rating - _____)	

Approved for Use ☑ Yes ☐ No ☐ See Comments

_____
Site Health and Safety Officer

Travis Lowry Tech I
Operator

Equipment Inspection Checklist

Company: TETRA TECH NUS

Unit/Serial No#: 71712

Inspection Date: 7/22/10 **Time:** :

Equipment Type: KOMATSU ~~BACK~~ EXCAVATOR

Project Name: BRUNSWICK NUS

Project No#: 112G02063

Yes	No	NA	Requirement	Comments
			Emergency Stop Devices	
☑	☐	☐	• Emergency Stop Devices (At points of operation)	
☐	☐	☑	• Have all emergency shut offs identified been communicated to the field crew?	
☐	☐	☑	• Has a person been designated as the Emergency Stop Device Operator?	
			Highway Use	
☐	☐	☒	• Cab, mirrors, safety glass?	
☐	☐	☐	• Turn signals, lights, brake lights, etc. (front/rear) for equipment approved for highway use?	
☐	☐	☐	• Seat Belts?	
☐	☐	☐	• Is the equipment equipped with audible back-up alarms and back-up lights?	
☐	☐	☐	• Horn and gauges	
☐	☐	☐	• Brake condition (dynamic, park, etc.)	
☐	☐	☐	• Tires (Tread) or tracks	
☐	☐	☐	• Windshield wipers	
☐	☐	☐	• Exhaust system	
☐	☐	☐	• Steering (standard and emergency)	
☐	☐	☐	• Wheel Chocks?	
☐	☐	☐	• Are tools and material secured to prevent movement during transport? Especially those within the cab?	
☐	☐	☐	• Are there flammables or solvents or other prohibited substances stored within the cab?	
☐	☐	☒	• Are tools or debris in the cab that may adversely influence operation of the vehicle (in and around brakes, clutch, gas pedals)	

Yes	No	NA	Requirement	Comments
☑	☐	☐	Fluid Levels:	
☐	☐	☑	• Engine oil	
☐	☐	☑	• Transmission fluid	
☑	☐	☑	• Brake fluid	
☑	☐	☑	• Cooling system fluid	
☑	☐	☑	• Hoses and belts	
			• Hydraulic oil	
☐	☑	☐	High Pressure Hydraulic Lines	
☑	☐	☐	• Obvious damage	
☑	☐	☐	• Operator protected from accidental release	
			• Coupling devices, connectors, retention cables/pins are in good condition and in place	
☑	☐	☐	Mast Condition	
☐	☐	☐	• Structural components/tubing	
☐	☐	☐	• Connection points	
☐	☐	☐	• Pins	
☐	☐	☐	• Welds	
☐	☐	☐	• Outriggers	
☐	☐	☐	• Operational	
☑	☐	☐	• Plumb (when raised)	
☐	☐	☑	Hooks	
☐	☐	☐	• Are the hooks equipped with Safety Latches?	
☐	☐	☐	• Does it appear that the hook is showing signs of wear in excess of 10% original dimension?	
☐	☐	☐	• Is there a bend or twist exceeding 10% from the plane of an unbent hook?	
☐	☐	☐	• Increase in throat opening exceeding 15% from new condition	
☐	☐	☐	• Excessive nicks and/or gouges	
☐	☐	☑	• Clips	
			• Number of U-Type (Crosby) Clips (cable size 5/16 – 5/8 = 3 clips minimum) (cable size 3/4 – 1 inch = 4 clips minimum) (cable size 1 1/8 – 1 3/8 inch = 5 clips minimum)	

Yes	No	NA	Requirement	Comments
			Power cable and/or hoist cable	
☐	☐	☑	• Reduction in Rope diameter π (5/16 wire rope>1/64 reduction nominal size -replace) (3/8 to 1/2 wire rope>1/32 reduction nominal size-replace) (9/16 to 3/4 wire rope>3/64 reduction nominal size-replace)	
☐	☐	☐	• Number of broken wires (6 randomly broken wires in one rope lay) (3 broken wires in one strand)	
☐	☐	☐	• Number of wire rope wraps left on the Running Drum at nominal use (≥3 required)	
☐	☐	☐	- Lead (primary) sheave is centered on the running drum	
☐	☐	☐	• Lubrication of wire rope (adequate?)	
☐	☐	☑	• Kinks, bends – Flattened to > 50% diameter	
			Hemp/Fiber rope (Cathead/Split Spoon Hammer)	
☐	☐	☑	• Minimum ¾; maximum 1 inch rope diameter (Inspect for physical damage)	
☐	☐	☑	• Rope to hammer is securely fastened	
			Safety Guards –	
☑	☐	☐	• Around rotating apparatus (belts, pulleys, sprockets, spindles, drums, flywheels, chains) all points of operations protected from accidental contact?	
☐	☐	☐	• Hot pipes and surfaces exposed to accidental contact?	
☐	☐	☐	• High pressure lines	
☑	☐	☐	• Nip/pinch points	
			Operator Qualifications	
☑	☐	☐	• Does the operator have proper licensing where applicable, (e.g., CDL)?	
☐	☐	☐	• Does the operator, understand the equipment's operating instructions?	
☐	☐	☐	• Is the operator experienced with this equipment?	
☑	☐	☐	• Is the operator 21 years of age or more?	

Yes	No	NA	Requirement	Comments
			PPE Required for Drill Rig Exclusion Zone	
☐	☑	☐	• Hardhat	
☑	☐	☐	• Safety glasses	
☐	☑	☐	• Work gloves	
☐	☐	☑	• Chemical resistant gloves_____	
☑	☐	☐	• Steel toed Work Boots	
☐	☐	☑	• Chemical resistant Boot Covers	
☐	☐	☑	• Apron	
☐	☐	☑	• Coveralls Tyvek, Saranex, cotton)_____	
			Other Hazards	
☑	☐	☐	• Excessive Noise Levels? _____dBA	
☐	☐	☑	• Chemical hazards (Drilling supplies - Sand, bentonite, grout, fuel, etc.)	
☑	☐	☐	- MSDSs available?	
☑	☐	☐	• Will On-site fueling occur	
☑	☐	☐	- Safety cans available?	
☑	☐	☐	- Fire extinguisher (Type/Rating -_____ _)	

Approved for Use ☒ Yes ☐ No ☐ See Comments

Site Health and Safety Officer

Operator

Equipment Inspection Checklist

Company: TETRA TECH NUS

Unit/Serial No#: 846825

Inspection Date: 7/22/10 **Time:** :

Equipment Type: SKID STEER

Project Name: BRUNSWICK NJS

Project No#: 112G02063

Yes	No	NA	Requirement	Comments
			Emergency Stop Devices	
☑	☐	☐	• Emergency Stop Devices (At points of operation)	
☐	☐	☑	• Have all emergency shut offs identified been communicated to the field crew?	
☐	☐	☑	• Has a person been designated as the Emergency Stop Device Operator?	
			Highway Use	
☐	☐	☑	• Cab, mirrors, safety glass?	
☐	☐	☑	• Turn signals, lights, brake lights, etc. (front/rear) for equipment approved for highway use?	
☐	☐	☑	• Seat Belts?	
☐	☐	☑	• Is the equipment equipped with audible back-up alarms and back-up lights?	
☐	☐	☑	• Horn and gauges	
☐	☐	☑	• Brake condition (dynamic, park, etc.)	
☐	☐	☑	• Tires (Tread) or tracks	
☐	☐	☑	• Windshield wipers	
☐	☐	☑	• Exhaust system	
☐	☐	☑	• Steering (standard and emergency)	
☐	☐	☑	• Wheel Chocks?	
☐	☐	☑	• Are tools and material secured to prevent movement during transport? Especially those within the cab?	
☐	☐	☑	• Are there flammables or solvents or other prohibited substances stored within the cab?	
☐	☐	☑	• Are tools or debris in the cab that may adversely influence operation of the vehicle (in and around brakes, clutch, gas pedals)	

Yes	No	NA	Requirement	Comments
☑	☐	☐	Fluid Levels:	
☐	☐	☒	• Engine oil	
☐	☐	☒	• Transmission fluid	
☑	☐	☐	• Brake fluid	
☑	☐	☐	• Cooling system fluid	
☑	☐	☐	• Hoses and belts	
			• Hydraulic oil	
☐	☒	☐	High Pressure Hydraulic Lines	
☒	☐	☐	• Obvious damage	
☒	☐	☐	• Operator protected from accidental release	
			• Coupling devices, connectors, retention cables/pins are in good condition and in place	
☐	☐	☒	Mast Condition	
☐	☐	☒	• Structural components/tubing	
☐	☐	☒	• Connection points	
☐	☐	☒	• Pins	
☐	☐	☒	• Welds	
☐	☐	☒	• Outriggers	
☐	☐	☒	• Operational	
☐	☐	☒	• Plumb (when raised)	
☐	☐	☒	Hooks	
☐	☐	☒	• Are the hooks equipped with Safety Latches?	
☐	☐	☒	• Does it appear that the hook is showing signs of wear in excess of 10% original dimension?	
☐	☐	☒	• Is there a bend or twist exceeding 10% from the plane of an unbent hook?	
☐	☐	☒	• Increase in throat opening exceeding 15% from new condition	
☐	☐	☒	• Excessive nicks and/or gouges	
☐	☐	☒	• Clips	
☐	☐	☒	• Number of U-Type (Crosby) Clips (cable size 5/16 – 5/8 = 3 clips minimum) (cable size 3/4 – 1 inch = 4 clips minimum) (cable size 1 1/8 – 1 3/8 inch = 5 clips minimum)	

Yes	No	NA	Requirement	Comments
			Power cable and/or hoist cable • Reduction in Rope diameter π (5/16 wire rope>1/64 reduction nominal size -replace) (3/8 to 1/2 wire rope>1/32 reduction nominal size-replace) (9/16 to 3/4 wire rope>3/64 reduction nominal size-replace) • Number of broken wires (6 randomly broken wires in one rope lay) (3 broken wires in one strand) • Number of wire rope wraps left on the Running Drum at nominal use (≥3 required) - Lead (primary) sheave is centered on the running drum • Lubrication of wire rope (adequate?) • Kinks, bends – Flattened to > 50% diameter	
			Hemp/Fiber rope (Cathead/Split Spoon Hammer) • Minimum ¾; maximum 1 inch rope diameter (Inspect for physical damage) • Rope to hammer is securely fastened	
			Safety Guards – • Around rotating apparatus (belts, pulleys, sprockets, spindles, drums, flywheels, chains) all points of operations protected from accidental contact? • Hot pipes and surfaces exposed to accidental contact? • High pressure lines • Nip/pinch points	
			Operator Qualifications • Does the operator have proper licensing where applicable, (e.g., CDL)? • Does the operator, understand the equipment's operating instructions? • Is the operator experienced with this equipment? • Is the operator 21 years of age or more?	

Yes	No	NA	Requirement	Comments
☐	☒	☐	PPE Required for Drill Rig Exclusion Zone	
☒	☐	☐	• Hardhat	
☐	☒	☐	• Safety glasses	
☐	☐	☒	• Work gloves	
☒	☐	☐	• Chemical resistant gloves_____	
☐	☐	☒	• Steel toed Work Boots	
☐	☐	☐	• Chemical resistant Boot Covers	
☐	☐	☒	• Apron	
			• Coveralls Tyvek, Saranex, cotton)_____	
☒	☐	☐	Other Hazards	
☐	☐	☒	• Excessive Noise Levels? _____dBA	
☒	☒	☐	• Chemical hazards (Drilling supplies - Sand, bentonite, grout, fuel, etc.)	
☒	☐	☐	- MSDSs available?	
☒	☐	☐	• Will On-site fueling occur	
☒	☐	☐	- Safety cans available?	
			- Fire extinguisher (Type/Rating -_____ _)	

Approved for Use ☒ Yes ☐ No ☐ See Comments

_____
Site Health and Safety Officer

_____
Operator

Equipment Inspection Checklist

Company: TETRA TECH NUS

Unit/Serial No#: 846 825

Inspection Date: 7 / 23 / 10 **Time:** :

Equipment Type: SKID STEER

Project Name: BRUNSWICK NUS

Project No#: 112G02063

Yes	No	NA	Requirement	Comments
			Emergency Stop Devices	
☑	☐	☐	• Emergency Stop Devices (At points of operation)	
☐	☐	☑	• Have all emergency shut offs identified been communicated to the field crew?	
☐	☐	☑	• Has a person been designated as the Emergency Stop Device Operator?	
			Highway Use	
☐	☐	☑	• Cab, mirrors, safety glass?	
☐	☐	☑	• Turn signals, lights, brake lights, etc. (front/rear) for equipment approved for highway use?	
☐	☐	☑	• Seat Belts?	
☐	☐	☑	• Is the equipment equipped with audible back-up alarms and back-up lights?	
☐	☐	☑	• Horn and gauges	
☐	☐	☑	• Brake condition (dynamic, park, etc.)	
☐	☐	☑	• Tires (Tread) or tracks	
☐	☐	☑	• Windshield wipers	
☐	☐	☑	• Exhaust system	
☐	☐	☑	• Steering (standard and emergency)	
☐	☐	☑	• Wheel Chocks?	
☐	☐	☑	• Are tools and material secured to prevent movement during transport? Especially those within the cab?	
☐	☐	☑	• Are there flammables or solvents or other prohibited substances stored within the cab?	
☐	☐	☑	• Are tools or debris in the cab that may adversely influence operation of the vehicle (in and around brakes, clutch, gas pedals)	

Yes	No	NA	Requirement	Comments
			Fluid Levels:	
☑	☐	☐	• Engine oil	
☐	☐	☒	• Transmission fluid	
☐	☐	☒	• Brake fluid	
☒	☐	☐	• Cooling system fluid	
☒	☐	☐	• Hoses and belts	
☒	☐	☐	• Hydraulic oil	
			High Pressure Hydraulic Lines	
☐	☒	☐	• Obvious damage	
☒	☐	☐	• Operator protected from accidental release	
☒	☐	☐	• Coupling devices, connectors, retention cables/pins are in good condition and in place	
			Mast Condition	
☐	☐	☒	• Structural components/tubing	
☐	☐	☐	• Connection points	
☐	☐	☐	• Pins	
☐	☐	☐	• Welds	
☐	☐	☐	• Outriggers	
☐	☐	☐	• Operational	
☐	☐	☒	• Plumb (when raised)	
			Hooks	
☐	☐	☒	• Are the hooks equipped with Safety Latches?	
☐	☐	☐	• Does it appear that the hook is showing signs of wear in excess of 10% original dimension?	
☐	☐	☐	• Is there a bend or twist exceeding 10% from the plane of an unbent hook?	
☐	☐	☐	• Increase in throat opening exceeding 15% from new condition	
☐	☐	☐	• Excessive nicks and/or gouges	
☐	☐	☐	• Clips	
☐	☐	☒	• Number of U-Type (Crosby) Clips (cable size 5/16 – 5/8 = 3 clips minimum) (cable size 3/4 – 1 inch = 4 clips minimum) (cable size 1 1/8 – 1 3/8 inch = 5 clips minimum)	

Yes	No	NA	Requirement	Comments
			Power cable and/or hoist cable	
☐	☐	☒	• Reduction in Rope diameter π (5/16 wire rope>1/64 reduction nominal size -replace) (3/8 to 1/2 wire rope>1/32 reduction nominal size-replace) (9/16 to 3/4 wire rope>3/64 reduction nominal size-replace)	
☐	☐	☐	• Number of broken wires (6 randomly broken wires in one rope lay) (3 broken wires in one strand)	
☐	☐	☐	• Number of wire rope wraps left on the Running Drum at nominal use (≥3 required)	
☐	☐	☐	- Lead (primary) sheave is centered on the running drum	
☐	☐	☐	• Lubrication of wire rope (adequate?)	
☐	☐	☒	• Kinks, bends – Flattened to > 50% diameter	
			Hemp/Fiber rope (Cathead/Split Spoon Hammer)	
☐	☐	☒	• Minimum ¾; maximum 1 inch rope diameter (Inspect for physical damage)	
☐	☐	☒	• Rope to hammer is securely fastened	
			Safety Guards –	
☒	☐	☐	• Around rotating apparatus (belts, pulleys, sprockets, spindles, drums, flywheels, chains) all points of operations protected from accidental contact?	
☐	☐	☐	• Hot pipes and surfaces exposed to accidental contact?	
☐	☐	☐	• High pressure lines	
☒	☐	☐	• Nip/pinch points	
			Operator Qualifications	
☒	☐	☐	• Does the operator have proper licensing where applicable, (e.g., CDL)?	
☐	☐	☐	• Does the operator, understand the equipment's operating instructions?	
☐	☐	☐	• Is the operator experienced with this equipment?	
☒	☐	☐	• Is the operator 21 years of age or more?	

Yes	No	NA	Requirement	Comments
☐	☒	☐	PPE Required for Drill Rig Exclusion Zone	
☒	☐	☐	• Hardhat	
☐	☒	☐	• Safety glasses	
☐	☐	☒	• Work gloves	
☒	☐	☐	• Chemical resistant gloves_____	
☐	☐	☒	• Steel toed Work Boots	
☐	☐	☐	• Chemical resistant Boot Covers	
☐	☐	☒	• Apron	
			• Coveralls Tyvek, Saranex, cotton)_____	
☒	☐	☐	Other Hazards	
☐	☐	☒	• Excessive Noise Levels? _____dBA	
☒	☐	☐	• Chemical hazards (Drilling supplies - Sand, bentonite, grout, fuel, etc.)	
☐	☐	☐	- MSDSs available?	
☐	☐	☐	• Will On-site fueling occur	
☒	☐	☐	- Safety cans available?	
			- Fire extinguisher (Type/Rating - _____)	

Approved for Use ☒ Yes ☐ No ☐ See Comments

_____ Site Health and Safety Officer

_____ Operator

Equipment Inspection Checklist

Company: JETRA TECH NUS

Unit/Serial No#: WD 300 CX 005 820

Inspection Date: 7 / 23 / 10 **Time:** 7 : 15

Equipment Type: JOHN DEERE SHREDER

Project Name: BRUNSWICK NAS

Project No#: 112 G 020 63

Yes	No	NA	Requirement	Comments
			Emergency Stop Devices	
✓			• Emergency Stop Devices (At points of operation)	
✓			• Have all emergency shut offs identified been communicated to the field crew?	
✓			• Has a person been designated as the Emergency Stop Device Operator?	
			Highway Use	
		✓	• Cab, mirrors, safety glass?	
✓			• Turn signals, lights, brake lights, etc. (front/rear) for equipment approved for highway use?	
✓			• Seat Belts?	
✓			• Is the equipment equipped with audible back-up alarms and back-up lights?	
✓			• Horn and gauges	
✓			• Brake condition (dynamic, park, etc.)	
✓			• Tires (Tread) or tracks	
		✓	• Windshield wipers	
✓			• Exhaust system	
✓			• Steering (standard and emergency)	
✓			• Wheel Chocks?	
✓			• Are tools and material secured to prevent movement during transport? Especially those within the cab?	
	✓		• Are there flammables or solvents or other prohibited substances stored within the cab?	
	✓		• Are tools or debris in the cab that may adversely influence operation of the vehicle (in and around brakes, clutch, gas pedals)	

No	NA	Requirement	Comments
		Fluid Levels:	
☑	☐	• Engine oil	
☑	☐	• Transmission fluid	
☑	☐	• Brake fluid	
☑	☐	• Cooling system fluid	
☑	☐	• Hoses and belts	
☑	☐	• Hydraulic oil	
		High Pressure Hydraulic Lines	
☐	☑	• Obvious damage	
☑	☐	• Operator protected from accidental release	
☑	☐	• Coupling devices, connectors, retention cables/pins are in good condition and in place	
		Mast Condition	
☐	☑	• Structural components/tubing	
☐	☑	• Connection points	
☐	☑	• Pins	
☐	☑	• Welds	
☐	☑	• Outriggers	
☐	☑	• Operational	
☐	☑	• Plumb (when raised)	
		Hooks	
☐	☑	• Are the hooks equipped with Safety Latches?	
☐	☐	• Does it appear that the hook is showing signs of wear in excess of 10% original dimension?	
☐	☑	• Is there a bend or twist exceeding 10% from the plane of an unbent hook?	
☐	☑	• Increase in throat opening exceeding 15% from new condition	
☐	☑	• Excessive nicks and/or gouges	
☐	☑	• Clips	
☐	☑	• Number of U-Type (Crosby) Clips (cable size 5/16 – 5/8 = 3 clips minimum) (cable size 3/4 – 1 inch = 4 clips minimum) (cable size 1 1/8 – 1 3/8 inch = 5 clips minimum)	

Yes	No	NA	Requirement	Comments
☐	☐	☑	Power cable and/or hoist cable • Reduction in Rope diameter π (5/16 wire rope>1/64 reduction nominal size -replace) (3/8 to 1/2 wire rope>1/32 reduction nominal size-replace) (9/16 to 3/4 wire rope>3/64 reduction nominal size-replace)	
☐	☐	☑	• Number of broken wires (6 randomly broken wires in one rope lay) (3 broken wires in one strand)	
☐	☐	☑	• Number of wire rope wraps left on the Running Drum at nominal use (≥3 required)	
☐	☐	☑	- Lead (primary) sheave is centered on the running drum	
☐	☐	☑	• Lubrication of wire rope (adequate?)	
☐	☐	☑	• Kinks, bends – Flattened to > 50% diameter	
☐	☐	☑	Hemp/Fiber rope (Cathead/Split Spoon Hammer) • Minimum ¾; maximum 1 inch rope diameter (Inspect for physical damage)	
☐	☐	☑	• Rope to hammer is securely fastened	
☑	☐	☐	Safety Guards – • Around rotating apparatus (belts, pulleys, sprockets, spindles, drums, flywheels, chains) all points of operations protected from accidental contact?	
☐	☑	☐	• Hot pipes and surfaces exposed to accidental contact?	
☑	☐	☐	• High pressure lines	
☐	☑	☐	• Nip/pinch points	
☐	☐	☑	Operator Qualifications • Does the operator have proper licensing where applicable, (e.g., CDL)?	
☑	☐	☐	• Does the operator, understand the equipment's operating instructions?	
☑	☐	☐	• Is the operator experienced with this equipment?	
☑	☐	☐	• Is the operator 21 years of age or more?	

Yes	No	NA	Requirement	Comments
☐	☐	☐	PPE Required for Drill Rig Exclusion Zone	
☐	☐	☐	• Hardhat	
☐	☐	☐	• Safety glasses	
☐	☐	☐	• Work gloves	
☐	☐	☐	• Chemical resistant gloves_____	
☐	☐	☐	• Steel toed Work Boots	
☐	☐	☐	• Chemical resistant Boot Covers	
☐	☐	☐	• Apron	
☐	☐	☐	• Coveralls Tyvek, Saranex, cotton)_____	
☐	☑	☐	Other Hazards	
☐	☑	☐	• Excessive Noise Levels? _____dBA	
☑	☐	☐	• Chemical hazards (Drilling supplies - Sand, bentonite, grout, fuel, etc.)	
☑	☐	☐	- MSDSs available?	
☑	☐	☐	• Will On-site fueling occur	
☑	☐	☐	- Safety cans available?	
			- Fire extinguisher (Type/Rating - _____)	

Approved for Use ☑ Yes ☐ No ☑ See Comments

_____ _____

Site Health and Safety Officer Operator

* Front left wheel hub is leaking fluid.

Equipment Inspection Checklist

Company: TETRA TECH NUS

Unit/Serial No#: WJ300 CX005820

Inspection Date: 7/12/10 **Time:** 7:15

Equipment Type: John Deere Shredder

Project Name: BRUNSWICK NAS

Project No#: 112G02063

Yes	No	NA	Requirement	Comments
			Emergency Stop Devices	
☑	☐	☐	• Emergency Stop Devices (At points of operation)	
☑	☐	☐	• Have all emergency shut offs identified been communicated to the field crew?	
☑	☐	☐	• Has a person been designated as the Emergency Stop Device Operator?	
			Highway Use	
☐	☐	☑	• Cab, mirrors, safety glass?	
☑	☐	☐	• Turn signals, lights, brake lights, etc. (front/rear) for equipment approved for highway use?	
☑	☐	☐	• Seat Belts?	
☑	☐	☐	• Is the equipment equipped with audible back-up alarms and back-up lights?	
☑	☐	☐	• Horn and gauges	
☑	☐	☐	• Brake condition (dynamic, park, etc.)	
☑	☐	☑	• Tires (Tread) or tracks	
☑	☐	☑	• Windshield wipers	
☑	☐	☐	• Exhaust system	
☑	☐	☐	• Steering (standard and emergency)	
☑	☐	☐	• Wheel Chocks?	
☑	☐	☐	• Are tools and material secured to prevent movement during transport? Especially those within the cab?	
☐	☑	☐	• Are there flammables or solvents or other prohibited substances stored within the cab?	
☐	☑	☐	• Are tools or debris in the cab that may adversely influence operation of the vehicle (in and around brakes, clutch, gas pedals)	

Yes	No	NA	Requirement	Comments
☑	☐	☐	Fluid Levels:	
☑	☐	☐	• Engine oil	
☑	☐	☐	• Transmission fluid	
☑	☐	☐	• Brake fluid	
☑	☐	☐	• Cooling system fluid	
☑	☐	☐	• Hoses and belts	
☑	☐	☐	• Hydraulic oil	
☐	☑	☐	High Pressure Hydraulic Lines	
☑	☐	☐	• Obvious damage	
☑	☐	☐	• Operator protected from accidental release	
☑	☐	☐	• Coupling devices, connectors, retention cables/pins are in good condition and in place	
☐	☐	☐	Mast Condition	
☐	☐	☐	• Structural components/tubing	
☐	☐	☐	• Connection points	
☐	☐	☐	• Pins	
☐	☐	☐	• Welds	
☐	☐	☐	• Outriggers	
☐	☐	☐	• Operational	
☐	☐	☐	• Plumb (when raised)	
☐	☐	☐	Hooks	
☐	☐	☐	• Are the hooks equipped with Safety Latches?	
☐	☐	☐	• Does it appear that the hook is showing signs of wear in excess of 10% original dimension?	
☐	☐	☐	• Is there a bend or twist exceeding 10% from the plane of an unbent hook?	
☐	☐	☐	• Increase in throat opening exceeding 15% from new condition	
☐	☐	☐	• Excessive nicks and/or gouges	
☐	☐	☐	• Clips	
☐	☐	☐	• Number of U-Type (Crosby) Clips (cable size 5/16 – 5/8 = 3 clips minimum) (cable size 3/4 – 1 inch = 4 clips minimum) (cable size 1 1/8 – 1 3/8 inch = 5 clips minimum)	

Yes	No	NA	Requirement	Comments
			Power cable and/or hoist cable	
☐	☐	☑	• Reduction in Rope diameter π (5/16 wire rope>1/64 reduction nominal size -replace) (3/8 to 1/2 wire rope>1/32 reduction nominal size-replace) (9/16 to 3/4 wire rope>3/64 reduction nominal size-replace)	
☐	☐	☑	• Number of broken wires (6 randomly broken wires in one rope lay) (3 broken wires in one strand)	
☐	☐	☑	• Number of wire rope wraps left on the Running Drum at nominal use (≥3 required)	
☐	☐	☑	- Lead (primary) sheave is centered on the running drum	
☐	☐	☑	• Lubrication of wire rope (adequate?)	
☐	☐	☑	• Kinks, bends – Flattened to > 50% diameter	
			Hemp/Fiber rope (Cathead/Split Spoon Hammer)	
☐	☐	☑	• Minimum ¾; maximum 1 inch rope diameter (Inspect for physical damage)	
☐	☐	☑	• Rope to hammer is securely fastened	
			Safety Guards –	
☑	☐	☐	• Around rotating apparatus (belts, pulleys, sprockets, spindles, drums, flywheels, chains) all points of operations protected from accidental contact?	
☐	☑	☐	• Hot pipes and surfaces exposed to accidental contact?	
☑	☐	☐	• High pressure lines	
☐	☑	☐	• Nip/pinch points	
			Operator Qualifications	
☐	☐	☑	• Does the operator have proper licensing where applicable, (e.g., CDL)?	
☑	☐	☐	• Does the operator, understand the equipment's operating instructions?	
☑	☐	☐	• Is the operator experienced with this equipment?	
☑	☐	☐	• Is the operator 21 years of age or more?	

Yes	No	NA	Requirement	Comments
☐	☐	☑	PPE Required for Drill Rig Exclusion Zone	
☐	☐	☑	• Hardhat	
☐	☐	☑	• Safety glasses	
☐	☐	☑	• Work gloves	
☐	☐	☑	• Chemical resistant gloves_____	
☐	☐	☑	• Steel toed Work Boots	
☐	☐	☑	• Chemical resistant Boot Covers	
☐	☐	☑	• Apron	
☐	☐	☑	• Coveralls Tyvek, Saranex, cotton)_____	
☐	☑	☐	Other Hazards	
☐	☑	☐	• Excessive Noise Levels? _____dBA	
☑	☐	☐	• Chemical hazards (Drilling supplies - Sand, bentonite, grout, fuel, etc.)	
☑	☐	☐	- MSDSs available?	
☑	☐	☐	• Will On-site fueling occur	
☑	☐	☐	- Safety cans available?	
☑	☐	☐	- Fire extinguisher (Type/Rating - _____ _)	

Approved for Use ☑ Yes ☐ No ☒ See Comments

_____ Frank Lowey Tech I

Site Health and Safety Officer Operator

Front left wheel seal leaking lubricant

Equipment Inspection Checklist

Company: TETRA TECH NUS

Unit/Serial No#: 71712

Inspection Date: 7/24/10 **Time:** :

Equipment Type: KOMATSU EXCAVATOR

Project Name: BRUNSWICK NAS

Project No#: 112-G02063

Yes	No	NA	Requirement	Comments
			Emergency Stop Devices	
☐	☐	☑	• Emergency Stop Devices (At points of operation)	
☐	☐	☐	• Have all emergency shut offs identified been communicated to the field crew?	
☐	☐	☑	• Has a person been designated as the Emergency Stop Device Operator?	
			Highway Use	
☐	☐	☑	• Cab, mirrors, safety glass?	
☐	☐	☐	• Turn signals, lights, brake lights, etc. (front/rear) for equipment approved for highway use?	
☐	☐	☐	• Seat Belts?	
☐	☐	☐	• Is the equipment equipped with audible back-up alarms and back-up lights?	
☐	☐	☐	• Horn and gauges	
☐	☐	☐	• Brake condition (dynamic, park, etc.)	
☐	☐	☐	• Tires (Tread) or tracks	
☐	☐	☐	• Windshield wipers	
☐	☐	☐	• Exhaust system	
☐	☐	☐	• Steering (standard and emergency)	
☐	☐	☐	• Wheel Chocks?	
☐	☐	☐	• Are tools and material secured to prevent movement during transport? Especially those within the cab?	
☐	☐	☐	• Are there flammables or solvents or other prohibited substances stored within the cab?	
☐	☐	☑	• Are tools or debris in the cab that may adversely influence operation of the vehicle (in and around brakes, clutch, gas pedals)	

Yes	No	NA	Requirement	Comments
☑	☐	☐	Fluid Levels:	
☐	☐	☑	• Engine oil	
☐	☐	☑	• Transmission fluid	
☑	☐	☐	• Brake fluid	
☐	☐	☐	• Cooling system fluid	
☑	☐	☐	• Hoses and belts	
			• Hydraulic oil	
☐	☑	☐	High Pressure Hydraulic Lines	
☑	☐	☐	• Obvious damage	
☑	☐	☐	• Operator protected from accidental release	
			• Coupling devices, connectors, retention cables/pins are in good condition and in place	
☑	☐	☑	Mast Condition	
☐	☐	☐	• Structural components/tubing	
☐	☐	☐	• Connection points	
☐	☐	☐	• Pins	
☐	☐	☐	• Welds	
☐	☐	☐	• Outriggers	
☐	☐	☐	• Operational	
☑	☐	☐	• Plumb (when raised)	
☐	☐	☑	Hooks	
☐	☐	☐	• Are the hooks equipped with Safety Latches?	
			• Does it appear that the hook is showing signs of wear in excess of 10% original dimension?	
☐	☐	☐	• Is there a bend or twist exceeding 10% from the plane of an unbent hook?	
☐	☐	☐	• Increase in throat opening exceeding 15% from new condition	
☐	☐	☐	• Excessive nicks and/or gouges	
☐	☐	☐	• Clips	
☐	☐	☑	• Number of U-Type (Crosby) Clips (cable size 5/16 – 5/8 = 3 clips minimum) (cable size 3/4 – 1 inch = 4 clips minimum) (cable size 1 1/8 – 1 3/8 inch = 5 clips minimum)	

Yes	No	NA	Requirement	Comments
☐	☐	☒	Power cable and/or hoist cable • Reduction in Rope diameter π (5/16 wire rope>1/64 reduction nominal size -replace) (3/8 to 1/2 wire rope>1/32 reduction nominal size-replace) (9/16 to 3/4 wire rope>3/64 reduction nominal size-replace)	
☐	☐	☐	• Number of broken wires (6 randomly broken wires in one rope lay) (3 broken wires in one strand)	
☐	☐	☐	• Number of wire rope wraps left on the Running Drum at nominal use (≥3 required)	
☐	☐	☐	- Lead (primary) sheave is centered on the running drum	
☐	☐	☐	• Lubrication of wire rope (adequate?)	
☐	☐	☒	• Kinks, bends – Flattened to > 50% diameter	
☐	☐	☒	Hemp/Fiber rope (Cathead/Split Spoon Hammer) • Minimum ¾; maximum 1 inch rope diameter (Inspect for physical damage)	
☐	☐	☒	• Rope to hammer is securely fastened	
☒	☐	☐	Safety Guards – • Around rotating apparatus (belts, pulleys, sprockets, spindles, drums, flywheels, chains) all points of operations protected from accidental contact?	
☐	☐	☐	• Hot pipes and surfaces exposed to accidental contact?	
☐	☐	☐	• High pressure lines	
☒	☐	☐	• Nip/pinch points	
☒	☐	☐	Operator Qualifications • Does the operator have proper licensing where applicable, (e.g., CDL)?	
☐	☐	☐	• Does the operator, understand the equipment's operating instructions?	
☐	☐	☐	• Is the operator experienced with this equipment?	
☒	☐	☐	• Is the operator 21 years of age or more?	

Yes	No	NA	Requirement	Comments
☐	☑	☐	PPE Required for Drill Rig Exclusion Zone	
☑	☐	☐	• Hardhat	
☐	☑	☐	• Safety glasses	
☐	☐	☑	• Work gloves	
☐	☐	☐	• Chemical resistant gloves_____	
☐	☐	☐	• Steel toed Work Boots	
☐	☐	☐	• Chemical resistant Boot Covers	
☐	☐	☑	• Apron	
☐	☐	☑	• Coveralls Tyvek, Saranex, cotton)_____	
☑	☐	☐	Other Hazards	
☐	☑	☐	• Excessive Noise Levels? _____dBA	
☑	☐	☐	• Chemical hazards (Drilling supplies - Sand, bentonite, grout, fuel, etc.)	
☐	☐	☐	- MSDSs available?	
☐	☐	☐	• Will On-site fueling occur	
☐	☐	☐	- Safety cans available?	
☑	☐	☐	- Fire extinguisher (Type/Rating - _____)	

Approved for Use ☒ Yes ☐ No ☐ See Comments

_____ Site Health and Safety Officer

_____ Operator

Equipment Inspection Checklist

Company: TETRA TECH NUS

Unit/Serial No#: 846 825

Inspection Date: 7/24/10 **Time:** 7:50

Equipment Type: BOB CAT SKIDSTEER

Project Name: BRUNSWICK NAS

Project No#: 112G02063

Yes	No	NA	Requirement	Comments
			Emergency Stop Devices	
☐	☐	☑	• Emergency Stop Devices (At points of operation)	
☐	☐	☑	• Have all emergency shut offs identified been communicated to the field crew?	
☐	☐	☑	• Has a person been designated as the Emergency Stop Device Operator?	
			Highway Use	
☐	☐	☑	• Cab, mirrors, safety glass?	
☐	☐	☑	• Turn signals, lights, brake lights, etc. (front/rear) for equipment approved for highway use?	
☐	☐	☑	• Seat Belts?	
☐	☐	☑	• Is the equipment equipped with audible back-up alarms and back-up lights?	
☐	☐	☑	• Horn and gauges	
☐	☐	☑	• Brake condition (dynamic, park, etc.)	
☐	☐	☑	• Tires (Tread) or tracks	
☐	☐	☑	• Windshield wipers	
☐	☐	☑	• Exhaust system	
☐	☐	☑	• Steering (standard and emergency)	
☐	☐	☑	• Wheel Chocks?	
☐	☐	☑	• Are tools and material secured to prevent movement during transport? Especially those within the cab?	
☐	☐	☑	• Are there flammables or solvents or other prohibited substances stored within the cab?	
☐	☐	☑	• Are tools or debris in the cab that may adversely influence operation of the vehicle (in and around brakes, clutch, gas pedals)	

Yes	No	NA	Requirement	Comments
☑	☐	☐	Fluid Levels: • Engine oil	
☐	☐	☑	• Transmission fluid	
☐	☐	☑	• Brake fluid	
☑	☐	☐	• Cooling system fluid	
☐	☐	☐	• Hoses and belts	
☑	☐	☐	• Hydraulic oil	
☑	☐	☐	High Pressure Hydraulic Lines • Obvious damage	
☐	☐	☐	• Operator protected from accidental release	
☑	☐	☐	• Coupling devices, connectors, retention cables/pins are in good condition and in place	
☐	☐	☑	Mast Condition • Structural components/tubing	
☐	☐	☐	• Connection points	
☐	☐	☐	• Pins	
☐	☐	☐	• Welds	
☐	☐	☐	• Outriggers	
☐	☐	☐	• Operational	
☐	☐	☑	• Plumb (when raised)	
☐	☐	☑	Hooks • Are the hooks equipped with Safety Latches?	
☐	☐	☐	• Does it appear that the hook is showing signs of wear in excess of 10% original dimension?	
☐	☐	☐	• Is there a bend or twist exceeding 10% from the plane of an unbent hook?	
☐	☐	☐	• Increase in throat opening exceeding 15% from new condition	
☐	☐	☐	• Excessive nicks and/or gouges	
☐	☐	☐	• Clips	
☐	☐	☑	• Number of U-Type (Crosby) Clips (cable size 5/16 – 5/8 = 3 clips minimum) (cable size 3/4 – 1 inch = 4 clips minimum) (cable size 1 1/8 – 1 3/8 inch = 5 clips minimum)	

Yes	No	NA	Requirement	Comments
☐	☐	☑	Power cable and/or hoist cable • Reduction in Rope diameter π (5/16 wire rope>1/64 reduction nominal size -replace) (3/8 to 1/2 wire rope>1/32 reduction nominal size-replace) (9/16 to 3/4 wire rope>3/64 reduction nominal size-replace)	
☐	☐	☐	• Number of broken wires (6 randomly broken wires in one rope lay) (3 broken wires in one strand)	
☐	☐	☐	• Number of wire rope wraps left on the Running Drum at nominal use (≥3 required)	
☐	☐	☐	- Lead (primary) sheave is centered on the running drum	
☐	☐	☐	• Lubrication of wire rope (adequate?)	
☐	☐	☑	• Kinks, bends – Flattened to > 50% diameter	
☐	☐	☑	Hemp/Fiber rope (Cathead/Split Spoon Hammer) • Minimum ¾; maximum 1 inch rope diameter (Inspect for physical damage)	
☐	☐	☑	• Rope to hammer is securely fastened	
☑	☐	☐	Safety Guards – • Around rotating apparatus (belts, pulleys, sprockets, spindles, drums, flywheels, chains) all points of operations protected from accidental contact?	
☐	☐	☐	• Hot pipes and surfaces exposed to accidental contact?	
☐	☐	☐	• High pressure lines	
☑	☐	☐	• Nip/pinch points	
☑	☐	☐	Operator Qualifications • Does the operator have proper licensing where applicable, (e.g., CDL)?	
☐	☐	☐	• Does the operator, understand the equipment's operating instructions?	
☐	☐	☐	• Is the operator experienced with this equipment?	
☑	☐	☐	• Is the operator 21 years of age or more?	

Yes	No	NA	Requirement	Comments
☐	☒	☒	PPE Required for Drill Rig Exclusion Zone	
☒	☐	☐	• Hardhat	
☒	☐	☐	• Safety glasses	
☐	☐	☒	• Work gloves	
☐	☐	☐	• Chemical resistant gloves_____	
☐	☐	☐	• Steel toed Work Boots	
☐	☐	☐	• Chemical resistant Boot Covers	
☐	☐	☒	• Apron	
			• Coveralls Tyvek, Saranex, cotton)_____	
☒	☐	☐	Other Hazards	
☐	☐	☒	• Excessive Noise Levels? _____dBA	
			• Chemical hazards (Drilling supplies - Sand, bentonite, grout, fuel, etc.)	
☒	☐	☐	- MSDSs available?	
☒	☐	☐	• Will On-site fueling occur	
☒	☐	☐	- Safety cans available?	
☒	☐	☐	- Fire extinguisher (Type/Rating - _____ _)	

Approved for Use ☒ Yes ☐ No ☐ See Comments

_____
Site Health and Safety Officer

_____
Operator

Equipment Inspection Checklist

Company: TETRA TECH NUS **Unit/Serial No#:** 7171 2

Inspection Date: 7/25/10 **Time:** : **Equipment Type:** KOMATSU EXCAVATOR

Project Name: BRUNSWICK NAS **Project No#:** 112G02063

Yes	No	NA	Requirement	Comments
			Emergency Stop Devices	
☐	☐	☐	• Emergency Stop Devices (At points of operation)	
☐	☐	☒	• Have all emergency shut offs identified been communicated to the field crew?	
☐	☐	☒	• Has a person been designated as the Emergency Stop Device Operator?	
			Highway Use	
☐	☐	☒	• Cab, mirrors, safety glass?	
☐	☐	☐	• Turn signals, lights, brake lights, etc. (front/rear) for equipment approved for highway use?	
☐	☐	☐	• Seat Belts?	
☐	☐	☐	• Is the equipment equipped with audible back-up alarms and back-up lights?	
☐	☐	☐	• Horn and gauges	
☐	☐	☐	• Brake condition (dynamic, park, etc.)	
☐	☐	☐	• Tires (Tread) or tracks	
☐	☐	☐	• Windshield wipers	
☐	☐	☐	• Exhaust system	
☐	☐	☐	• Steering (standard and emergency)	
☐	☐	☐	• Wheel Chocks?	
☐	☐	☐	• Are tools and material secured to prevent movement during transport? Especially those within the cab?	
☐	☐	☐	• Are there flammables or solvents or other prohibited substances stored within the cab?	
☐	☐	☒	• Are tools or debris in the cab that may adversely influence operation of the vehicle (in and around brakes, clutch, gas pedals)	

Yes	No	NA	Requirement	Comments
☑	☐	☐	Fluid Levels:	
☐	☐	☑	• Engine oil	
☐	☐	☑	• Transmission fluid	
☑	☐	☐	• Brake fluid	
☑	☐	☐	• Cooling system fluid	
☑	☐	☐	• Hoses and belts	
☑	☐	☐	• Hydraulic oil	
☐	☑	☐	High Pressure Hydraulic Lines	
☑	☐	☐	• Obvious damage	
☑	☐	☐	• Operator protected from accidental release	
			• Coupling devices, connectors, retention cables/pins are in good condition and in place	
☑	☐	☐	Mast Condition	
☑	☐	☐	• Structural components/tubing	
☑	☐	☐	• Connection points	
☑	☐	☐	• Pins	
☑	☐	☐	• Welds	
☑	☐	☐	• Outriggers	
☑	☐	☐	• Operational	
☑	☐	☐	• Plumb (when raised)	
☐	☐	☒	Hooks	
☐	☐	☐	• Are the hooks equipped with Safety Latches?	
☐	☐	☐	• Does it appear that the hook is showing signs of wear in excess of 10% original dimension?	
☐	☐	☐	• Is there a bend or twist exceeding 10% from the plane of an unbent hook?	
☐	☐	☐	• Increase in throat opening exceeding 15% from new condition	
☐	☐	☐	• Excessive nicks and/or gouges	
☐	☐	☐	• Clips	
☐	☐	☒	• Number of U-Type (Crosby) Clips (cable size 5/16 – 5/8 = 3 clips minimum) (cable size 3/4 – 1 inch = 4 clips minimum) (cable size 1 1/8 – 1 3/8 inch = 5 clips minimum)	

Yes	No	NA	Requirement	Comments
			Power cable and/or hoist cable	
☐	☐	☒	• Reduction in Rope diameter π (5/16 wire rope>1/64 reduction nominal size -replace) (3/8 to 1/2 wire rope>1/32 reduction nominal size-replace) (9/16 to 3/4 wire rope>3/64 reduction nominal size-replace)	
☐	☐	☐	• Number of broken wires (6 randomly broken wires in one rope lay) (3 broken wires in one strand)	
☐	☐	☐	• Number of wire rope wraps left on the Running Drum at nominal use (≥3 required)	
☐	☐	☐	- Lead (primary) sheave is centered on the running drum	
☐	☐	☐	• Lubrication of wire rope (adequate?)	
☐	☐	☒	• Kinks, bends – Flattened to > 50% diameter	
			Hemp/Fiber rope (Cathead/Split Spoon Hammer)	
☐	☐	☒	• Minimum ¾; maximum 1 inch rope diameter (Inspect for physical damage)	
☐	☐	☒	• Rope to hammer is securely fastened	
			Safety Guards –	
☒	☐	☐	• Around rotating apparatus (belts, pulleys, sprockets, spindles, drums, flywheels, chains) all points of operations protected from accidental contact?	
☐	☐	☐	• Hot pipes and surfaces exposed to accidental contact?	
☐	☐	☐	• High pressure lines	
☒	☐	☐	• Nip/pinch points	
			Operator Qualifications	
☒	☒	☐	• Does the operator have proper licensing where applicable, (e.g., CDL)?	
☒	☐	☐	• Does the operator, understand the equipment's operating instructions?	
☒	☐	☐	• Is the operator experienced with this equipment?	
☒	☐	☐	• Is the operator 21 years of age or more?	

Yes	No	NA	Requirement	Comments
☐	☑	☐	PPE Required for Drill Rig Exclusion Zone	
☑	☐	☐	• Hardhat	
☐	☑	☐	• Safety glasses	
☐	☐	☒	• Work gloves	
☑	☐	☐	• Chemical resistant gloves_____	
☐	☐	☒	• Steel toed Work Boots	
☐	☐	☒	• Chemical resistant Boot Covers	
☐	☐	☒	• Apron	
			• Coveralls Tyvek, Saranex, cotton)_____	
☒	☒	☐	Other Hazards	
☐	~~☒~~ S	☒	• Excessive Noise Levels? _____dBA	
☒	☐	☐	• Chemical hazards (Drilling supplies - Sand, bentonite, grout, fuel, etc.)	
☒	☐	☐	- MSDSs available?	
☒	☐	☐	• Will On-site fueling occur	
☒	☐	☐	- Safety cans available?	
			- Fire extinguisher (Type/Rating - _____)	

Approved for Use ☐ Yes ☐ No ☐ See Comments

_____ Site Health and Safety Officer

_____ Operator

Equipment Inspection Checklist

Company: TETRA TECH NUS

Unit/Serial No#: 1132013

Inspection Date: 7/26/10 **Time:** :

Equipment Type: SKID STEER

Project Name: BRUNSWICK NAS

Project No#: 112G02063

Yes	No	NA	Requirement	Comments
			Emergency Stop Devices	
☐	☐	☐	• Emergency Stop Devices (At points of operation)	
☐	☐	☑	• Have all emergency shut offs identified been communicated to the field crew?	
☐	☐	☑	• Has a person been designated as the Emergency Stop Device Operator?	
			Highway Use	
☐	☐	☒	• Cab, mirrors, safety glass?	
☐	☐	☐	• Turn signals, lights, brake lights, etc. (front/rear) for equipment approved for highway use?	
☐	☐	☐	• Seat Belts?	
☐	☐	☐	• Is the equipment equipped with audible back-up alarms and back-up lights?	
☐	☐	☐	• Horn and gauges	
☐	☐	☐	• Brake condition (dynamic, park, etc.)	
☐	☐	☐	• Tires (Tread) or tracks	
☐	☐	☐	• Windshield wipers	
☐	☐	☐	• Exhaust system	
☐	☐	☐	• Steering (standard and emergency)	
☐	☐	☐	• Wheel Chocks?	
☐	☐	☐	• Are tools and material secured to prevent movement during transport? Especially those within the cab?	
☐	☐	☐	• Are there flammables or solvents or other prohibited substances stored within the cab?	
☐	☐	☒	• Are tools or debris in the cab that may adversely influence operation of the vehicle (in and around brakes, clutch, gas pedals)	

Yes	No	NA	Requirement	Comments
☑	☐	☐	Fluid Levels:	
☐	☐	☑	• Engine oil	
☐	☐	☑	• Transmission fluid	
☑	☐	☐	• Brake fluid	
☑	☐	☐	• Cooling system fluid	
☑	☐	☐	• Hoses and belts	
☑	☐	☐	• Hydraulic oil	
☐	☑	☐	High Pressure Hydraulic Lines	
☑	☐	☐	• Obvious damage	
☑	☐	☐	• Operator protected from accidental release	
			• Coupling devices, connectors, retention cables/pins are in good condition and in place	
☐	☐	☒	Mast Condition	
☐	☐	☐	• Structural components/tubing	
☐	☐	☐	• Connection points	
☐	☐	☐	• Pins	
☐	☐	☐	• Welds	
☐	☐	☐	• Outriggers	
☐	☐	☐	• Operational	
☐	☐	☒	• Plumb (when raised)	
☐	☐	☒	Hooks	
☐	☐	☐	• Are the hooks equipped with Safety Latches?	
			• Does it appear that the hook is showing signs of wear in excess of 10% original dimension?	
☐	☐	☐	• Is there a bend or twist exceeding 10% from the plane of an unbent hook?	
☐	☐	☐	• Increase in throat opening exceeding 15% from new condition	
☐	☐	☐	• Excessive nicks and/or gouges	
☐	☐	☐	• Clips	
☐	☐	☒	• Number of U-Type (Crosby) Clips (cable size 5/16 – 5/8 = 3 clips minimum) (cable size 3/4 – 1 inch = 4 clips minimum) (cable size 1 1/8 – 1 3/8 inch = 5 clips minimum)	

Yes	No	NA	Requirement	Comments
☐	☐	☒	Power cable and/or hoist cable • Reduction in Rope diameter π (5/16 wire rope>1/64 reduction nominal size -replace) (3/8 to 1/2 wire rope>1/32 reduction nominal size-replace) (9/16 to 3/4 wire rope>3/64 reduction nominal size-replace)	
☐	☐	☐	• Number of broken wires (6 randomly broken wires in one rope lay) (3 broken wires in one strand)	
☐	☐	☐	• Number of wire rope wraps left on the Running Drum at nominal use (≥3 required)	
☐	☐	☐	- Lead (primary) sheave is centered on the running drum	
☐	☐	☐	• Lubrication of wire rope (adequate?)	
☐	☐	☒	• Kinks, bends – Flattened to > 50% diameter	
☐	☐	☒	Hemp/Fiber rope (Cathead/Split Spoon Hammer) • Minimum ¾; maximum 1 inch rope diameter (Inspect for physical damage)	
☐	☐	☒	• Rope to hammer is securely fastened	
☑	☐	☐	Safety Guards – • Around rotating apparatus (belts, pulleys, sprockets, spindles, drums, flywheels, chains) all points of operations protected from accidental contact?	
☑	☐	☐	• Hot pipes and surfaces exposed to accidental contact?	
☑	☐	☐	• High pressure lines	
☑	☐	☐	• Nip/pinch points	
☑	☐	☐	Operator Qualifications • Does the operator have proper licensing where applicable, (e.g., CDL)?	
☑	☐	☐	• Does the operator, understand the equipment's operating instructions?	
☑	☐	☐	• Is the operator experienced with this equipment?	
☑	☐	☐	• Is the operator 21 years of age or more?	

Yes	No	NA	Requirement	Comments
			PPE Required for Drill Rig Exclusion Zone	
☐	☒	☐	• Hardhat	
☒	☐	☐	• Safety glasses	
☐	☒	☐	• Work gloves	
☐	☐	☒	• Chemical resistant gloves_____	
☒	☐	☐	• Steel toed Work Boots	
☐	☐	☒	• Chemical resistant Boot Covers	
☐	☐	☒	• Apron	
☐	☐	☒	• Coveralls Tyvek, Saranex, cotton)_____	
			Other Hazards	
☒	☐	☐	• Excessive Noise Levels? _____dBA	
☐	☐	☒	• Chemical hazards (Drilling supplies - Sand, bentonite, grout, fuel, etc.)	
☒	☐	☐	- MSDSs available?	
☒	☐	☐	• Will On-site fueling occur	
☒	☐	☐	- Safety cans available?	
☒	☐	☐	- Fire extinguisher (Type/Rating - _____)	

Approved for Use ☑ Yes ☐ No ☐ See Comments

_____
Site Health and Safety Officer

_____
Operator

Equipment Inspection Checklist

Company: TETRA TECH NUS

Unit/Serial No#: W8 300 CX0005820

Inspection Date: 7/26/10 **Time:** 7 : 15

Equipment Type: John Deere Shredder

Project Name: BRUNSWICK NAS

Project No#: 112G02063

Yes	No	NA	Requirement	Comments
			Emergency Stop Devices	
☑	☐	☐	• Emergency Stop Devices (At points of operation)	
☑	☐	☐	• Have all emergency shut offs identified been communicated to the field crew?	
☑	☐	☐	• Has a person been designated as the Emergency Stop Device Operator?	
			Highway Use	
☐	☐	☑	• Cab, mirrors, safety glass?	
☑	☐	☐	• Turn signals, lights, brake lights, etc. (front/rear) for equipment approved for highway use?	
☑	☐	☐	• Seat Belts?	
☑	☐	☐	• Is the equipment equipped with audible back-up alarms and back-up lights?	
☑	☐	☐	• Horn and gauges	
☑	☐	☐	• Brake condition (dynamic, park, etc.)	
☑	☐	☐	• Tires (Tread) or tracks	
☐	☐	☑	• Windshield wipers	
☑	☐	☐	• Exhaust system	
☑	☐	☐	• Steering (standard and emergency)	
☑	☐	☐	• Wheel Chocks?	
☑	☐	☐	• Are tools and material secured to prevent movement during transport? Especially those within the cab?	
☐	☑	☐	• Are there flammables or solvents or other prohibited substances stored within the cab?	
☐	☑	☐	• Are tools or debris in the cab that may adversely influence operation of the vehicle (in and around brakes, clutch, gas pedals)	

Yes	No	NA	Requirement	Comments
☑	☐	☐	Fluid Levels:	
☑	☐	☐	• Engine oil	
☑	☐	☐	• Transmission fluid	
☑	☐	☐	• Brake fluid	
☑	☐	☐	• Cooling system fluid	
☑	☐	☐	• Hoses and belts	
☑	☐	☐	• Hydraulic oil	
☐	☑	☐	High Pressure Hydraulic Lines	
☑	☐	☐	• Obvious damage	
☑	☐	☐	• Operator protected from accidental release	
			• Coupling devices, connectors, retention cables/pins are in good condition and in place	
☐	☐	☑	Mast Condition	
☐	☐	☑	• Structural components/tubing	
☐	☐	☑	• Connection points	
☐	☐	☑	• Pins	
☐	☐	☑	• Welds	
☐	☐	☑	• Outriggers	
☐	☐	☑	• Operational	
☐	☐	☑	• Plumb (when raised)	
☐	☐	☑	Hooks	
☐	☐	☑	• Are the hooks equipped with Safety Latches?	
☐	☐	☑	• Does it appear that the hook is showing signs of wear in excess of 10% original dimension?	
☐	☐	☑	• Is there a bend or twist exceeding 10% from the plane of an unbent hook?	
☐	☐	☑	• Increase in throat opening exceeding 15% from new condition	
☐	☐	☑	• Excessive nicks and/or gouges	
☐	☐	☑	• Clips	
☐	☐	☑	• Number of U-Type (Crosby) Clips (cable size 5/16 – 5/8 = 3 clips minimum) (cable size 3/4 – 1 inch = 4 clips minimum) (cable size 1 1/8 – 1 3/8 inch = 5 clips minimum)	

Yes	No	NA	Requirement	Comments
☐	☐	☐	Power cable and/or hoist cable • Reduction in Rope diameter π (5/16 wire rope>1/64 reduction nominal size -replace) (3/8 to 1/2 wire rope>1/32 reduction nominal size-replace) (9/16 to 3/4 wire rope>3/64 reduction nominal size-replace)	
☐	☐	☐	• Number of broken wires (6 randomly broken wires in one rope lay) (3 broken wires in one strand)	
☐	☐	☐	• Number of wire rope wraps left on the Running Drum at nominal use (≥3 required)	
☐	☐	☐	- Lead (primary) sheave is centered on the running drum	
☐	☐	☐	• Lubrication of wire rope (adequate?)	
☐	☐	☐	• Kinks, bends – Flattened to > 50% diameter	
☐	☐	☐	Hemp/Fiber rope (Cathead/Split Spoon Hammer) • Minimum ¾; maximum 1 inch rope diameter (Inspect for physical damage)	
☐	☐	☐	• Rope to hammer is securely fastened	
☑	☐	☐	Safety Guards – • Around rotating apparatus (belts, pulleys, sprockets, spindles, drums, flywheels, chains) all points of operations protected from accidental contact?	
☐	☑	☐	• Hot pipes and surfaces exposed to accidental contact?	
☑	☐	☐	• High pressure lines	
☐	☑	☐	• Nip/pinch points	
☐	☐	☑	Operator Qualifications • Does the operator have proper licensing where applicable, (e.g., CDL)?	
☑	☐	☐	• Does the operator, understand the equipment's operating instructions?	
☑	☐	☐	• Is the operator experienced with this equipment?	
☑	☐	☐	• Is the operator 21 years of age or more?	

Yes	No	NA	Requirement	Comments
☐	☐	☐	PPE Required for Drill Rig Exclusion Zone	
☐	☐	☐	• Hardhat	
☐	☐	☐	• Safety glasses	
☐	☐	☐	• Work gloves	
☐	☐	☐	• Chemical resistant gloves_____	
☐	☐	☐	• Steel toed Work Boots	
☐	☐	☐	• Chemical resistant Boot Covers	
☐	☐	☐	• Apron	
☐	☐	☐	• Coveralls Tyvek, Saranex, cotton)_____	
☐	☑	☐	Other Hazards	
☐	☑	☐	• Excessive Noise Levels? _____dBA	
☑	☐	☐	• Chemical hazards (Drilling supplies - Sand, bentonite, grout, fuel, etc.)	
☑	☐	☐	- MSDSs available?	
☑	☐	☐	• Will On-site fueling occur	
☑	☐	☐	- Safety cans available?	
			- Fire extinguisher (Type/Rating - _____)	

Approved for Use ☑ Yes ☐ No ☐ See Comments

_____
Site Health and Safety Officer

Frank Lowy Tech I
Operator

Front Left Wheel leaking fluid

Equipment Inspection Checklist

Company: TETRA TECH NUS

Unit/Serial No#: 113 2013

Inspection Date: 7/27/10 **Time:** 7:30

Equipment Type: BOBCAT - SKID STEER

Project Name: BRUNSWICK NAS

Project No#: 112G02063

Yes	No	NA	Requirement	Comments
			Emergency Stop Devices	
☑	☐	☐	• Emergency Stop Devices (At points of operation)	
☑	☐	☐	• Have all emergency shut offs identified been communicated to the field crew?	
☑	☐	☐	• Has a person been designated as the Emergency Stop Device Operator?	
			Highway Use	
☐	☐	☑	• Cab, mirrors, safety glass?	
☐	☐	☑	• Turn signals, lights, brake lights, etc. (front/rear) for equipment approved for highway use?	
☐	☐	☑	• Seat Belts?	
☐	☐	☑	• Is the equipment equipped with audible back-up alarms and back-up lights?	
☐	☐	☑	• Horn and gauges	
☐	☐	☑	• Brake condition (dynamic, park, etc.)	
☐	☐	☑	• Tires (Tread) or tracks	
☐	☐	☑	• Windshield wipers	
☐	☐	☑	• Exhaust system	
☐	☐	☑	• Steering (standard and emergency)	
☐	☐	☑	• Wheel Chocks?	
☐	☐	☑	• Are tools and material secured to prevent movement during transport? Especially those within the cab?	
☐	☐	☑	• Are there flammables or solvents or other prohibited substances stored within the cab?	
☐	☐	☑	• Are tools or debris in the cab that may adversely influence operation of the vehicle (in and around brakes, clutch, gas pedals)	

Yes	No	NA	Requirement	Comments
☑	☐	☐	Fluid Levels:	
☑	☐	☐	• Engine oil	
☑	☐	☐	• Transmission fluid	
☑	☐	☐	• Brake fluid	
☑	☐	☐	• Cooling system fluid	
☑	☐	☐	• Hoses and belts	
☑	☐	☐	• Hydraulic oil	
☐	☑	☐	High Pressure Hydraulic Lines	
☑	☐	☐	• Obvious damage	
☑	☐	☐	• Operator protected from accidental release	
			• Coupling devices, connectors, retention cables/pins are in good condition and in place	
☑	☐	☐	Mast Condition	
☑	☐	☐	• Structural components/tubing	
☑	☐	☐	• Connection points	
☑	☐	☐	• Pins	
☑	☐	☐	• Welds	
☑	☐	☐	• Outriggers	
☑	☐	☐	• Operational	
☑	☐	☐	• Plumb (when raised)	
☐	☐	☑	Hooks	
☐	☐	☑	• Are the hooks equipped with Safety Latches?	
☐	☐	☑	• Does it appear that the hook is showing signs of wear in excess of 10% original dimension?	
☐	☐	☑	• Is there a bend or twist exceeding 10% from the plane of an unbent hook?	
☐	☐	☑	• Increase in throat opening exceeding 15% from new condition	
☐	☐	☑	• Excessive nicks and/or gouges	
☐	☐	☑	• Clips	
☐	☐	☑	• Number of U-Type (Crosby) Clips (cable size 5/16 – 5/8 = 3 clips minimum) (cable size 3/4 – 1 inch = 4 clips minimum) (cable size 1 1/8 – 1 3/8 inch = 5 clips minimum)	

Yes	No	NA	Requirement	Comments
☐	☐	☑	Power cable and/or hoist cable • Reduction in Rope diameter π (5/16 wire rope>1/64 reduction nominal size -replace) (3/8 to 1/2 wire rope>1/32 reduction nominal size-replace) (9/16 to 3/4 wire rope>3/64 reduction nominal size-replace)	
☐	☐	☐	• Number of broken wires (6 randomly broken wires in one rope lay) (3 broken wires in one strand)	
☐	☐	☐	• Number of wire rope wraps left on the Running Drum at nominal use (≥3 required)	
☐	☐	☐	- Lead (primary) sheave is centered on the running drum	
☐	☐	☐	• Lubrication of wire rope (adequate?)	
☐	☐	☐	• Kinks, bends – Flattened to > 50% diameter	
☐	☐	☑	Hemp/Fiber rope (Cathead/Split Spoon Hammer) • Minimum ¾; maximum 1 inch rope diameter (Inspect for physical damage)	
☐	☐	☐	• Rope to hammer is securely fastened	
☑	☐	☐	Safety Guards – • Around rotating apparatus (belts, pulleys, sprockets, spindles, drums, flywheels, chains) all points of operations protected from accidental contact?	
☐	☑	☐	• Hot pipes and surfaces exposed to accidental contact?	
☑	☐	☐	• High pressure lines	
☑	☐	☐	• Nip/pinch points	
☐	☑	☐	Operator Qualifications • Does the operator have proper licensing where applicable, (e.g., CDL)?	
☑	☐	☐	• Does the operator, understand the equipment's operating instructions?	
☑	☐	☐	• Is the operator experienced with this equipment?	
☑	☐	☐	• Is the operator 21 years of age or more?	

Yes	No	NA	Requirement	Comments
☐	☐	☐	PPE Required for Drill Rig Exclusion Zone	
☐	☐	☐	• Hardhat	
☐	☐	☐	• Safety glasses	
☐	☐	☐	• Work gloves	
☐	☐	☐	• Chemical resistant gloves_____	
☐	☐	☐	• Steel toed Work Boots	
☐	☐	☐	• Chemical resistant Boot Covers	
☐	☐	☐	• Apron	
☐	☐	☐	• Coveralls Tyvek, Saranex, cotton)_____	
☐	☑	☐	Other Hazards	
☐	☐	☑	• Excessive Noise Levels? _____dBA	
☑	☐	☑	• Chemical hazards (Drilling supplies - Sand, bentonite, grout, fuel, etc.)	
☑	☐	☐	- MSDSs available?	
☑	☐	☐	• Will On-site fueling occur	
☑	☐	☐	- Safety cans available?	
☑	☐	☐	- Fire extinguisher (Type/Rating - _____ _ _____)	

Approved for Use ☐ Yes ☐ No ☐ See Comments

_____
Site Health and Safety Officer

Frank Lowey Tech I
Operator

Equipment Inspection Checklist

Company: TETRA TECH NUS

Unit/Serial No#: 71712

Inspection Date: 7/27/10 **Time:** 7:30

Equipment Type: KOMATSU EXCAVATOR

Project Name: BRUNSWICK NAS

Project No#: 112G02063

Yes	No	NA	Requirement	Comments
			Emergency Stop Devices	
☑	☐	☐	• Emergency Stop Devices (At points of operation)	
☑	☐	☐	• Have all emergency shut offs identified been communicated to the field crew?	
☑	☐	☐	• Has a person been designated as the Emergency Stop Device Operator?	
			Highway Use	
☐	☐	☑	• Cab, mirrors, safety glass?	
☐	☐	☑	• Turn signals, lights, brake lights, etc. (front/rear) for equipment approved for highway use?	
☐	☐	☑	• Seat Belts?	
☐	☐	☑	• Is the equipment equipped with audible back-up alarms and back-up lights?	
☐	☐	☑	• Horn and gauges	
☐	☐	☑	• Brake condition (dynamic, park, etc.)	
☐	☐	☑	• Tires (Tread) or tracks	
☐	☐	☑	• Windshield wipers	
☐	☐	☑	• Exhaust system	
☐	☐	☑	• Steering (standard and emergency)	
☐	☐	☑	• Wheel Chocks?	
☐	☐	☑	• Are tools and material secured to prevent movement during transport? Especially those within the cab?	
☐	☐	☑	• Are there flammables or solvents or other prohibited substances stored within the cab?	
☐	☐	☑	• Are tools or debris in the cab that may adversely influence operation of the vehicle (in and around brakes, clutch, gas pedals)	

Yes	No	NA	Requirement	Comments
☑	☐	☐	Fluid Levels:	
☑	☐	☐	• Engine oil	
☑	☐	☐	• Transmission fluid	
☑	☐	☐	• Brake fluid	
☑	☐	☐	• Cooling system fluid	
☑	☐	☐	• Hoses and belts	
☑	☐	☐	• Hydraulic oil	
☐	☑	☐	High Pressure Hydraulic Lines	
☑	☐	☐	• Obvious damage	
☑	☐	☐	• Operator protected from accidental release	
			• Coupling devices, connectors, retention cables/pins are in good condition and in place	
☑	☐	☐	Mast Condition	
☑	☐	☐	• Structural components/tubing	
☑	☐	☐	• Connection points	
☑	☐	☐	• Pins	
☑	☐	☐	• Welds	
☑	☐	☐	• Outriggers	
☑	☐	☐	• Operational	
☑	☐	☐	• Plumb (when raised)	
☐	☐	☑	Hooks	
☐	☐	☐	• Are the hooks equipped with Safety Latches?	
☐	☐	☐	• Does it appear that the hook is showing signs of wear in excess of 10% original dimension?	
☐	☐	☐	• Is there a bend or twist exceeding 10% from the plane of an unbent hook?	
☐	☐	☐	• Increase in throat opening exceeding 15% from new condition	
☐	☐	☐	• Excessive nicks and/or gouges	
☐	☐	☐	• Clips	
☐	☐	☐	• Number of U-Type (Crosby) Clips (cable size 5/16 – 5/8 = 3 clips minimum) (cable size 3/4 – 1 inch = 4 clips minimum) (cable size 1 1/8 – 1 3/8 inch = 5 clips minimum)	

Yes	No	NA	Requirement	Comments
☐	☐	☐	Power cable and/or hoist cable • Reduction in Rope diameter π (5/16 wire rope>1/64 reduction nominal size -replace) (3/8 to 1/2 wire rope>1/32 reduction nominal size-replace) (9/16 to 3/4 wire rope>3/64 reduction nominal size-replace)	
☐	☐	☐	• Number of broken wires (6 randomly broken wires in one rope lay) (3 broken wires in one strand)	
☐	☐	☐	• Number of wire rope wraps left on the Running Drum at nominal use (≥3 required)	
☐	☐	☐	- Lead (primary) sheave is centered on the running drum	
☐	☐	☐	• Lubrication of wire rope (adequate?)	
☐	☐	☐	• Kinks, bends – Flattened to > 50% diameter	
☐	☐	☐	Hemp/Fiber rope (Cathead/Split Spoon Hammer) • Minimum ¾; maximum 1 inch rope diameter (Inspect for physical damage)	
☐	☐	☐	• Rope to hammer is securely fastened	
☑	☐	☐	Safety Guards – • Around rotating apparatus (belts, pulleys, sprockets, spindles, drums, flywheels, chains) all points of operations protected from accidental contact?	
☐	☑	☐	• Hot pipes and surfaces exposed to accidental contact?	
☑	☐	☐	• High pressure lines	
☑	☐	☐	• Nip/pinch points	
☐	☑	☐	Operator Qualifications • Does the operator have proper licensing where applicable, (e.g., CDL)?	
☑	☐	☐	• Does the operator, understand the equipment's operating instructions?	
☑	☐	☐	• Is the operator experienced with this equipment?	
☑	☐	☐	• Is the operator 21 years of age or more?	

Yes	No	NA	Requirement	Comments
☐	☐	☐	PPE Required for Drill Rig Exclusion Zone	
☐	☐	☐	• Hardhat	
☐	☐	☐	• Safety glasses	
☐	☐	☐	• Work gloves	
☐	☐	☐	• Chemical resistant gloves_____	
☐	☐	☐	• Steel toed Work Boots	
☐	☐	☐	• Chemical resistant Boot Covers	
☐	☐	☐	• Apron	
☐	☐	☐	• Coveralls Tyvek, Saranex, cotton)_____	
☐	☑	☐	Other Hazards	
☐	☐	☑	• Excessive Noise Levels? _____dBA	
☐	☐	☐	• Chemical hazards (Drilling supplies - Sand, bentonite, grout, fuel, etc.)	
☑	☐	☐	- MSDSs available?	
☑	☐	☐	• Will On-site fueling occur	
☑	☐	☐	- Safety cans available?	
☑	☐	☐	- Fire extinguisher (Type/Rating - _____)	

Approved for Use ☑ Yes ☐ No ☐ See Comments

_____
Site Health and Safety Officer

Frank Lowy Tech I
Operator

Equipment Inspection Checklist

Company: TETRATECH NUS

Unit/Serial No#: 812 / 86

Inspection Date: 7 / 28 / 1 **Time:** 7 :30

Equipment Type: KOMATSU EXCAVATOR

Project Name: BRUNSWICK NAS

Project No#: 112G 02063

Yes	No	NA	Requirement	Comments
			Emergency Stop Devices	
☑	☐	☐	• Emergency Stop Devices (At points of operation)	
☑	☐	☐	• Have all emergency shut offs identified been communicated to the field crew?	
☑	☐	☐	• Has a person been designated as the Emergency Stop Device Operator?	
			Highway Use	
☐	☐	☒	• Cab, mirrors, safety glass?	
☐	☐	☒	• Turn signals, lights, brake lights, etc. (front/rear) for equipment approved for highway use?	
☐	☐	☒	• Seat Belts?	
☐	☐	☒	• Is the equipment equipped with audible back-up alarms and back-up lights?	
☐	☐	☒	• Horn and gauges	
☐	☐	☒	• Brake condition (dynamic, park, etc.)	
☐	☐	☒	• Tires (Tread) or tracks	
☐	☐	☒	• Windshield wipers	
☐	☐	☒	• Exhaust system	
☐	☐	☒	• Steering (standard and emergency)	
☐	☐	☒	• Wheel Chocks?	
☐	☐	☒	• Are tools and material secured to prevent movement during transport? Especially those within the cab?	
☐	☐	☒	• Are there flammables or solvents or other prohibited substances stored within the cab?	
☐	☐	☒	• Are tools or debris in the cab that may adversely influence operation of the vehicle (in and around brakes, clutch, gas pedals)	

Yes	No	NA	Requirement	Comments
☑	☐	☐	Fluid Levels:	
☑	☐	☐	• Engine oil	
☑	☐	☐	• Transmission fluid	
☑	☐	☐	• Brake fluid	
☑	☐	☐	• Cooling system fluid	
☑	☐	☐	• Hoses and belts	
☑	☐	☐	• Hydraulic oil	
☐	☑	☐	High Pressure Hydraulic Lines	
☑	☐	☐	• Obvious damage	
☑	☐	☐	• Operator protected from accidental release	
			• Coupling devices, connectors, retention cables/pins are in good condition and in place	
☑	☐	☐	Mast Condition	
☑	☐	☐	• Structural components/tubing	
☑	☐	☐	• Connection points	
☑	☐	☐	• Pins	
☑	☐	☐	• Welds	
☑	☐	☐	• Outriggers	
☑	☐	☐	• Operational	
☑	☐	☐	• Plumb (when raised)	
☐	☐	☑	Hooks	
☐	☐	☐	• Are the hooks equipped with Safety Latches?	
☐	☐	☐	• Does it appear that the hook is showing signs of wear in excess of 10% original dimension?	
☐	☐	☐	• Is there a bend or twist exceeding 10% from the plane of an unbent hook?	
☐	☐	☐	• Increase in throat opening exceeding 15% from new condition	
☐	☐	☐	• Excessive nicks and/or gouges	
☐	☐	☐	• Clips	
☐	☐	☐	• Number of U-Type (Crosby) Clips (cable size 5/16 – 5/8 = 3 clips minimum) (cable size 3/4 – 1 inch = 4 clips minimum) (cable size 1 1/8 – 1 3/8 inch = 5 clips minimum)	

Yes	No	NA	Requirement	Comments
			Power cable and/or hoist cable	
☐	☐	☐	• Reduction in Rope diameter π (5/16 wire rope>1/64 reduction nominal size -replace) (3/8 to 1/2 wire rope>1/32 reduction nominal size-replace) (9/16 to 3/4 wire rope>3/64 reduction nominal size-replace)	
☐	☐	☐	• Number of broken wires (6 randomly broken wires in one rope lay) (3 broken wires in one strand)	
☐	☐	☐	• Number of wire rope wraps left on the Running Drum at nominal use (≥3 required)	
☐	☐	☐	- Lead (primary) sheave is centered on the running drum	
☐	☐	☐	• Lubrication of wire rope (adequate?)	
☐	☐	☐	• Kinks, bends – Flattened to > 50% diameter	
			Hemp/Fiber rope (Cathead/Split Spoon Hammer)	
☐	☐	☐	• Minimum ¾; maximum 1 inch rope diameter (Inspect for physical damage)	
☐	☐	☐	• Rope to hammer is securely fastened	
			Safety Guards –	
☑	☐	☐	• Around rotating apparatus (belts, pulleys, sprockets, spindles, drums, flywheels, chains) all points of operations protected from accidental contact?	
☐	☑	☐	• Hot pipes and surfaces exposed to accidental contact?	
☑	☐	☐	• High pressure lines	
☑	☐	☐	• Nip/pinch points	
			Operator Qualifications	
☑	☐	☐	• Does the operator have proper licensing where applicable, (e.g., CDL)?	
☑	☐	☐	• Does the operator, understand the equipment's operating instructions?	
☑	☐	☐	• Is the operator experienced with this equipment?	
☑	☐	☐	• Is the operator 21 years of age or more?	

Yes	No	NA	Requirement	Comments
☐	☐	☑	PPE Required for Drill Rig Exclusion Zone	
☐	☐	☑	• Hardhat	
☐	☐	☑	• Safety glasses	
☐	☐	☑	• Work gloves	
☐	☐	☑	• Chemical resistant gloves_____	
☐	☐	☑	• Steel toed Work Boots	
☐	☐	☑	• Chemical resistant Boot Covers	
☐	☐	☑	• Apron	
☐	☐	☑	• Coveralls Tyvek, Saranex, cotton)_____	
☐	☑	☐	Other Hazards	
☐	☑	☐	• Excessive Noise Levels? _____dBA	
☑	☐	☐	• Chemical hazards (Drilling supplies - Sand, bentonite, grout, fuel, etc.)	
☑	☐	☐	- MSDSs available?	
☑	☐	☐	• Will On-site fueling occur	
☑	☐	☐	- Safety cans available?	
			- Fire extinguisher (Type/Rating -_____ _)	

Approved for Use ☑ Yes ☐ No ☐ See Comments

_____

Site Health and Safety Officer

_____

Operator

Equipment Inspection Checklist

Company: TETRATECH NUS

Unit/Serial No#: 113 2013

Inspection Date: 7/28/10 **Time:** 7:30

Equipment Type: BOBCAT SKIDSTEER

Project Name: BRUNSWICK NAS

Project No#: 112 002863

Yes	No	NA	Requirement	Comments
			Emergency Stop Devices	
☑	☐	☐	• Emergency Stop Devices (At points of operation)	
☑	☐	☐	• Have all emergency shut offs identified been communicated to the field crew?	
☑	☐	☐	• Has a person been designated as the Emergency Stop Device Operator?	
			Highway Use	
☐	☐	☑	• Cab, mirrors, safety glass?	
☐	☐	☑	• Turn signals, lights, brake lights, etc. (front/rear) for equipment approved for highway use?	
☐	☐	☑	• Seat Belts?	
☐	☐	☑	• Is the equipment equipped with audible back-up alarms and back-up lights?	
☐	☐	☑	• Horn and gauges	
☐	☐	☑	• Brake condition (dynamic, park, etc.)	
☐	☐	☑	• Tires (Tread) or tracks	
☐	☐	☑	• Windshield wipers	
☐	☐	☑	• Exhaust system	
☐	☐	☑	• Steering (standard and emergency)	
☐	☐	☑	• Wheel Chocks?	
☐	☐	☑	• Are tools and material secured to prevent movement during transport? Especially those within the cab?	
☐	☐	☑	• Are there flammables or solvents or other prohibited substances stored within the cab?	
☐	☐	☑	• Are tools or debris in the cab that may adversely influence operation of the vehicle (in and around brakes, clutch, gas pedal)	

Yes	No	NA	Requirement	Comments
☑	☐	☐	Fluid Levels: • Engine oil	
☑	☐	☐	• Transmission fluid	
☑	☐	☐	• Brake fluid	
☑	☐	☐	• Cooling system fluid	
☑	☐	☐	• Hoses and belts	
☑	☐	☐	• Hydraulic oil	
☐	☑	☐	High Pressure Hydraulic Lines • Obvious damage	
☑	☐	☐	• Operator protected from accidental release	
☑	☐	☐	• Coupling devices, connectors, retention cables/pins are in good condition and in place	
☑	☐	☐	Mast Condition • Structural components/tubing	
☑	☐	☐	• Connection points	
☑	☐	☐	• Pins	
☑	☐	☐	• Welds	
☑	☐	☐	• Outriggers	
☑	☐	☐	• Operational	
☑	☐	☐	• Plumb (when raised)	
☐	☐	☑	Hooks • Are the hooks equipped with Safety Latches?	
☐	☐	☑	• Does it appear that the hook is showing signs of wear in excess of 10% original dimension?	
☐	☐	☑	• Is there a bend or twist exceeding 10% from the plane of an unbent hook?	
☐	☐	☑	• Increase in throat opening exceeding 15% from new condition	
☐	☐	☑	• Excessive nicks and/or gouges	
☐	☐	☑	• Clips	
☐	☐	☑	• Number of U-Type (Crosby) Clips (cable size 5/16 – 5/8 = 3 clips minimum) (cable size 3/4 – 1 inch = 4 clips minimum) (cable size 1 1/8 – 1 3/8 inch = 5 clips minimum)	

Yes	No	NA	Requirement	Comments
☐	☐	☐	Power cable and/or hoist cable • Reduction in Rope diameter π (5/16 wire rope>1/64 reduction nominal size -replace) (3/8 to 1/2 wire rope>1/32 reduction nominal size-replace) (9/16 to 3/4 wire rope>3/64 reduction nominal size-replace)	
☐	☐	☐	• Number of broken wires (6 randomly broken wires in one rope lay) (3 broken wires in one strand)	
☐	☐	☐	• Number of wire rope wraps left on the Running Drum at nominal use (≥3 required)	
☐	☐	☐	- Lead (primary) sheave is centered on the running drum	
☐	☐	☐	• Lubrication of wire rope (adequate?)	
☐	☐	☐	• Kinks, bends – Flattened to > 50% diameter	
☐	☐	☐	Hemp/Fiber rope (Cathead/Split Spoon Hammer) • Minimum ¾; maximum 1 inch rope diameter (Inspect for physical damage)	
☐	☐	☐	• Rope to hammer is securely fastened	
☑	☐	☐	Safety Guards – • Around rotating apparatus (belts, pulleys, sprockets, spindles, drums, flywheels, chains) all points of operations protected from accidental contact?	
☑	☑	☐	• Hot pipes and surfaces exposed to accidental contact?	
☑	☐	☐	• High pressure lines	
☑	☐	☐	• Nip/pinch points	
☐	☑	☐	Operator Qualifications • Does the operator have proper licensing where applicable, (e.g., CDL)?	
☑	☐	☐	• Does the operator, understand the equipment's operating instructions?	
☑	☐	☐	• Is the operator experienced with this equipment?	
☑	☐	☐	• Is the operator 21 years of age or more?	

Yes	No	NA	Requirement	Comments
☐	☐	☑	PPE Required for Drill Rig Exclusion Zone	
☐	☐	☐	• Hardhat	
☐	☐	☐	• Safety glasses	
☐	☐	☐	• Work gloves	
☐	☐	☐	• Chemical resistant gloves_____	
☐	☐	☐	• Steel toed Work Boots	
☐	☐	☐	• Chemical resistant Boot Covers	
☐	☐	☐	• Apron	
☐	☐	☐	• Coveralls Tyvek, Saranex, cotton)_____	
☐	☑	☐	Other Hazards	
☐	☑	☐	• Excessive Noise Levels? _____dBA	
☑	☐	☐	• Chemical hazards (Drilling supplies - Sand, bentonite, grout, fuel, etc.)	
☑	☐	☐	- MSDSs available?	
☑	☐	☐	• Will On-site fueling occur	
☑	☐	☐	- Safety cans available?	
☑	☐	☐	- Fire extinguisher (Type/Rating - _____)	

Approved for Use ☑ Yes ☐ No ☐ See Comments

_____
Site Health and Safety Officer

Frank Long Tech I
Operator

Equipment Inspection Checklist

Company: TETRA TECH NUS

Unit/Serial No#: 812186

Inspection Date: 8/2/10 **Time:** 7:30

Equipment Type: KOMATSU EXCAVATOR

Project Name: BRUNSWICK NAS

Project No#: 112G02063

Yes	No	NA	Requirement	Comments
			Emergency Stop Devices	
☑	☐	☐	• Emergency Stop Devices (At points of operation)	
☑	☐	☐	• Have all emergency shut offs identified been communicated to the field crew?	
☑	☐	☐	• Has a person been designated as the Emergency Stop Device Operator?	
			Highway Use	
☐	☐	☐	• Cab, mirrors, safety glass?	
☐	☐	☐	• Turn signals, lights, brake lights, etc. (front/rear) for equipment approved for highway use?	
☐	☐	☐	• Seat Belts?	
☐	☐	☐	• Is the equipment equipped with audible back-up alarms and back-up lights?	
☐	☐	☐	• Horn and gauges	
☐	☐	☐	• Brake condition (dynamic, park, etc.)	
☐	☐	☐	• Tires (Tread) or tracks	
☐	☐	☐	• Windshield wipers	
☐	☐	☐	• Exhaust system	
☐	☐	☐	• Steering (standard and emergency)	
☐	☐	☐	• Wheel Chocks?	
☐	☐	☐	• Are tools and material secured to prevent movement during transport? Especially those within the cab?	
☐	☐	☐	• Are there flammables or solvents or other prohibited substances stored within the cab?	
☐	☐	☐	• Are tools or debris in the cab that may adversely influence operation of the vehicle (in and around brakes, clutch, gas pedals)	

Yes	No	NA	Requirement	Comments
☑	☐	☐	Fluid Levels:	
☑	☐	☐	• Engine oil	
☑	☐	☐	• Transmission fluid	
☑	☐	☐	• Brake fluid	
☑	☐	☐	• Cooling system fluid	
☑	☐	☐	• Hoses and belts	
☑	☐	☐	• Hydraulic oil	
☐	☑	☐	High Pressure Hydraulic Lines	
☑	☐	☐	• Obvious damage	
☑	☐	☐	• Operator protected from accidental release	
			• Coupling devices, connectors, retention cables/pins are in good condition and in place	
☑	☐	☐	Mast Condition	
☑	☐	☐	• Structural components/tubing	
☑	☐	☐	• Connection points	
☑	☐	☐	• Pins	
☑	☐	☐	• Welds	
☑	☐	☐	• Outriggers	
☑	☐	☐	• Operational	
☑	☐	☐	• Plumb (when raised)	
☐	☐	☐	Hooks	
☐	☐	☐	• Are the hooks equipped with Safety Latches?	
☐	☐	☐	• Does it appear that the hook is showing signs of wear in excess of 10% original dimension?	
☐	☐	☐	• Is there a bend or twist exceeding 10% from the plane of an unbent hook?	
☐	☐	☐	• Increase in throat opening exceeding 15% from new condition	
☐	☐	☐	• Excessive nicks and/or gouges	
☐	☐	☐	• Clips	
☐	☐	☐	• Number of U-Type (Crosby) Clips (cable size 5/16 – 5/8 = 3 clips minimum) (cable size 3/4 – 1 inch = 4 clips minimum) (cable size 1 1/8 – 1 3/8 inch = 5 clips minimum)	

Yes	No	NA	Requirement	Comments
☐	☐	☐	Power cable and/or hoist cable • Reduction in Rope diameter π (5/16 wire rope>1/64 reduction nominal size -replace) (3/8 to 1/2 wire rope>1/32 reduction nominal size-replace) (9/16 to 3/4 wire rope>3/64 reduction nominal size-replace)	
☐	☐	☐	• Number of broken wires (6 randomly broken wires in one rope lay) (3 broken wires in one strand)	
☐	☐	☐	• Number of wire rope wraps left on the Running Drum at nominal use (≥3 required)	
☐	☐	☐	- Lead (primary) sheave is centered on the running drum	
☐	☐	☐	• Lubrication of wire rope (adequate?)	
☐	☐	☐	• Kinks, bends – Flattened to > 50% diameter	
☐	☐	☐	Hemp/Fiber rope (Cathead/Split Spoon Hammer) • Minimum ¾; maximum 1 inch rope diameter (Inspect for physical damage)	
☐	☐	☐	• Rope to hammer is securely fastened	
☑	☐	☐	Safety Guards – • Around rotating apparatus (belts, pulleys, sprockets, spindles, drums, flywheels, chains) all points of operations protected from accidental contact?	
☐	☑	☐	• Hot pipes and surfaces exposed to accidental contact?	
☑	☐	☐	• High pressure lines	
☑	☐	☐	• Nip/pinch points	
☐	☐	☐	Operator Qualifications • Does the operator have proper licensing where applicable, (e.g., CDL)?	
☑	☐	☐	• Does the operator, understand the equipment's operating instructions?	
☑	☐	☐	• Is the operator experienced with this equipment?	
☑	☐	☐	• Is the operator 21 years of age or more?	

Yes	No	NA	Requirement	Comments
☐	☐	☐	PPE Required for Drill Rig Exclusion Zone	
☐	☐	☐	• Hardhat	
☐	☐	☐	• Safety glasses	
☐	☐	☐	• Work gloves	
☐	☐	☐	• Chemical resistant gloves_____	
☐	☐	☐	• Steel toed Work Boots	
☐	☐	☐	• Chemical resistant Boot Covers	
☐	☐	☐	• Apron	
☐	☐	☐	• Coveralls Tyvek, Saranex, cotton)_____	
☐	☑	☐	Other Hazards	
☐	☑	☐	• Excessive Noise Levels? _____dBA	
☐	☐	☐	• Chemical hazards (Drilling supplies - Sand, bentonite, grout, fuel, etc.)	
☑	☐	☐	- MSDSs available?	
☑	☐	☐	• Will On-site fueling occur	
☑	☐	☐	- Safety cans available?	
☑	☐	☐	- Fire extinguisher (Type/Rating - _____)	

Approved for Use ☑ Yes ☐ No ☐ See Comments

_____
Site Health and Safety Officer

Franko Loney Tech I
Operator

Equipment Inspection Checklist

Company: TETRA TECH NUS

Unit/Serial No#: 132013

Inspection Date: 8 / 2 / 10 **Time:** 7 : 20

Equipment Type: BOB CAT SKIDSTEER

Project Name: BRUNSWICK NAS

Project No#: 112G02063

Yes	No	NA	Requirement	Comments
			Emergency Stop Devices	
☑	☐	☐	• Emergency Stop Devices (At points of operation)	
☑	☐	☐	• Have all emergency shut offs identified been communicated to the field crew?	
☑	☐	☐	• Has a person been designated as the Emergency Stop Device Operator?	
			Highway Use	
☐	☐	☐	• Cab, mirrors, safety glass?	
☐	☐	☐	• Turn signals, lights, brake lights, etc. (front/rear) for equipment approved for highway use?	
☐	☐	☐	• Seat Belts?	
☐	☐	☐	• Is the equipment equipped with audible back-up alarms and back-up lights?	
☐	☐	☐	• Horn and gauges	
☐	☐	☐	• Brake condition (dynamic, park, etc.)	
☐	☐	☐	• Tires (Tread) or tracks	
☐	☐	☐	• Windshield wipers	
☐	☐	☐	• Exhaust system	
☐	☐	☐	• Steering (standard and emergency)	
☐	☐	☐	• Wheel Chocks?	
☐	☐	☐	• Are tools and material secured to prevent movement during transport? Especially those within the cab?	
☐	☐	☐	• Are there flammables or solvents or other prohibited substances stored within the cab?	
☐	☐	☐	• Are tools or debris in the cab that may adversely influence operation of the vehicle (in and around brakes, clutch, gas pedals)	

Yes	No	NA	Requirement	Comments
☑	☐	☐	Fluid Levels:	
☑	☐	☐	• Engine oil	
☑	☐	☐	• Transmission fluid	
☑	☐	☐	• Brake fluid	
☑	☐	☐	• Cooling system fluid	
☑	☐	☐	• Hoses and belts	
☑	☐	☐	• Hydraulic oil	
☐	☑	☐	High Pressure Hydraulic Lines	
☑	☐	☐	• Obvious damage	
☑	☐	☐	• Operator protected from accidental release	
			• Coupling devices, connectors, retention cables/pins are in good condition and in place	
☑	☐	☐	Mast Condition	
☑	☐	☐	• Structural components/tubing	
☑	☐	☐	• Connection points	
☑	☐	☐	• Pins	
☑	☐	☐	• Welds	
☑	☐	☐	• Outriggers	
☑	☐	☐	• Operational	
☑	☐	☐	• Plumb (when raised)	
☐	☐	☐	Hooks	
☐	☐	☐	• Are the hooks equipped with Safety Latches?	
☐	☐	☐	• Does it appear that the hook is showing signs of wear in excess of 10% original dimension?	
☐	☐	☐	• Is there a bend or twist exceeding 10% from the plane of an unbent hook?	
☐	☐	☐	• Increase in throat opening exceeding 15% from new condition	
☐	☐	☐	• Excessive nicks and/or gouges	
☐	☐	☐	• Clips	
☐	☐	☐	• Number of U-Type (Crosby) Clips (cable size 5/16 – 5/8 = 3 clips minimum) (cable size 3/4 – 1 inch = 4 clips minimum) (cable size 1 1/8 – 1 3/8 inch = 5 clips minimum)	

Yes	No	NA	Requirement	Comments
☐	☐	☐	Power cable and/or hoist cable • Reduction in Rope diameter π (5/16 wire rope>1/64 reduction nominal size -replace) (3/8 to 1/2 wire rope>1/32 reduction nominal size-replace) (9/16 to 3/4 wire rope>3/64 reduction nominal size-replace)	
☐	☐	☐	• Number of broken wires (6 randomly broken wires in one rope lay) (3 broken wires in one strand)	
☐	☐	☐	• Number of wire rope wraps left on the Running Drum at nominal use (≥3 required)	
☐	☐	☐	- Lead (primary) sheave is centered on the running drum	
☐	☐	☐	• Lubrication of wire rope (adequate?)	
☐	☐	☐	• Kinks, bends – Flattened to > 50% diameter	
☐	☐	☐	Hemp/Fiber rope (Cathead/Split Spoon Hammer) • Minimum ¾; maximum 1 inch rope diameter (Inspect for physical damage)	
☐	☐	☐	• Rope to hammer is securely fastened	
☑	☐	☐	Safety Guards – • Around rotating apparatus (belts, pulleys, sprockets, spindles, drums, flywheels, chains) all points of operations protected from accidental contact?	
☐	☑	☐	• Hot pipes and surfaces exposed to accidental contact?	
☑	☐	☐	• High pressure lines	
☑	☐	☐	• Nip/pinch points	
☐	☐	☐	Operator Qualifications • Does the operator have proper licensing where applicable, (e.g., CDL)?	
☑	☐	☐	• Does the operator, understand the equipment's operating instructions?	
☑	☐	☐	• Is the operator experienced with this equipment?	
☑	☐	☐	• Is the operator 21 years of age or more?	

Yes	No	NA	Requirement	Comments
☐	☐	☐	PPE Required for Drill Rig Exclusion Zone	
☐	☐	☐	• Hardhat	
☐	☐	☐	• Safety glasses	
☐	☐	☐	• Work gloves	
☐	☐	☐	• Chemical resistant gloves_____	
☐	☐	☐	• Steel toed Work Boots	
☐	☐	☐	• Chemical resistant Boot Covers	
☐	☐	☐	• Apron	
☐	☐	☐	• Coveralls Tyvek, Saranex, cotton)_____	
☐	☑	☐	Other Hazards	
☐	☑	☐	• Excessive Noise Levels? _____dBA	
☑	☐	☐	• Chemical hazards (Drilling supplies - Sand, bentonite, grout, fuel, etc.)	
☑	☐	☐	- MSDSs available?	
☑	☐	☐	• Will On-site fueling occur	
☑	☐	☐	- Safety cans available?	
			- Fire extinguisher (Type/Rating - _____ _____)	

Approved for Use ☑ Yes ☐ No ☐ See Comments

_____
Site Health and Safety Officer

Marks Long Tech I
Operator

Equipment Inspection Checklist

Company: TETRA TECH NUS

Unit/Serial No#: 112013

Inspection Date: 8 / 13 / 10 **Time:** 7 : 00

Equipment Type: BOB CAT SKID STEER

Project Name: BRUNSWICK NAS

Project No#: 112G02063

Yes	No	NA	Requirement	Comments
			Emergency Stop Devices	
☑	☐	☐	• Emergency Stop Devices (At points of operation)	
☑	☐	☐	• Have all emergency shut offs identified been communicated to the field crew?	
☑	☐	☐	• Has a person been designated as the Emergency Stop Device Operator?	
			Highway Use	
☐	☐	☐	• Cab, mirrors, safety glass?	
☐	☐	☐	• Turn signals, lights, brake lights, etc. (front/rear) for equipment approved for highway use?	
☐	☐	☐	• Seat Belts?	
☐	☐	☐	• Is the equipment equipped with audible back-up alarms and back-up lights?	
☐	☐	☐	• Horn and gauges	
☐	☐	☐	• Brake condition (dynamic, park, etc.)	
☐	☐	☐	• Tires (Tread) or tracks	
☐	☐	☐	• Windshield wipers	
☐	☐	☐	• Exhaust system	
☐	☐	☐	• Steering (standard and emergency)	
☐	☐	☐	• Wheel Chocks?	
☐	☐	☐	• Are tools and material secured to prevent movement during transport? Especially those within the cab?	
☐	☐	☐	• Are there flammables or solvents or other prohibited substances stored within the cab?	
☐	☐	☐	• Are tools or debris in the cab that may adversely influence operation of the vehicle (in and around brakes, clutch, gas pedals)	

Yes	No	NA	Requirement	Comments
☑	☐	☐	Fluid Levels: • Engine oil	
☑	☐	☐	• Transmission fluid	
☑	☐	☐	• Brake fluid	
☑	☐	☐	• Cooling system fluid	
☑	☐	☐	• Hoses and belts	
☑	☐	☐	• Hydraulic oil	
☐	☑	☐	High Pressure Hydraulic Lines • Obvious damage	
☑	☐	☐	• Operator protected from accidental release	
☑	☐	☐	• Coupling devices, connectors, retention cables/pins are in good condition and in place	
☐	☐	☐	Mast Condition • Structural components/tubing	
☑	☐	☐	• Connection points	
☑	☐	☐	• Pins	
☑	☐	☐	• Welds	
☑	☐	☐	• Outriggers	
☑	☐	☐	• Operational	
☑	☐	☐	• Plumb (when raised)	
☐	☐	☑	Hooks • Are the hooks equipped with Safety Latches?	
☐	☐	☑	• Does it appear that the hook is showing signs of wear in excess of 10% original dimension?	
☐	☐	☑	• Is there a bend or twist exceeding 10% from the plane of an unbent hook?	
☐	☐	☑	• Increase in throat opening exceeding 15% from new condition	
☐	☐	☑	• Excessive nicks and/or gouges	
☐	☐	☑	• Clips	
☐	☐	☑	• Number of U-Type (Crosby) Clips (cable size 5/16 – 5/8 = 3 clips minimum) (cable size 3/4 – 1 inch = 4 clips minimum) (cable size 1 1/8 – 1 3/8 inch = 5 clips minimum)	

Yes	No	NA	Requirement	Comments
☐	☐	☐	Power cable and/or hoist cable • Reduction in Rope diameter π (5/16 wire rope>1/64 reduction nominal size -replace) (3/8 to 1/2 wire rope>1/32 reduction nominal size-replace) (9/16 to 3/4 wire rope>3/64 reduction nominal size-replace)	
☐	☐	☐	• Number of broken wires (6 randomly broken wires in one rope lay) (3 broken wires in one strand)	
☐	☐	☐	• Number of wire rope wraps left on the Running Drum at nominal use (≥3 required)	
☐	☐	☐	- Lead (primary) sheave is centered on the running drum	
☐	☐	☐	• Lubrication of wire rope (adequate?)	
☐	☐	☐	• Kinks, bends – Flattened to > 50% diameter	
☐	☐	☐	Hemp/Fiber rope (Cathead/Split Spoon Hammer) • Minimum ¾; maximum 1 inch rope diameter (Inspect for physical damage)	
☐	☐	☐	• Rope to hammer is securely fastened	
☑	☐	☐	Safety Guards – • Around rotating apparatus (belts, pulleys, sprockets, spindles, drums, flywheels, chains) all points of operations protected from accidental contact?	
☐	☑	☐	• Hot pipes and surfaces exposed to accidental contact?	
☑	☐	☐	• High pressure lines	
☑	☐	☐	• Nip/pinch points	
☐	☑	☐	Operator Qualifications • Does the operator have proper licensing where applicable, (e.g., CDL)?	
☑	☐	☐	• Does the operator, understand the equipment's operating instructions?	
☑	☐	☐	• Is the operator experienced with this equipment?	
☑	☐	☐	• Is the operator 21 years of age or more?	

Yes	No	NA	Requirement	Comments
☐	☐	☐	PPE Required for Drill Rig Exclusion Zone	
☐	☐	☐	• Hardhat	
☐	☐	☐	• Safety glasses	
☐	☐	☐	• Work gloves	
☐	☐	☐	• Chemical resistant gloves_____	
☐	☐	☐	• Steel toed Work Boots	
☐	☐	☐	• Chemical resistant Boot Covers	
☐	☐	☐	• Apron	
☐	☐	☐	• Coveralls Tyvek, Saranex, cotton)_____	
☐	☑	☐	Other Hazards	
☐	☑	☐	• Excessive Noise Levels? _____dBA	
☐	☐	☐	• Chemical hazards (Drilling supplies - Sand, bentonite, grout, fuel, etc.)	
☑	☐	☐	- MSDSs available?	
☑	☐	☐	• Will On-site fueling occur	
☑	☐	☐	- Safety cans available?	
☑	☐	☐	- Fire extinguisher (Type/Rating - _____)	

Approved for Use ☑ Yes ☐ No ☐ See Comments

_____
Site Health and Safety Officer

_____
Operator

Equipment Inspection Checklist

Company: TETRA TECH NUS

Unit/Serial No#: 812186

Inspection Date: 8 / 13 / 10 **Time:** 7 : 25

Equipment Type: KOMATSU EXCAVATOR

Project Name: BRUNSWICK NAS

Project No#: 112G02063

Yes	No	NA	Requirement	Comments
			Emergency Stop Devices	
☑	☐	☐	• Emergency Stop Devices (At points of operation)	
☑	☐	☐	• Have all emergency shut offs identified been communicated to the field crew?	
☑	☐	☐	• Has a person been designated as the Emergency Stop Device Operator?	
			Highway Use	
☐	☐	☑	• Cab, mirrors, safety glass?	
☐	☐	☑	• Turn signals, lights, brake lights, etc. (front/rear) for equipment approved for highway use?	
☐	☐	☑	• Seat Belts?	
☐	☐	☑	• Is the equipment equipped with audible back-up alarms and back-up lights?	
☐	☐	☑	• Horn and gauges	
☐	☐	☑	• Brake condition (dynamic, park, etc.)	
☐	☐	☑	• Tires (Tread) or tracks	
☐	☐	☑	• Windshield wipers	
☐	☐	☑	• Exhaust system	
☐	☐	☑	• Steering (standard and emergency)	
☐	☐	☑	• Wheel Chocks?	
☐	☐	☑	• Are tools and material secured to prevent movement during transport? Especially those within the cab?	
☐	☐	☑	• Are there flammables or solvents or other prohibited substances stored within the cab?	
☐	☐	☑	• Are tools or debris in the cab that may adversely influence operation of the vehicle (in and around brakes, clutch, gas pedals)	

Yes	No	NA	Requirement	Comments
☑	☐	☐	Fluid Levels:	
☑	☐	☐	• Engine oil	
☑	☐	☐	• Transmission fluid	
☑	☐	☐	• Brake fluid	
☑	☐	☐	• Cooling system fluid	
☑	☐	☐	• Hoses and belts	
☑	☐	☐	• Hydraulic oil	
☐	☑	☐	High Pressure Hydraulic Lines	
☑	☐	☐	• Obvious damage	
☑	☐	☐	• Operator protected from accidental release	
			• Coupling devices, connectors, retention cables/pins are in good condition and in place	
☑	☐	☐	Mast Condition	
☑	☐	☐	• Structural components/tubing	
☑	☐	☐	• Connection points	
☑	☐	☐	• Pins	
☑	☐	☐	• Welds	
☑	☐	☐	• Outriggers	
☑	☐	☐	• Operational	
☑	☐	☐	• Plumb (when raised)	
☐	☐	☑	Hooks	
☐	☐	☑	• Are the hooks equipped with Safety Latches?	
☐	☐	☑	• Does it appear that the hook is showing signs of wear in excess of 10% original dimension?	
☐	☐	☑	• Is there a bend or twist exceeding 10% from the plane of an unbent hook?	
☐	☐	☑	• Increase in throat opening exceeding 15% from new condition	
☐	☐	☑	• Excessive nicks and/or gouges	
☐	☐	☑	• Clips	
☐	☐	☑	• Number of U-Type (Crosby) Clips (cable size 5/16 – 5/8 = 3 clips minimum) (cable size 3/4 – 1 inch = 4 clips minimum) (cable size 1 1/8 – 1 3/8 inch = 5 clips minimum)	

Yes	No	NA	Requirement	Comments
☐	☐	☐	Power cable and/or hoist cable • Reduction in Rope diameter π (5/16 wire rope>1/64 reduction nominal size -replace) (3/8 to 1/2 wire rope>1/32 reduction nominal size-replace) (9/16 to 3/4 wire rope>3/64 reduction nominal size-replace)	
☐	☐	☐	• Number of broken wires (6 randomly broken wires in one rope lay) (3 broken wires in one strand)	
☐	☐	☐	• Number of wire rope wraps left on the Running Drum at nominal use (≥3 required)	
☐	☐	☐	- Lead (primary) sheave is centered on the running drum	
☐	☐	☐	• Lubrication of wire rope (adequate?)	
☐	☐	☐	• Kinks, bends – Flattened to > 50% diameter	
☐	☐	☑	Hemp/Fiber rope (Cathead/Split Spoon Hammer) • Minimum ¾; maximum 1 inch rope diameter (Inspect for physical damage)	
☐	☐	☑	• Rope to hammer is securely fastened	
☑	☐	☐	Safety Guards – • Around rotating apparatus (belts, pulleys, sprockets, spindles, drums, flywheels, chains) all points of operations protected from accidental contact?	
☐	☑	☐	• Hot pipes and surfaces exposed to accidental contact?	
☑	☐	☐	• High pressure lines	
☑	☐	☐	• Nip/pinch points	
☑	☐	☐	Operator Qualifications • Does the operator have proper licensing where applicable, (e.g., CDL)?	
☑	☐	☐	• Does the operator, understand the equipment's operating instructions?	
☑	☐	☐	• Is the operator experienced with this equipment?	
☑	☐	☐	• Is the operator 21 years of age or more?	

Yes	No	NA	Requirement	Comments
☐	☐	☑	PPE Required for Drill Rig Exclusion Zone	
☐	☐	☐	• Hardhat	
☐	☐	☐	• Safety glasses	
☐	☐	☐	• Work gloves	
☐	☐	☐	• Chemical resistant gloves_____	
☐	☐	☐	• Steel toed Work Boots	
☐	☐	☐	• Chemical resistant Boot Covers	
☐	☐	☐	• Apron	
☐	☐	☐	• Coveralls Tyvek, Saranex, cotton)_____	
☐	☑	☐	Other Hazards	
☐	☑	☐	• Excessive Noise Levels? _____dBA	
☑	☐	☐	• Chemical hazards (Drilling supplies - Sand, bentonite, grout, fuel, etc.)	
☑	☐	☐	- MSDSs available?	
☑	☐	☐	• Will On-site fueling occur	
☑	☐	☐	- Safety cans available?	
			- Fire extinguisher (Type/Rating - _____)	

Approved for Use ☑ Yes ☐ No ☐ See Comments

_____
Site Health and Safety Officer

_____
Operator

Equipment Inspection Checklist

Company: TETRA TECH NUS

Unit/Serial No#: WOCX005820

Inspection Date: 8/13/10 **Time:** 7:30

Equipment Type: JOHN DEERE SHREDDER

Project Name: BRUNSWICK NAS

Project No#: 112G02068

Yes	No	NA	Requirement	Comments
			Emergency Stop Devices	
☑	☐	☐	• Emergency Stop Devices (At points of operation)	
☑	☐	☐	• Have all emergency shut offs identified been communicated to the field crew?	
☑	☐	☐	• Has a person been designated as the Emergency Stop Device Operator?	
			Highway Use	
☐	☐	☑	• Cab, mirrors, safety glass?	
☐	☐	☑	• Turn signals, lights, brake lights, etc. (front/rear) for equipment approved for highway use?	
☐	☐	☑	• Seat Belts?	
☐	☐	☑	• Is the equipment equipped with audible back-up alarms and back-up lights?	
☐	☐	☑	• Horn and gauges	
☐	☐	☑	• Brake condition (dynamic, park, etc.)	
☐	☐	☑	• Tires (Tread) or tracks	
☐	☐	☑	• Windshield wipers	
☐	☐	☑	• Exhaust system	
☐	☐	☑	• Steering (standard and emergency)	
☐	☐	☑	• Wheel Chocks?	
☐	☐	☑	• Are tools and material secured to prevent movement during transport? Especially those within the cab?	
☐	☐	☑	• Are there flammables or solvents or other prohibited substances stored within the cab?	
☐	☐	☑	• Are tools or debris in the cab that may adversely influence operation of the vehicle (in and around brakes, clutch, gas pedals)	

Yes	No	NA	Requirement	Comments
☑	☐	☐	Fluid Levels: • Engine oil	
☑	☐	☐	• Transmission fluid	
☑	☐	☐	• Brake fluid	
☑	☐	☐	• Cooling system fluid	
☑	☐	☐	• Hoses and belts	
☑	☐	☐	• Hydraulic oil	
☐	☑	☐	High Pressure Hydraulic Lines • Obvious damage	
☑	☐	☐	• Operator protected from accidental release	
☑	☐	☐	• Coupling devices, connectors, retention cables/pins are in good condition and in place	
☑	☐	☐	Mast Condition • Structural components/tubing	
☑	☐	☐	• Connection points	
☑	☐	☐	• Pins	
☑	☐	☐	• Welds	
☑	☐	☐	• Outriggers	
☑	☐	☐	• Operational	
☑	☐	☐	• Plumb (when raised)	
☐	☐	☑	Hooks • Are the hooks equipped with Safety Latches?	
☐	☐	☑	• Does it appear that the hook is showing signs of wear in excess of 10% original dimension?	
☐	☐	☑	• Is there a bend or twist exceeding 10% from the plane of an unbent hook?	
☐	☐	☑	• Increase in throat opening exceeding 15% from new condition	
☐	☐	☑	• Excessive nicks and/or gouges	
☐	☐	☑	• Clips	
☐	☐	☑	• Number of U-Type (Crosby) Clips (cable size 5/16 – 5/8 = 3 clips minimum) (cable size 3/4 – 1 inch = 4 clips minimum) (cable size 1 1/8 – 1 3/8 inch = 5 clips minimum)	

Yes	No	NA	Requirement	Comments
☐	☐	☐	Power cable and/or hoist cable • Reduction in Rope diameter π (5/16 wire rope>1/64 reduction nominal size -replace) (3/8 to 1/2 wire rope>1/32 reduction nominal size-replace) (9/16 to 3/4 wire rope>3/64 reduction nominal size-replace)	
☐	☐	☐	• Number of broken wires (6 randomly broken wires in one rope lay) (3 broken wires in one strand)	
☐	☐	☐	• Number of wire rope wraps left on the Running Drum at nominal use (≥3 required)	
☐	☐	☐	- Lead (primary) sheave is centered on the running drum	
☐	☐	☐	• Lubrication of wire rope (adequate?)	
☐	☐	☐	• Kinks, bends – Flattened to > 50% diameter	
☐	☐	☐	Hemp/Fiber rope (Cathead/Split Spoon Hammer) • Minimum ¾; maximum 1 inch rope diameter (Inspect for physical damage)	
☐	☐	☐	• Rope to hammer is securely fastened	
☑	☐	☐	Safety Guards – • Around rotating apparatus (belts, pulleys, sprockets, spindles, drums, flywheels, chains) all points of operations protected from accidental contact?	
☑	☐	☐	• Hot pipes and surfaces exposed to accidental contact?	
☑	☐	☐	• High pressure lines	
☑	☐	☐	• Nip/pinch points	
☐	☑	☐	Operator Qualifications • Does the operator have proper licensing where applicable, (e.g., CDL)?	
☑	☐	☐	• Does the operator, understand the equipment's operating instructions?	
☑	☐	☐	• Is the operator experienced with this equipment?	
☑	☐	☐	• Is the operator 21 years of age or more?	

Yes	No	NA	Requirement	Comments
☐	☐	☑	PPE Required for Drill Rig Exclusion Zone	
☐	☐	☑	• Hardhat	
☐	☐	☑	• Safety glasses	
☐	☐	☑	• Work gloves	
☐	☐	☑	• Chemical resistant gloves_____	
☐	☐	☑	• Steel toed Work Boots	
☐	☐	☑	• Chemical resistant Boot Covers	
☐	☐	☑	• Apron	
☐	☐	☑	• Coveralls Tyvek, Saranex, cotton)_____	
☐	☑	☐	Other Hazards	
☐	☑	☐	• Excessive Noise Levels? _____dBA	
☐	☐	☐	• Chemical hazards (Drilling supplies - Sand, bentonite, grout, fuel, etc.)	
☑	☐	☐	- MSDSs available?	
☑	☐	☐	• Will On-site fueling occur	
☑	☐	☐	- Safety cans available?	
☑	☐	☐	- Fire extinguisher (Type/Rating - _____ _)	

Approved for Use ☑ Yes ☐ No ☐ See Comments

_____
Site Health and Safety Officer

_____
Operator

Equipment Inspection Checklist

Company: TETRA TECH NUS

Unit/Serial No#: W8300 CX005820

Inspection Date: 8/4/10 **Time:** 8:10

Equipment Type: JOHN DEERE SHREDDER

Project Name: BRUNSWICK NAS

Project No#: 112G02063

Yes	No	NA	Requirement	Comments
			Emergency Stop Devices	
☑	☐	☐	• Emergency Stop Devices (At points of operation)	
☑	☐	☐	• Have all emergency shut offs identified been communicated to the field crew?	
☑	☐	☐	• Has a person been designated as the Emergency Stop Device Operator?	
			Highway Use	
☐	☐	☐	• Cab, mirrors, safety glass?	
☐	☐	☐	• Turn signals, lights, brake lights, etc. (front/rear) for equipment approved for highway use?	
☐	☐	☐	• Seat Belts?	
☐	☐	☐	• Is the equipment equipped with audible back-up alarms and back-up lights?	
☐	☐	☐	• Horn and gauges	
☐	☐	☐	• Brake condition (dynamic, park, etc.)	
☐	☐	☐	• Tires (Tread) or tracks	
☐	☐	☐	• Windshield wipers	
☐	☐	☐	• Exhaust system	
☐	☐	☐	• Steering (standard and emergency)	
☐	☐	☐	• Wheel Chocks?	
☐	☐	☐	• Are tools and material secured to prevent movement during transport? Especially those within the cab?	
☐	☐	☐	• Are there flammables or solvents or other prohibited substances stored within the cab?	
☐	☐	☐	• Are tools or debris in the cab that may adversely influence operation of the vehicle (in and around brakes, clutch, gas pedals)	

Yes	No	NA	Requirement	Comments
☑	☐	☐	Fluid Levels:	
☑	☐	☐	• Engine oil	
☑	☐	☐	• Transmission fluid	
☑	☐	☐	• Brake fluid	
☑	☐	☐	• Cooling system fluid	
☑	☐	☐	• Hoses and belts	
☑	☐	☐	• Hydraulic oil	
☐	☑	☐	High Pressure Hydraulic Lines	
☑	☐	☐	• Obvious damage	
☑	☐	☐	• Operator protected from accidental release	
			• Coupling devices, connectors, retention cables/pins are in good condition and in place	
☑	☐	☐	Mast Condition	
☑	☐	☐	• Structural components/tubing	
☑	☐	☐	• Connection points	
☑	☐	☐	• Pins	
☑	☐	☐	• Welds	
☑	☐	☐	• Outriggers	
☑	☐	☐	• Operational	
☑	☐	☐	• Plumb (when raised)	
☐	☐	☑	Hooks	
☐	☐	☑	• Are the hooks equipped with Safety Latches?	
☐	☐	☑	• Does it appear that the hook is showing signs of wear in excess of 10% original dimension?	
☐	☐	☑	• Is there a bend or twist exceeding 10% from the plane of an unbent hook?	
☐	☐	☑	• Increase in throat opening exceeding 15% from new condition	
☐	☐	☑	• Excessive nicks and/or gouges	
☐	☐	☑	• Clips	
☐	☐	☑	• Number of U-Type (Crosby) Clips (cable size 5/16 – 5/8 = 3 clips minimum) (cable size 3/4 – 1 inch = 4 clips minimum) (cable size 1 1/8 – 1 3/8 inch = 5 clips minimum)	

Yes	No	NA	Requirement	Comments
☐	☐	☐	Power cable and/or hoist cable • Reduction in Rope diameter π (5/16 wire rope>1/64 reduction nominal size -replace) (3/8 to 1/2 wire rope>1/32 reduction nominal size-replace) (9/16 to 3/4 wire rope>3/64 reduction nominal size-replace)	
☐	☐	☐	• Number of broken wires (6 randomly broken wires in one rope lay) (3 broken wires in one strand)	
☐	☐	☐	• Number of wire rope wraps left on the Running Drum at nominal use (≥3 required)	
☐	☐	☐	- Lead (primary) sheave is centered on the running drum	
☐	☐	☐	• Lubrication of wire rope (adequate?)	
☐	☐	☐	• Kinks, bends – Flattened to > 50% diameter	
☐	☐	☐	Hemp/Fiber rope (Cathead/Split Spoon Hammer) • Minimum ¾; maximum 1 inch rope diameter (Inspect for physical damage)	
☐	☐	☐	• Rope to hammer is securely fastened	
☑	☐	☐	Safety Guards – • Around rotating apparatus (belts, pulleys, sprockets, spindles, drums, flywheels, chains) all points of operations protected from accidental contact?	
☐	☑	☐	• Hot pipes and surfaces exposed to accidental contact?	
☑	☐	☐	• High pressure lines	
☑	☐	☐	• Nip/pinch points	
☐	☑	☐	Operator Qualifications • Does the operator have proper licensing where applicable, (e.g., CDL)?	
☑	☐	☐	• Does the operator, understand the equipment's operating instructions?	
☑	☐	☐	• Is the operator experienced with this equipment?	
☑	☐	☐	• Is the operator 21 years of age or more?	

Yes	No	NA	Requirement	Comments
☐	☐	☐	PPE Required for Drill Rig Exclusion Zone	
☐	☐	☐	• Hardhat	
☐	☐	☐	• Safety glasses	
☐	☐	☐	• Work gloves	
☐	☐	☐	• Chemical resistant gloves_____	
☐	☐	☐	• Steel toed Work Boots	
☐	☐	☐	• Chemical resistant Boot Covers	
☐	☐	☐	• Apron	
☐	☐	☐	• Coveralls Tyvek, Saranex, cotton)_____	
☐	☑	☐	Other Hazards	
☐	☑	☐	• Excessive Noise Levels? _____dBA	
☑	☐	☐	• Chemical hazards (Drilling supplies - Sand, bentonite, grout, fuel, etc.)	
☑	☐	☐	- MSDSs available?	
☑	☐	☐	• Will On-site fueling occur	
☑	☐	☐	- Safety cans available?	
☑	☐	☐	- Fire extinguisher (Type/Rating - _____)	

Approved for Use ☑ Yes ☐ No ☑ See Comments

_____ Frank Lowey Tech I

Site Health and Safety Officer Operator

front left wheel lock was frozen & then began leaking again. We checked fluid level, still O.K. -

Equipment Inspection Checklist

Company: TETRATECH/NUS

Unit/Serial No#:

Inspection Date: 10 / 22 / 11 **Time:** 07:40

Equipment Type: John Deere / brush hog

Project Name: FORMER BRUNSWICK NAS

Project No#:

Yes	No	NA	Requirement	Comments
			Emergency Stop Devices	
☐	☐	☑	• Emergency Stop Devices (At points of operation)	
☐	☐	☑	• Have all emergency shut offs identified been communicated to the field crew?	
☐	☐	☑	• Has a person been designated as the Emergency Stop Device Operator?	
			Highway Use	
☐	☐	☑	• Cab, mirrors, safety glass?	
☐	☐	☑	• Turn signals, lights, brake lights, etc. (front/rear) for equipment approved for highway use?	
☑	☐	☐	• Seat Belts?	
☐	☑	☐	• Is the equipment equipped with audible back-up alarms and back-up lights?	
☑	☐	☐	• Horn and gauges	
☑	☐	☐	• Brake condition (dynamic, park, etc.)	
☑	☐	☐	• Tires (Tread) or tracks	
☐	☐	☑	• Windshield wipers	
☑	☐	☐	• Exhaust system	
☑	☐	☐	• Steering (standard and emergency)	
☐	☐	☑	• Wheel Chocks?	
☐	☐	☑	• Are tools and material secured to prevent movement during transport? Especially those within the cab?	
☐	☐	☑	• Are there flammables or solvents or other prohibited substances stored within the cab?	
☐	☐	☑	• Are tools or debris in the cab that may adversely influence operation of the vehicle (in and around brakes, clutch, gas pedals)	

Yes	No	NA	Requirement	Comments
☑	☐	☐	Fluid Levels:	
☑	☐	☐	• Engine oil	
☑	☐	☐	• Transmission fluid	
☑	☐	☐	• Brake fluid	
☑	☐	☐	• Cooling system fluid	
☑	☐	☐	• Hoses and belts	
☑	☐	☐	• Hydraulic oil	
☐	☑	☐	High Pressure Hydraulic Lines	
☑	☐	☐	• Obvious damage	
☑	☐	☐	• Operator protected from accidental release	
			• Coupling devices, connectors, retention cables/pins are in good condition and in place	
☐	☐	☑	Mast Condition	
☐	☐	☑	• Structural components/tubing	
☐	☐	☑	• Connection points	
☐	☐	☑	• Pins	
☐	☐	☑	• Welds	
☐	☐	☑	• Outriggers	
☐	☐	☑	• Operational	
☐	☐	☑	• Plumb (when raised)	
☐	☐	☑	Hooks	
☐	☐	☑	• Are the hooks equipped with Safety Latches?	
☐	☐	☑	• Does it appear that the hook is showing signs of wear in excess of 10% original dimension?	
☐	☐	☑	• Is there a bend or twist exceeding 10% from the plane of an unbent hook?	
☐	☐	☑	• Increase in throat opening exceeding 15% from new condition	
☐	☐	☑	• Excessive nicks and/or gouges	
☐	☐	☑	• Clips	
☐	☐	☑	• Number of U-Type (Crosby) Clips (cable size 5/16 – 5/8 = 3 clips minimum) (cable size 3/4 – 1 inch = 4 clips minimum) (cable size 1 1/8 – 1 3/8 inch = 5 clips minimum)	

Yes	No	NA	Requirement	Comments
			Power cable and/or hoist cable	
☐	☐	☑	• Reduction in Rope diameter π (5/16 wire rope>1/64 reduction nominal size -replace) (3/8 to 1/2 wire rope>1/32 reduction nominal size-replace) (9/16 to 3/4 wire rope>3/64 reduction nominal size-replace)	
☐	☐	☑	• Number of broken wires (6 randomly broken wires in one rope lay) (3 broken wires in one strand)	
☐	☐	☑	• Number of wire rope wraps left on the Running Drum at nominal use (≥3 required)	
☐	☐	☑	- Lead (primary) sheave is centered on the running drum	
☐	☐	☑	• Lubrication of wire rope (adequate?)	
☐	☐	☑	• Kinks, bends – Flattened to > 50% diameter	
			Hemp/Fiber rope (Cathead/Split Spoon Hammer)	
☐	☐	☑	• Minimum ¾; maximum 1 inch rope diameter (Inspect for physical damage)	
☐	☐	☑	• Rope to hammer is securely fastened	
			Safety Guards –	
☐	☐	☑	• Around rotating apparatus (belts, pulleys, sprockets, spindles, drums, flywheels, chains) all points of operations protected from accidental contact?	
☑	☐	☐	• Hot pipes and surfaces exposed to accidental contact?	
☑	☐	☐	• High pressure lines	
☑	☐	☐	• Nip/pinch points	
			Operator Qualifications	
☐	☐	☑	• Does the operator have proper licensing where applicable, (e.g., CDL)?	
☑	☐	☐	• Does the operator, understand the equipment's operating instructions?	
☑	☐	☐	• Is the operator experienced with this equipment?	
☑	☐	☐	• Is the operator 21 years of age or more?	

Yes	No	NA	Requirement	Comments
☐	☐	☑	PPE Required for Drill Rig Exclusion Zone	
☐	☐	☑	• Hardhat	
☐	☐	☑	• Safety glasses	
☐	☐	☑	• Work gloves	
☐	☐	☑	• Chemical resistant gloves_____	
☐	☐	☑	• Steel toed Work Boots	
☐	☐	☑	• Chemical resistant Boot Covers	
☐	☐	☑	• Apron	
☐	☐	☑	• Coveralls Tyvek, Saranex, cotton)_____	
☐	☑	☐	Other Hazards	
☐	☐	☑	• Excessive Noise Levels? _____dBA	
☐	☐	☐	• Chemical hazards (Drilling supplies - Sand, bentonite, grout, fuel, etc.)	
☑	☐	☐	- MSDSs available?	
☑	☐	☐	• Will On-site fueling occur	
☑	☐	☐	- Safety cans available?	
			- Fire extinguisher (Type/Rating -_____ _)	

Approved for Use ☒ Yes ☐ No ☐ See Comments

_____ _____

Site Health and Safety Officer Operator

Equipment Inspection Checklist

Company: _____ **Unit/Serial No#:** _____

Inspection Date: 10 / 23 / 2011 **Time:** 07 : 30 **Equipment Type:** John Deere / Brushhog

Project Name: Burwick NAS **Project No#:** _____

Yes	No	NA	Requirement	Comments
			Emergency Stop Devices	
☐	☐	☑	• Emergency Stop Devices (At points of operation)	
☐	☐	☑	• Have all emergency shut offs identified been communicated to the field crew?	
☐	☐	☑	• Has a person been designated as the Emergency Stop Device Operator?	
			Highway Use	
☐	☐	☑	• Cab, mirrors, safety glass?	
☑	☐	☐	• Turn signals, lights, brake lights, etc. (front/rear) for equipment approved for highway use?	
☑	☐	☐	• Seat Belts?	
☐	☐	☑	• Is the equipment equipped with audible back-up alarms and back-up lights?	
☑	☐	☐	• Horn and gauges	
☑	☐	☐	• Brake condition (dynamic, park, etc.)	
☑	☐	☐	• Tires (Tread) or tracks	
☑	☐	☐	• Windshield wipers	
☑	☐	☐	• Exhaust system	
☑	☐	☐	• Steering (standard and emergency)	
☑	☐	☑	• Wheel Chocks?	
☐	☐	☑	• Are tools and material secured to prevent movement during transport? Especially those within the cab?	
☐	☐	☑	• Are there flammables or solvents or other prohibited substances stored within the cab?	
☐	☐	☑	• Are tools or debris in the cab that may adversely influence operation of the vehicle (in and around brakes, clutch, gas pedals)	

Yes	No	NA	Requirement	Comments
☑	☐	☐	Fluid Levels:	
☑	☐	☐	• Engine oil	
☑	☐	☐	• Transmission fluid	
☑	☐	☐	• Brake fluid	
☑	☐	☐	• Cooling system fluid	
☑	☐	☐	• Hoses and belts	
☑	☐	☐	• Hydraulic oil	
☐	☑	☐	High Pressure Hydraulic Lines	
☑	☐	☐	• Obvious damage	
☐	☐	☑	• Operator protected from accidental release	
			• Coupling devices, connectors, retention cables/pins are in good condition and in place	
☐	☐	☑	Mast Condition	
☐	☐	☑	• Structural components/tubing	
☐	☐	☑	• Connection points	
☐	☐	☑	• Pins	
☐	☐	☑	• Welds	
☐	☐	☑	• Outriggers	
☐	☐	☑	• Operational	
☐	☐	☑	• Plumb (when raised)	
☐	☐	☑	Hooks	
☐	☐	☑	• Are the hooks equipped with Safety Latches?	
			• Does it appear that the hook is showing signs of wear in excess of 10% original dimension?	
☐	☐	☑	• Is there a bend or twist exceeding 10% from the plane of an unbent hook?	
☐	☐	☑	• Increase in throat opening exceeding 15% from new condition	
☐	☐	☑	• Excessive nicks and/or gouges	
☐	☐	☑	• Clips	
☐	☐	☑	• Number of U-Type (Crosby) Clips (cable size 5/16 – 5/8 = 3 clips minimum) (cable size 3/4 – 1 inch = 4 clips minimum) (cable size 1 1/8 – 1 3/8 inch = 5 clips minimum)	

Yes	No	NA	Requirement	Comments
			Power cable and/or hoist cable	
☐	☐	☑	• Reduction in Rope diameter π (5/16 wire rope>1/64 reduction nominal size -replace) (3/8 to 1/2 wire rope>1/32 reduction nominal size-replace) (9/16 to 3/4 wire rope>3/64 reduction nominal size-replace)	
☐	☐	☑	• Number of broken wires (6 randomly broken wires in one rope lay) (3 broken wires in one strand)	
☐	☐	☑	• Number of wire rope wraps left on the Running Drum at nominal use (≥3 required)	
☐	☐	☑	- Lead (primary) sheave is centered on the running drum	
☐	☐	☑	• Lubrication of wire rope (adequate?)	
☐	☐	☑	• Kinks, bends – Flattened to > 50% diameter	
			Hemp/Fiber rope (Cathead/Split Spoon Hammer)	
☐	☐	☑	• Minimum ¾; maximum 1 inch rope diameter (Inspect for physical damage)	
☐	☐	☑	• Rope to hammer is securely fastened	
			Safety Guards –	
☐	☐	☑	• Around rotating apparatus (belts, pulleys, sprockets, spindles, drums, flywheels, chains) all points of operations protected from accidental contact?	
☑	☐	☐	• Hot pipes and surfaces exposed to accidental contact?	
☑	☐	☐	• High pressure lines	
☑	☐	☐	• Nip/pinch points	
			Operator Qualifications	
☐	☐	☑	• Does the operator have proper licensing where applicable, (e.g., CDL)?	
☑	☐	☐	• Does the operator, understand the equipment's operating instructions?	
☑	☐	☐	• Is the operator experienced with this equipment?	
☑	☐	☐	• Is the operator 21 years of age or more?	

Yes	No	NA	Requirement	Comments
			PPE Required for Drill Rig Exclusion Zone	
☐	☐	☑	• Hardhat	
☑	☐	☐	• Safety glasses	
☑	☐	☐	• Work gloves	
☐	☐	☑	• Chemical resistant gloves________________	
☐	☐	☑	• Steel toed Work Boots	
☐	☐	☑	• Chemical resistant Boot Covers	
☐	☐	☑	• Apron	
☐	☐	☑	• Coveralls Tyvek, Saranex, cotton)________________	
			Other Hazards	
☐	☑	☐	• Excessive Noise Levels? __________dBA	
☐	☑	☐	• Chemical hazards (Drilling supplies - Sand, bentonite, grout, fuel, etc.)	
☐	☐	☑	- MSDSs available?	
☑	☐	☐	• Will On-site fueling occur	
☑	☐	☐	- Safety cans available?	
☑	☐	☐	- Fire extinguisher (Type/Rating -______________)	

Approved for Use ☒ Yes ☐ No ☐ See Comments

____
Site Health and Safety Officer

____
Operator

Equipment Inspection Checklist

Company: Tetra Tech/NUS

Unit/Serial No#:

Inspection Date: 10 / 24 / 2011 **Time:** 07 : 30

Equipment Type: John Deere/brush hog

Project Name: Brunswick NAS

Project No#:

Yes	No	NA	Requirement	Comments
			Emergency Stop Devices	
☐	☐	☑	• Emergency Stop Devices (At points of operation)	
☐	☐	☑	• Have all emergency shut offs identified been communicated to the field crew?	
☐	☐	☑	• Has a person been designated as the Emergency Stop Device Operator?	
			Highway Use	
☐	☐	☑	• Cab, mirrors, safety glass?	
☑	☐	☐	• Turn signals, lights, brake lights, etc. (front/rear) for equipment approved for highway use?	
☑	☐	☐	• Seat Belts?	
☐	☐	☑	• Is the equipment equipped with audible back-up alarms and back-up lights?	
☑	☐	☐	• Horn and gauges	
☑	☐	☐	• Brake condition (dynamic, park, etc.)	
☑	☐	☐	• Tires (Tread) or tracks	
☑	☐	☐	• Windshield wipers	
☑	☐	☐	• Exhaust system	
☑	☐	☐	• Steering (standard and emergency)	
☑	☐	☐	• Wheel Chocks?	
☐	☐	☑	• Are tools and material secured to prevent movement during transport? Especially those within the cab?	
☐	☐	☑	• Are there flammables or solvents or other prohibited substances stored within the cab?	
☐	☐	☑	• Are tools or debris in the cab that may adversely influence operation of the vehicle (in and around brakes, clutch, gas pedals)	

Yes	No	NA	Requirement	Comments
☑	☐	☐	Fluid Levels: • Engine oil	
☑	☐	☐	• Transmission fluid	
☑	☐	☐	• Brake fluid	
☑	☐	☐	• Cooling system fluid	
☑	☐	☐	• Hoses and belts	
☑	☐	☐	• Hydraulic oil	
☐	☐	☑	High Pressure Hydraulic Lines • Obvious damage	
☐	☐	☑	• Operator protected from accidental release	
☐	☐	☑	• Coupling devices, connectors, retention cables/pins are in good condition and in place	
☐	☐	☑	Mast Condition • Structural components/tubing	
☐	☐	☑	• Connection points	
☐	☐	☑	• Pins	
☐	☐	☑	• Welds	
☐	☐	☑	• Outriggers	
☐	☐	☑	• Operational	
☐	☐	☑	• Plumb (when raised)	
☐	☐	☑	Hooks • Are the hooks equipped with Safety Latches?	
☐	☐	☑	• Does it appear that the hook is showing signs of wear in excess of 10% original dimension?	
☐	☐	☑	• Is there a bend or twist exceeding 10% from the plane of an unbent hook?	
☐	☐	☑	• Increase in throat opening exceeding 15% from new condition	
☐	☐	☑	• Excessive nicks and/or gouges	
☐	☐	☑	• Clips	
☐	☐	☑	• Number of U-Type (Crosby) Clips (cable size 5/16 – 5/8 = 3 clips minimum) (cable size 3/4 – 1 inch = 4 clips minimum) (cable size 1 1/8 – 1 3/8 inch = 5 clips minimum)	

Yes	No	NA	Requirement	Comments
			Power cable and/or hoist cable	
☐	☐	☑	• Reduction in Rope diameter π (5/16 wire rope>1/64 reduction nominal size -replace) (3/8 to 1/2 wire rope>1/32 reduction nominal size-replace) (9/16 to 3/4 wire rope>3/64 reduction nominal size-replace)	
☐	☐	☑	• Number of broken wires (6 randomly broken wires in one rope lay) (3 broken wires in one strand)	
☐	☐	☑	• Number of wire rope wraps left on the Running Drum at nominal use (≥3 required)	
☐	☐	☑	- Lead (primary) sheave is centered on the running drum	
☐	☐	☑	• Lubrication of wire rope (adequate?)	
☐	☐	☑	• Kinks, bends – Flattened to > 50% diameter	
			Hemp/Fiber rope (Cathead/Split Spoon Hammer)	
☐	☐	☑	• Minimum ¾; maximum 1 inch rope diameter (Inspect for physical damage)	
☐	☐	☑	• Rope to hammer is securely fastened	
			Safety Guards –	
☑	☐	☐	• Around rotating apparatus (belts, pulleys, sprockets, spindles, drums, flywheels, chains) all points of operations protected from accidental contact?	
☐	☑	☐	• Hot pipes and surfaces exposed to accidental contact?	
☑	☐	☐	• High pressure lines	
☐	☑	☐	• Nip/pinch points	
			Operator Qualifications	
☐	☐	☑	• Does the operator have proper licensing where applicable, (e.g., CDL)?	
☑	☐	☐	• Does the operator, understand the equipment's operating instructions?	
☑	☐	☐	• Is the operator experienced with this equipment?	
☑	☐	☐	• Is the operator 21 years of age or more?	

Yes	No	NA	Requirement	Comments
			PPE Required for Drill Rig Exclusion Zone	
☐	☑	☐	• Hardhat	
☑	☐	☐	• Safety glasses	
☑	☐	☐	• Work gloves	
☐	☑	☐	• Chemical resistant gloves_____	
☐	☑	☐	• Steel toed Work Boots	
☐	☑	☐	• Chemical resistant Boot Covers	
☐	☑	☐	• Apron	
☐	☑	☐	• Coveralls Tyvek, Saranex, cotton)_____	
			Other Hazards	
☐	☑	☐	• Excessive Noise Levels? _____dBA	
☐	☑	☐	• Chemical hazards (Drilling supplies - Sand, bentonite, grout, fuel, etc.)	
☐	☐	☑	- MSDSs available?	
☑	☐	☐	• Will On-site fueling occur	
☑	☐	☐	- Safety cans available?	
☑	☐	☐	- Fire extinguisher (Type/Rating - _____ _)	

Approved for Use ☒ Yes ☐ No ☐ See Comments

_____ _____

Site Health and Safety Officer Operator

Equipment Inspection Checklist

Company: Tetra Tech / NUS

Unit/Serial No#:

Inspection Date: 10 / 25 / 2011 **Time:** 07:30

Equipment Type: John Deere / Bush hog

Project Name: Former Brunswick NAS

Project No#:

Yes	No	NA	Requirement	Comments
			Emergency Stop Devices	
☐	☐	☑	• Emergency Stop Devices (At points of operation)	
☐	☐	☑	• Have all emergency shut offs identified been communicated to the field crew?	
☐	☐	☑	• Has a person been designated as the Emergency Stop Device Operator?	
			Highway Use	
☐	☐	☑	• Cab, mirrors, safety glass?	
☑	☐	☐	• Turn signals, lights, brake lights, etc. (front/rear) for equipment approved for highway use?	
☑	☐	☐	• Seat Belts?	
☐	☐	☑	• Is the equipment equipped with audible back-up alarms and back-up lights?	
☑	☐	☐	• Horn and gauges	
☑	☐	☐	• Brake condition (dynamic, park, etc.)	
☑	☐	☐	• Tires (Tread) or tracks	
☑	☐	☐	• Windshield wipers	
☑	☐	☐	• Exhaust system	
☑	☐	☐	• Steering (standard and emergency)	
☑	☐	☐	• Wheel Chocks?	
☐	☐	☑	• Are tools and material secured to prevent movement during transport? Especially those within the cab?	
☐	☐	☑	• Are there flammables or solvents or other prohibited substances stored within the cab?	
☐	☐	☑	• Are tools or debris in the cab that may adversely influence operation of the vehicle (in and around brakes, clutch, gas pedals)	

Yes	No	NA	Requirement	Comments
☑	☐	☐	Fluid Levels:	
☑	☐	☐	• Engine oil	
☑	☐	☐	• Transmission fluid	
☑	☐	☐	• Brake fluid	
☑	☐	☐	• Cooling system fluid	
☑	☐	☐	• Hoses and belts	
☑	☐	☐	• Hydraulic oil	
☐	☑	☐	High Pressure Hydraulic Lines	
☐	☐	☑	• Obvious damage	
☐	☐	☑	• Operator protected from accidental release	
			• Coupling devices, connectors, retention cables/pins are in good condition and in place	
☐	☐	☑	Mast Condition	
☐	☐	☑	• Structural components/tubing	
☐	☐	☑	• Connection points	
☐	☐	☑	• Pins	
☐	☐	☑	• Welds	
☐	☐	☑	• Outriggers	
☐	☐	☑	• Operational	
☐	☐	☑	• Plumb (when raised)	
☐	☐	☑	Hooks	
☐	☐	☑	• Are the hooks equipped with Safety Latches?	
			• Does it appear that the hook is showing signs of wear in excess of 10% original dimension?	
☐	☐	☑	• Is there a bend or twist exceeding 10% from the plane of an unbent hook?	
☐	☐	☑	• Increase in throat opening exceeding 15% from new condition	
☐	☐	☑	• Excessive nicks and/or gouges	
☐	☐	☑	• Clips	
☐	☐	☑	• Number of U-Type (Crosby) Clips (cable size 5/16 – 5/8 = 3 clips minimum) (cable size 3/4 – 1 inch = 4 clips minimum) (cable size 1 1/8 – 1 3/8 inch = 5 clips minimum)	

Yes	No	NA	Requirement	Comments
☐	☐	☑	Power cable and/or hoist cable • Reduction in Rope diameter π (5/16 wire rope>1/64 reduction nominal size -replace) (3/8 to 1/2 wire rope>1/32 reduction nominal size-replace) (9/16 to 3/4 wire rope>3/64 reduction nominal size-replace)	
☐	☒	☑	• Number of broken wires (6 randomly broken wires in one rope lay) (3 broken wires in one strand)	
☐	☐	☑	• Number of wire rope wraps left on the Running Drum at nominal use (≥3 required)	
☐	☐	☑	- Lead (primary) sheave is centered on the running drum	
☐	☐	☑	• Lubrication of wire rope (adequate?)	
☐	☐	☑	• Kinks, bends – Flattened to > 50% diameter	
☐	☐	☑	Hemp/Fiber rope (Cathead/Split Spoon Hammer) • Minimum ¾; maximum 1 inch rope diameter (Inspect for physical damage)	
☐	☐	☑	• Rope to hammer is securely fastened	
☑	☐	☐	Safety Guards – • Around rotating apparatus (belts, pulleys, sprockets, spindles, drums, flywheels, chains) all points of operations protected from accidental contact?	
☑	☐	☐	• Hot pipes and surfaces exposed to accidental contact?	
☑	☐	☐	• High pressure lines	
☑	☐	☐	• Nip/pinch points	
☐	☐	☑	Operator Qualifications • Does the operator have proper licensing where applicable, (e.g., CDL)?	
☑	☐	☐	• Does the operator, understand the equipment's operating instructions?	
☑	☐	☐	• Is the operator experienced with this equipment?	
☑	☐	☐	• Is the operator 21 years of age or more?	

Yes	No	NA	Requirement	Comments
			PPE Required for Drill Rig Exclusion Zone	
☐	☐	☑	• Hardhat	
☑	☐	☐	• Safety glasses	
☑	☐	☐	• Work gloves	
☐	☐	☑	• Chemical resistant gloves_____	
☐	☐	☑	• Steel toed Work Boots	
☐	☐	☑	• Chemical resistant Boot Covers	
☐	☐	☑	• Apron	
☐	☐	☑	• Coveralls Tyvek, Saranex, cotton)_____	
			Other Hazards	
☐	☑	☐	• Excessive Noise Levels? _____dBA	
☐	☑	☐	• Chemical hazards (Drilling supplies - Sand, bentonite, grout, fuel, etc.)	
☐	☐	☐	- MSDSs available?	
☑	☐	☐	• Will On-site fueling occur	
☑	☐	☐	- Safety cans available?	
☑	☐	☐	- Fire extinguisher (Type/Rating -_____ _)	

Approved for Use ☒ Yes ☐ No ☐ See Comments

_____ _____

Site Health and Safety Officer Operator

Yes	No	NA	Requirement	Comments
			PPE Required for Drill Rig Exclusion Zone	
☐	☐	☑	• Hardhat	
☑	☐	☐	• Safety glasses	
☑	☐	☐	• Work gloves	
☐	☐	☑	• Chemical resistant gloves_____	
☐	☐	☑	• Steel toed Work Boots	
☐	☐	☑	• Chemical resistant Boot Covers	
☐	☐	☑	• Apron	
☐	☐	☑	• Coveralls Tyvek, Saranex, cotton)_____	
			Other Hazards	
☐	☑	☐	• Excessive Noise Levels? _____dBA	
☐	☑	☐	• Chemical hazards (Drilling supplies - Sand, bentonite, grout, fuel, etc.)	
☐	☐	☐	- MSDSs available?	
☑	☐	☐	• Will On-site fueling occur	
☑	☐	☐	- Safety cans available?	
☑	☐	☐	- Fire extinguisher (Type/Rating -_____ _)	

Approved for Use ☒ Yes ☐ No ☐ See Comments

_____ _____

Site Health and Safety Officer Operator

Equipment Inspection Checklist

Company: TETRATECH/NUS

Unit/Serial No#:

Inspection Date: 10 / 26 / 2011 **Time:** 07 : 30

Equipment Type: John Deere / brush hog

Project Name: FORMER BRUNSWICK NAS

Project No#:

Yes	No	NA	Requirement	Comments
			Emergency Stop Devices	
☐	☐	☑	• Emergency Stop Devices (At points of operation)	
☐	☐	☑	• Have all emergency shut offs identified been communicated to the field crew?	
☐	☐	☑	• Has a person been designated as the Emergency Stop Device Operator?	
			Highway Use	
☐	☐	☑	• Cab, mirrors, safety glass?	
☑	☐	☐	• Turn signals, lights, brake lights, etc. (front/rear) for equipment approved for highway use?	
☑	☐	☐	• Seat Belts?	
☐	☐	☑	• Is the equipment equipped with audible back-up alarms and back-up lights?	
☑	☐	☐	• Horn and gauges	
☑	☐	☐	• Brake condition (dynamic, park, etc.)	
☑	☐	☐	• Tires (Tread) or tracks	
☑	☐	☐	• Windshield wipers	
☑	☐	☐	• Exhaust system	
☑	☐	☐	• Steering (standard and emergency)	
☑	☐	☐	• Wheel Chocks?	
☐	☐	☑	• Are tools and material secured to prevent movement during transport? Especially those within the cab?	
☐	☐	☑	• Are there flammables or solvents or other prohibited substances stored within the cab?	
☐	☐	☑	• Are tools or debris in the cab that may adversely influence operation of the vehicle (in and around brakes, clutch, gas pedals)	

Yes	No	NA	Requirement	Comments
☑	☐	☐	Fluid Levels: • Engine oil	
☑	☐	☐	• Transmission fluid	
☑	☐	☐	• Brake fluid	
☑	☐	☐	• Cooling system fluid	
☑	☐	☐	• Hoses and belts	
☑	☐	☐	• Hydraulic oil	
☐	☑	☐	High Pressure Hydraulic Lines • Obvious damage	
☑	☐	☐	• Operator protected from accidental release	
☑	☐	☐	• Coupling devices, connectors, retention cables/pins are in good condition and in place	
☐	☐	☑	Mast Condition • Structural components/tubing	
☐	☐	☑	• Connection points	
☐	☐	☑	• Pins	
☐	☐	☑	• Welds	
☐	☐	☑	• Outriggers	
☐	☐	☑	• Operational	
☐	☐	☑	• Plumb (when raised)	
☐	☐	☑	Hooks • Are the hooks equipped with Safety Latches?	
☐	☐	☑	• Does it appear that the hook is showing signs of wear in excess of 10% original dimension?	
☐	☐	☑	• Is there a bend or twist exceeding 10% from the plane of an unbent hook?	
☐	☐	☑	• Increase in throat opening exceeding 15% from new condition	
☐	☐	☑	• Excessive nicks and/or gouges	
☐	☐	☑	• Clips	
☐	☐	☑	• Number of U-Type (Crosby) Clips (cable size 5/16 – 5/8 = 3 clips minimum) (cable size 3/4 – 1 inch = 4 clips minimum) (cable size 1 1/8 – 1 3/8 inch = 5 clips minimum)	

Yes	No	NA	Requirement	Comments
			Power cable and/or hoist cable	
☐	☐	☑	• Reduction in Rope diameter π (5/16 wire rope>1/64 reduction nominal size -replace) (3/8 to 1/2 wire rope>1/32 reduction nominal size-replace) (9/16 to 3/4 wire rope>3/64 reduction nominal size-replace)	
☐	☐	☑	• Number of broken wires (6 randomly broken wires in one rope lay) (3 broken wires in one strand)	
☐	☐	☑	• Number of wire rope wraps left on the Running Drum at nominal use (≥3 required)	
☐	☐	☑	- Lead (primary) sheave is centered on the running drum	
☐	☐	☑	• Lubrication of wire rope (adequate?)	
☐	☐	☑	• Kinks, bends – Flattened to > 50% diameter	
			Hemp/Fiber rope (Cathead/Split Spoon Hammer)	
☐	☐	☑	• Minimum ¾; maximum 1 inch rope diameter (Inspect for physical damage)	
☐	☐	☑	• Rope to hammer is securely fastened	
			Safety Guards –	
☐	☐	☑	• Around rotating apparatus (belts, pulleys, sprockets, spindles, drums, flywheels, chains) all points of operations protected from accidental contact?	
☑	☐	☐	• Hot pipes and surfaces exposed to accidental contact?	
☑	☐	☐	• High pressure lines	
☑	☐	☐	• Nip/pinch points	
			Operator Qualifications	
☐	☐	☑	• Does the operator have proper licensing where applicable, (e.g., CDL)?	
☑	☐	☐	• Does the operator, understand the equipment's operating instructions?	
☑	☐	☐	• Is the operator experienced with this equipment?	
☑	☐	☐	• Is the operator 21 years of age or more?	

Yes	No	NA	Requirement	Comments
			PPE Required for Drill Rig Exclusion Zone	
☐	☐	☑	• Hardhat	
☑	☐	☐	• Safety glasses	
☑	☐	☐	• Work gloves	
☐	☐	☑	• Chemical resistant gloves_____	
☐	☐	☑	• Steel toed Work Boots	
☐	☐	☑	• Chemical resistant Boot Covers	
☐	☐	☑	• Apron	
☐	☐	☑	• Coveralls Tyvek, Saranex, cotton)_____	
			Other Hazards	
☐	☑	☐	• Excessive Noise Levels? _____dBA	
☐	☑	☐	• Chemical hazards (Drilling supplies - Sand, bentonite, grout, fuel, etc.)	
☐	☐	☐	- MSDSs available?	
☑	☐	☐	• Will On-site fueling occur	
☑	☐	☐	- Safety cans available?	
☑	☐	☐	- Fire extinguisher (Type/Rating -_____)	

Approved for Use ☒ Yes ☐ No ☐ See Comments

Site Health and Safety Officer

Operator

Equipment Inspection Checklist

Company: TETRATECH/NUS

Unit/Serial No#:

Inspection Date: 10 / 01 / 2011 **Time:** 07 : 00

Equipment Type: John Deere/brushhog

Project Name: FORMER BRUNSWICK NAS

Project No#:

Yes	No	NA	Requirement	Comments
			Emergency Stop Devices	
☐	☐	☑	• Emergency Stop Devices (At points of operation)	
☐	☐	☑	• Have all emergency shut offs identified been communicated to the field crew?	
☐	☐	☑	• Has a person been designated as the Emergency Stop Device Operator?	
			Highway Use	
☐	☐	☑	• Cab, mirrors, safety glass?	
☐	☐	☑	• Turn signals, lights, brake lights, etc. (front/rear) for equipment approved for highway use?	
☑	☐	☐	• Seat Belts?	
☐	☐	☑	• Is the equipment equipped with audible back-up alarms and back-up lights?	
☑	☐	☐	• Horn and gauges	
☑	☐	☐	• Brake condition (dynamic, park, etc.)	
☑	☐	☐	• Tires (Tread) or tracks	
☑	☐	☐	• Windshield wipers	
☑	☐	☐	• Exhaust system	
☑	☐	☐	• Steering (standard and emergency)	
☐	☐	☑	• Wheel Chocks?	
☐	☐	☑	• Are tools and material secured to prevent movement during transport? Especially those within the cab?	
☐	☐	☑	• Are there flammables or solvents or other prohibited substances stored within the cab?	
☐	☐	☐	• Are tools or debris in the cab that may adversely influence operation of the vehicle (in and around brakes, clutch, gas pedals)	

Yes	No	NA	Requirement	Comments
☑	☐	☐	Fluid Levels:	
☑	☐	☐	• Engine oil	
☑	☐	☐	• Transmission fluid	
☑	☐	☐	• Brake fluid	
☑	☐	☐	• Cooling system fluid	
☑	☐	☐	• Hoses and belts	
☑	☐	☐	• Hydraulic oil	
☐	☑	☐	High Pressure Hydraulic Lines	
☑	☐	☐	• Obvious damage	
☐	☐	☑	• Operator protected from accidental release	
			• Coupling devices, connectors, retention cables/pins are in good condition and in place	
☐	☐	☑	Mast Condition	
☐	☐	☑	• Structural components/tubing	
☐	☐	☑	• Connection points	
☐	☐	☑	• Pins	
☐	☐	☑	• Welds	
☐	☐	☑	• Outriggers	
☐	☐	☑	• Operational	
☐	☐	☑	• Plumb (when raised)	
☐	☐	☑	Hooks	
☐	☐	☑	• Are the hooks equipped with Safety Latches?	
☐	☐	☑	• Does it appear that the hook is showing signs of wear in excess of 10% original dimension?	
☐	☐	☑	• Is there a bend or twist exceeding 10% from the plane of an unbent hook?	
☐	☐	☑	• Increase in throat opening exceeding 15% from new condition	
☐	☐	☑	• Excessive nicks and/or gouges	
☐	☐	☑	• Clips	
☐	☐	☑	• Number of U-Type (Crosby) Clips (cable size 5/16 – 5/8 = 3 clips minimum) (cable size 3/4 – 1 inch = 4 clips minimum) (cable size 1 1/8 – 1 3/8 inch = 5 clips minimum)	

Yes	No	NA	Requirement	Comments
			Power cable and/or hoist cable	
☐	☐	☑	• Reduction in Rope diameter π (5/16 wire rope>1/64 reduction nominal size -replace) (3/8 to 1/2 wire rope>1/32 reduction nominal size-replace) (9/16 to 3/4 wire rope>3/64 reduction nominal size-replace)	
☐	☐	☑	• Number of broken wires (6 randomly broken wires in one rope lay) (3 broken wires in one strand)	
☐	☐	☑	• Number of wire rope wraps left on the Running Drum at nominal use (≥3 required)	
☐	☐	☑	- Lead (primary) sheave is centered on the running drum	
☐	☐	☑	• Lubrication of wire rope (adequate?)	
☐	☐	☑	• Kinks, bends – Flattened to > 50% diameter	
			Hemp/Fiber rope (Cathead/Split Spoon Hammer)	
☐	☐	☑	• Minimum ¾; maximum 1 inch rope diameter (Inspect for physical damage)	
☐	☐	☑	• Rope to hammer is securely fastened	
			Safety Guards –	
☑	☐	☐	• Around rotating apparatus (belts, pulleys, sprockets, spindles, drums, flywheels, chains) all points of operations protected from accidental contact?	
☑	☐	☐	• Hot pipes and surfaces exposed to accidental contact?	
☐	☑	☐	• High pressure lines	
☐	☑	☐	• Nip/pinch points	
			Operator Qualifications	
☐	☐	☑	• Does the operator have proper licensing where applicable, (e.g., CDL)?	
☑	☐	☐	• Does the operator, understand the equipment's operating instructions?	
☑	☐	☐	• Is the operator experienced with this equipment?	
☑	☐	☐	• Is the operator 21 years of age or more?	

Yes	No	NA	Requirement	Comments
			PPE Required for Drill Rig Exclusion Zone	
☐	☐	☑	• Hardhat	
☐	☐	☑	• Safety glasses	
☑	☐	☐	• Work gloves	
☐	☐	☑	• Chemical resistant gloves_____	
☑	☐	☐	• Steel toed Work Boots	
☐	☐	☑	• Chemical resistant Boot Covers	
☐	☐	☑	• Apron	
☐	☐	☑	• Coveralls Tyvek, Saranex, cotton)_____	
			Other Hazards	
☐	☑	☐	• Excessive Noise Levels? _____dBA	
☐	☑	☐	• Chemical hazards (Drilling supplies - Sand, bentonite, grout, fuel, etc.)	
☐	☐	☐	- MSDSs available?	
☑	☐	☐	• Will On-site fueling occur	
☑	☐	☐	- Safety cans available?	
☑	☐	☐	- Fire extinguisher (Type/Rating - _____)	

Approved for Use ☒ Yes ☐ No ☐ See Comments

_____
Site Health and Safety Officer

_____
Operator

Equipment Inspection Checklist

Company: TETRATECH/NUS

Unit/Serial No#:

Inspection Date: 17 / 3 / 2011 **Time:** 07 : 30

Equipment Type: John Deere / brush hog

Project Name: former Brunswick NAS

Project No#:

Yes	No	NA	Requirement	Comments
			Emergency Stop Devices	
☐	☐	☑	• Emergency Stop Devices (At points of operation)	
☐	☐	☑	• Have all emergency shut offs identified been communicated to the field crew?	
☐	☐	☑	• Has a person been designated as the Emergency Stop Device Operator?	
			Highway Use	
☐	☐	☑	• Cab, mirrors, safety glass?	
☑	☐	☐	• Turn signals, lights, brake lights, etc. (front/rear) for equipment approved for highway use?	
☑	☐	☐	• Seat Belts?	
☐	☐	☑	• Is the equipment equipped with audible back-up alarms and back-up lights?	
☑	☐	☐	• Horn and gauges	
☑	☐	☐	• Brake condition (dynamic, park, etc.)	
☑	☐	☐	• Tires (Tread) or tracks	
☑	☐	☐	• Windshield wipers	
☑	☐	☐	• Exhaust system	
☑	☐	☐	• Steering (standard and emergency)	
☐	☐	☑	• Wheel Chocks?	
☐	☐	☑	• Are tools and material secured to prevent movement during transport? Especially those within the cab?	
☐	☐	☑	• Are there flammables or solvents or other prohibited substances stored within the cab?	
☐	☐	☑	• Are tools or debris in the cab that may adversely influence operation of the vehicle (in and around brakes, clutch, gas pedals)	

Equipment Inspection Checklist

Yes	No	NA	Requirement	Comments
☑	☐	☐	Fluid Levels:	
☑	☐	☐	• Engine oil	
☑	☐	☐	• Transmission fluid	
☑	☐	☐	• Brake fluid	
☑	☐	☐	• Cooling system fluid	
☑	☐	☐	• Hoses and belts	
☑	☐	☐	• Hydraulic oil	
☐	☑	☐	High Pressure Hydraulic Lines	
☐	☐	☑	• Obvious damage	
☑	☐	☐	• Operator protected from accidental release	
			• Coupling devices, connectors, retention cables/pins are in good condition and in place	
☐	☐	☑	Mast Condition	
☐	☐	☑	• Structural components/tubing	
☐	☐	☑	• Connection points	
☐	☐	☑	• Pins	
☐	☐	☑	• Welds	
☐	☐	☑	• Outriggers	
☐	☐	☑	• Operational	
☐	☐	☑	• Plumb (when raised)	
☐	☐	☑	Hooks	
☐	☐	☑	• Are the hooks equipped with Safety Latches?	
			• Does it appear that the hook is showing signs of wear in excess of 10% original dimension?	
☐	☐	☑	• Is there a bend or twist exceeding 10% from the plane of an unbent hook?	
☐	☐	☑	• Increase in throat opening exceeding 15% from new condition	
☐	☐	☑	• Excessive nicks and/or gouges	
☐	☐	☑	• Clips	
☐	☐	☑	• Number of U-Type (Crosby) Clips (cable size 5/16 – 5/8 = 3 clips minimum) (cable size 3/4 – 1 inch = 4 clips minimum) (cable size 1 1/8 – 1 3/8 inch = 5 clips minimum)	

Equipment Inspection Checklist

Yes	No	NA	Requirement	Comments
			Power cable and/or hoist cable	
☐	☐	☑	• Reduction in Rope diameter π (5/16 wire rope>1/64 reduction nominal size -replace) (3/8 to 1/2 wire rope>1/32 reduction nominal size-replace) (9/16 to 3/4 wire rope>3/64 reduction nominal size-replace)	
☐	☐	☑	• Number of broken wires (6 randomly broken wires in one rope lay) (3 broken wires in one strand)	
☐	☐	☑	• Number of wire rope wraps left on the Running Drum at nominal use (≥3 required)	
☐	☐	☑	- Lead (primary) sheave is centered on the running drum	
☐	☐	☑	• Lubrication of wire rope (adequate?)	
☐	☐	☑	• Kinks, bends – Flattened to > 50% diameter	
			Hemp/Fiber rope (Cathead/Split Spoon Hammer)	
☐	☐	☑	• Minimum ¾; maximum 1 inch rope diameter (Inspect for physical damage)	
☐	☐	☑	• Rope to hammer is securely fastened	
			Safety Guards –	
☑	☐	☐	• Around rotating apparatus (belts, pulleys, sprockets, spindles, drums, flywheels, chains) all points of operations protected from accidental contact?	
☑	☐	☐	• Hot pipes and surfaces exposed to accidental contact?	
☑	☐	☐	• High pressure lines	
☐	☐	☑	• Nip/pinch points	
			Operator Qualifications	
☐	☐	☑	• Does the operator have proper licensing where applicable, (e.g., CDL)?	
☑	☐	☐	• Does the operator, understand the equipment's operating instructions?	
☑	☐	☐	• Is the operator experienced with this equipment?	
☑	☐	☐	• Is the operator 21 years of age or more?	

Equipment Inspection Checklist

Yes	No	NA	Requirement	Comments
			PPE Required for Drill Rig Exclusion Zone	
☐	☐	☑	• Hardhat	
☑	☐	☐	• Safety glasses	
☑	☐	☐	• Work gloves	
☐	☐	☑	• Chemical resistant gloves_____	
☑	☐	☐	• Steel toed Work Boots	
☐	☐	☑	• Chemical resistant Boot Covers	
☐	☐	☑	• Apron	
☐	☐	☑	• Coveralls Tyvek, Saranex, cotton)_____	
			Other Hazards	
☐	☑	☐	• Excessive Noise Levels? _____dBA	
☐	☐	☑	• Chemical hazards (Drilling supplies - Sand, bentonite, grout, fuel, etc.)	
☐	☐	☐	- MSDSs available?	
☑	☐	☐	• Will On-site fueling occur	
☑	☐	☐	- Safety cans available?	
☑	☐	☐	- Fire extinguisher (Type/Rating -_____ _)	

Approved for Use ☒ Yes ☐ No ☐ See Comments

_____ _____

Site Health and Safety Officer Operator

B.12 EQUIPMENT LOGS

TETRA TECH NUS, INC.

EQUIPMENT UTILIZATION LOG

EQUIPMENT I.D. 4951451767

DESCRIPTION GPS Trimble XH

DATE OUT	TIME OUT	COND. CODE & COMMENTS OUT	CHECKED OUT BY	DATE IN	TIME IN	CHECKED IN BY	COND. CODE & COMMENTS IN
6-10-10	07:30	Good	NP	6-10-10	16:30	NP	Good
6-11-10	07:30	Good	NP	6-11-10	16:45	NP	Good
6-12-10	07:30	Good	NP	6-12-10	16:30	NP	Good - Hard Reset due to poor reception - fixed
6-13-10	07:30	Good	NP	6-13-10	16:30	NP	Good
6-14-10	07:15	Good	NP	6-14-10	16:45	NP	Good
6-15-10	07:15	Good	NP	6-15-10	16:45	NP	Good
6-16-10	07:15	Good	NP	6-16-10	9:15	NP	Good
6-21-10	07:15	Good	NP				

TETRA TECH NUS, INC.

EQUIPMENT UTILIZATION LOG

EQUIPMENT I.D. 4918417217

DESCRIPTION GPS Trimple XH

DATE OUT	TIME OUT	COND. CODE & COMMENTS OUT	CHECKED OUT BY	DATE IN	TIME IN	CHECKED IN BY	COND. CODE & COMMENTS IN
6-10-10	07:30	Good	NP	6-10-10	16:30	NP	Good
6-11-10	07:30	Good	NP	6-11-10	16:45	NP	Good
6-12-10	07:30	Good	NP	6-12-10	16:30	NP	Good
6-13-10	07:30	Good	NP	6-13-10	16:30	NP	Good
6-14-10	07:15	Good	NP	6-14-10	16:45	NP	Good
6-15-10	07:15	Good	NP	6-15-10	16:45	NP	Good
6-21-10	07:15	Good					

TETRA TECH NUS, INC.

EQUIPMENT UTILIZATION LOG

EQUIPMENT I.D. E011327

DESCRIPTION Weed Eater

DATE OUT	TIME OUT	COND. CODE & COMMENTS OUT	CHECKED OUT BY	DATE IN	TIME IN	CHECKED IN BY	COND. CODE & COMMENTS IN
6-13-10	7:30	Good	NP	6-13-10	17:00	NP	Good
6-14-10	7:30	Good	Tory	6-14-10	16:30	Tory	Good
6-15-10	7:30	Good	Tory	6-15-10	16:30	Tory	~~Good~~ OFF switch NOT WORKING
6-22-10	7:30	Good	Tory	6-15-10	16:30	Tory	Good
6-24-10	7:30	Good	Tory	6-24-10	16:30	Tory	Good (Had to replace nut)
6-25-10	7:30	Good	Tory	6-28-10	16:30	Tory	Good
6-26-10	7:00	Good	Tory	6-26-10	16:30	Tory	Good
7-10-10	7:00	Good	Tory	7-10-10	16:30	Tory	Good

TETRA TECH NUS, INC.

EQUIPMENT UTILIZATION LOG

EQUIPMENT I.D. EO11328

DESCRIPTION Weed Eater

DATE OUT	TIME OUT	COND. CODE & COMMENTS OUT	CHECKED OUT BY	DATE IN	TIME IN	CHECKED IN BY	COND. CODE & COMMENTS IN
7-10-10	7:30	Good	Tory	7-10-10 ~~16:30~~	16:30	Tory	Good

TETRA TECH

MRP FF.3
DAILY EQUIPMENT CHECKLIST

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

Equipment: Schonstedt					Initial Condition Out of the Box Acceptable (Y/N/NA)				
Serial Number: 224817					Inspection		Spare parts	Cable Shake Test	
Description: GA 52 Cx									
Date Out	Time Out	Daily Cond. & Comments Out	Monument Check (1)	Checked Out By	Date In	Time In	Daily Cond. & Comments In	Checked In By	Monument Check (1)
10-17-11	0700	good		SW	10-17-11	1630		SW	
10-18-11	0700	good		SW	10-18-11	1630		SW	
10-19-11	0700	pan		SW	10-19-11	1630		SW	
10-20-11	0700	pan		SW	1020-11	1630		SW	
10-21-11	0700	pan		SW	10-21-11	1630		SW	
10-22-11	0700	pan		SW	10-22-11	1630		FJM	
10-23-11	0700	pan		FJM	10-23-11	1630		FJM	
10-24-11	0700	pan		FJM	10-24-11	1630		FJM	
10-25-11	0700	pan		FJM	10-25-11	1630		FJM	
10-26-11	0700	pan		FJM	10-26-11	1630		FJM	

(1) For GPS Units, confirm accuracy correlation to referenced monument locations. Please record general description of monument locations in the Daily Activity Log, once established. (Example – GPS QC Location – Well MW-3 or northwest corner of intersection of Perimeter Road and Munitions Street)

Last Revised: 3/31/2011

TETRA TECH

MRP FF.3
DAILY EQUIPMENT CHECKLIST

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

Equipment: Schonstedt					Initial Condition Out of the Box Acceptable (Y/N/NA)				
Serial Number: 262458					Inspection		Spare parts		Cable Shake Test
Description: GA 52 Cx									
Date Out	Time Out	Daily Cond. & Comments Out	Monument Check (1)	Checked Out By	Date In	Time In	Daily Cond. & Comments In	Checked In By	Monument Check (1)
10-17-11	0700	Pen		SW	10-17-11	1630		SW	
10-18-11	0700	Pen		SW	10-18-11	1630		SW	
10-19-11	0700	pen		SW	10-19-11	1630		SW	
10-20-11	0700	good		SW	10-20-11	1630		SW	
10-21-11	0700	good		SW	10-21-11	1630		SW	
10-22-11	0700	Pen		SW	10-22-11	1630		FJM	
10-23-11	0700	pen		FJM	10-23-11	1630		FJM	
10-24-11	0700	pen		FJM	10-24-11	1630		FJM	
10-25-11	0700	pen		FJM	10-24-11	1630		FJM	
10-26-11	0700	pen		FJM	10-25-11	1630		FJM	
				FJM	10-26-11	1630		FJM	

(1) For GPS Units, confirm accuracy correlation to referenced monument locations. Please record general description of monument locations in the Daily Activity Log, once established. (Example – GPS QC Location – Well MW-3 or northwest corner of intersection of Perimeter Road and Munitions Street)

Last Revised: 3/31/2011

TETRA TECH

MRP FF.3
DAILY EQUIPMENT CHECKLIST

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

Equipment: Schonstedt					Initial Condition Out of the Box Acceptable (Y/N/NA)				
Serial Number: 263216					Inspection		Spare parts		Cable Shake Test
Description: GA 52 Cx									
Date Out	Time Out	Daily Cond. & Comments Out	Monument Check (1)	Checked Out By	Date In	Time In	Daily Cond. & Comments In	Checked In By	Monument Check (1)
10-17-11	0700	good		SW	10-17-11	1630		SW	
10-18-11	0700	good		SW	10-18-11	1630		SW	
10-19-11	0700	fair		SW	10-19-11	1630		SW	
10-20-11	0700	fair		SW	10-20-11	1630		SW	
10-21-11	0700	fair		SW	10-21-11	1630		SW	
10-22-11	0700	fair		SW	10-22-11	1630		FJM	
10-23-11	0700	fair		FJM	10-23-11	1630		FJM	
10-24-11	0700	good		FJM	10-24-11	1630		FJM	
10-25-11	0700	good		FJM	10-24-11	1630		FJM	
10-26-11	0700	good		FJM	10-26-11	1630		FJM	

(1) For GPS Units, confirm accuracy correlation to referenced monument locations. Please record general description of monument locations in the Daily Activity Log, once established. (Example – GPS QC Location – Well MW-3 or northwest corner of intersection of Perimeter Road and Munitions Street)

Last Revised: 3/31/2011

TETRA TECH

MRP FF.3
DAILY EQUIPMENT CHECKLIST

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

Equipment: Schonstedt					Initial Condition Out of the Box Acceptable (Y/N/NA)				
Serial Number: 277046					Inspection		Spare parts	Cable Shake Test	
Description: GA 52 Cx									
Date Out	Time Out	Daily Cond. & Comments Out	Monument Check (1)	Checked Out By	Date In	Time In	Daily Cond. & Comments In	Checked In By	Monument Check (1)
10-17-11	0700	fair		SW	10-17-11	1630		SW	
10-18-11	0700	fair		SW	10-18-11	1630		SW	
10-19-11	0700	fair		SW	10-19-11	1630		SW	
10-20-11	0700	fair		SW	10-20-11	1630		SW	
10-21-11	0700	good		SW	10-21-11	1630		SW	
10-22-11	0700	good		SW	10-22-11	1630		FJM	
10-23-11	0700	good		FJM	10-23-11	1630		FJM	
10-24-11	0700	fair		FJM	10-24-11	1630		FJM	
10-25-11	0700	fair		FJM	10-25-11	1630		FJM	
10-26-11	0700	fair		FJM	10-26-11	1630		FJM	

(1) For GPS Units, confirm accuracy correlation to referenced monument locations. Please record general description of monument locations in the Daily Activity Log, once established. (Example – GPS QC Location – Well MW-3 or northwest corner of intersection of Perimeter Road and Munitions Street)

TETRA TECH

MRP FF.3
DAILY EQUIPMENT CHECKLIST

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

Equipment: Schonstedt					Initial Condition Out of the Box Acceptable (Y/N/NA)				
Serial Number: 277049					Inspection		Spare parts	Cable Shake Test	
Description: GA 52 Cx									
Date Out	Time Out	Daily Cond. & Comments Out	Monument Check (1)	Checked Out By	Date In	Time In	Daily Cond. & Comments In	Checked In By	Monument Check (1)
10-17-11	0700	good		[illegible]	10-17-11	1630		SW	
10-18-11	0700	good		SW	10-18-11	1630		SW	
10-19-11	0700	good		SW	10-19-11	1630		SW	
10-20-11	0700	good		SW	10-20-11	1630		SW	
10-21-11	0700	good		SW	10-21-11	1630		SW	
10-22-11	0700	good		SW	10-22-11	1630		SW	
10-23-11	0700	good		FJM	10-23-11	1630		FJM	
10-24-11	0700	good		FJM	10-24-11	1630		FJM	
10-25-11	0700	good		FJM	10-25-11	1630		FJM	
10-26-11	0700	good		FJM	10-26-11	1630		FJM	

(1) For GPS Units, confirm accuracy correlation to referenced monument locations. Please record general description of monument locations in the Daily Activity Log, once established. (Example – GPS QC Location – Well MW-3 or northwest corner of intersection of Perimeter Road and Munitions Street)

TETRA TECH

MRP FF.3
DAILY EQUIPMENT CHECKLIST

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

Equipment: GPS Trimble Explorer					Initial Condition Out of the Box Acceptable (Y/N/NA)				
Serial Number: U64909X					Inspection		Spare parts		Cable Shake Test
Description: GPS Unit									
Date Out	Time Out	Daily Cond. & Comments Out (Morning) A / B	Monument Check (1)	Checked Out By	Date In	Time In	Daily Cond. & Comments In (Afternoon) A / B	Checked In By	Monument Check (1)
10/17		PDOP 3.03 27in / 1.68 34in					4.10 3.5ft / 3.36 35in		
10-18		5.30 3.3ft / 3.22 35.5					3.22 9.5ft / 3.06 33in		
10-19		3.03 3.0ft / 3.22 33ft					2.35 26in / 2.14 25in		
10-20		2.94 33in / 2.34 25in					3.17 3.6ft / 2.10 25in		
10-21		1.84 26in / 2.01 25in					3.27 20ft / 2.55 20ft		
10-22		3.24 35in / 3.83 35in					2.85 3.5' / 2.51 32in		
10-23		2.55 23in / 2.04 21in					2.17 21" / 2.01 24in		
10-24		4.85 3.1ft / 2.20 26in					4.14 4.4ft / 2.52 30in		
10-25		~~7.75~~ 2.19 26" / 7.75 7.2ft					2.52 33in / 1.55 20in		
10-26		2.56 3.2 / 2.19 26					2.02 25in / 1.71 19in		
							2.20 26ft / 1.86 25in		
10-31		2.20 26in / 2.20 26in							
11-1		2.83 31in / 2.02 21in							
11-2		2.76 3.6' / 2.21 27in					2.33 28in / 1.74 21in		
11-3		2.21 26" / 2.22 27in					1.96 19ft / 2.45 26in		
11-4		2.26 28" / 2.21 27in					2.62 3ft / 2.15 26in		

06

(1) For GPS Units, confirm accuracy correlation to referenced monument locations. Please record general description of monument locations in the Daily Activity Log, once established. (Example – GPS QC Location – Well MW-3 or northwest corner of intersection of Perimeter Road and Munitions Street)

Last Revised: 3/31/2011

TETRA TECH

MRP FF.3
DAILY EQUIPMENT CHECKLIST

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

Equipment: Schonstedt					Initial Condition Out of the Box Acceptable (Y/N/NA)				
Serial Number: 224817					Inspection		Spare parts	Cable Shake Test	
Description: GA 52 Cx									
Date Out	Time Out	Daily Cond. & Comments Out	Monument Check (1)	Checked Out By	Date In	Time In	Daily Cond. & Comments In	Checked In By	Monument Check (1)
10-31-11	0730	good		JC	10-31-11	1630		JC	—
11-1-11	0730	good		JC	11-1-11	1630		JC	
11-2-11	0730	good		JC	11-2-11	1630		JC	
11-3-11	0720	good		FJM	11-3-11	1630		FJM	

(1) For GPS Units, confirm accuracy correlation to referenced monument locations. Please record general description of monument locations in the Daily Activity Log, once established. (Example – GPS QC Location – Well MW-3 or northwest corner of intersection of Perimeter Road and Munitions Street)

Last Revised: 3/31/2011

TETRA TECH

MRP FF.3
DAILY EQUIPMENT CHECKLIST

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

Equipment: Schonstedt					Initial Condition Out of the Box Acceptable (Y/N/NA)				
Serial Number: 262458					Inspection		Spare parts	Cable Shake Test	
Description: GA 52 Cx									
Date Out	Time Out	Daily Cond. & Comments Out	Monument Check (1)	Checked Out By	Date In	Time In	Daily Cond. & Comments In	Checked In By	Monument Check (1)
10-31-11	0730	good		JC	10-31-11	1630		JC	JC
11-1-11	0730	good		JC	11-1-11	1630		JC	
11-2-11	0730	good		JC	11-2-11	1630		JC	
11-3-11	0720	good		FJM	11-3-11	1630		FJM	

(1) For GPS Units, confirm accuracy correlation to referenced monument locations. Please record general description of monument locations in the Daily Activity Log, once established. (Example – GPS QC Location – Well MW-3 or northwest corner of intersection of Perimeter Road and Munitions Street)

Last Revised: 3/31/2011

TETRA TECH

MRP FF.3
DAILY EQUIPMENT CHECKLIST

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

Equipment: Schonstedt					Initial Condition Out of the Box Acceptable (Y/N/NA)				
Serial Number: 277046					Inspection		Spare parts		Cable Shake Test
Description: GA 52 Cx									
Date Out	Time Out	Daily Cond. & Comments Out	Monument Check (1)	Checked Out By	Date In	Time In	Daily Cond. & Comments In	Checked In By	Monument Check (1)
10-31-11	0730	Good		JC	10-31-11	1630		JC	
11-1-11	0730	Good		JC	11-1-11	1630		JC	
11-2-11	0730	Good		JC	11-2-11	1630		JC	
11-3-11	0720	Good		FJM	11-3-11	1630		FJM	

(1) For GPS Units, confirm accuracy correlation to referenced monument locations. Please record general description of monument locations in the Daily Activity Log, once established. (Example – GPS QC Location – Well MW-3 or northwest corner of intersection of Perimeter Road and Munitions Street)

Last Revised: 3/31/2011

TETRA TECH

MRP FF.3
DAILY EQUIPMENT CHECKLIST

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

Equipment: Schonstedt					Initial Condition Out of the Box Acceptable (Y/N/NA)				
Serial Number: 277049					Inspection		Spare parts	Cable Shake Test	
Description: GA 52 Cx									
Date Out	Time Out	Daily Cond. & Comments Out	Monument Check (1)	Checked Out By	Date In	Time In	Daily Cond. & Comments In	Checked In By	Monument Check (1)
10-31-11	0730	Good		JC	10-31-11	1630		JC	
11-1-11	0730	Good		JC	11-1-11	1630		JC	
11-2-11	0730	Good		JC	11-2-11	1630		JC	
11-3-11	0720	Good		FJM	11-3-11	1630		FJM	

(1) For GPS Units, confirm accuracy correlation to referenced monument locations. Please record general description of monument locations in the Daily Activity Log, once established. (Example – GPS QC Location – Well MW-3 or northwest corner of intersection of Perimeter Road and Munitions Street)

Last Revised: 3/31/2011

TETRA TECH

MRP FF.3
DAILY EQUIPMENT CHECKLIST

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

Equipment: GPS Trimble Explorer					Initial Condition Out of the Box Acceptable (Y/N/NA)				
Serial Number: U64909X					Inspection		Spare parts		Cable Shake Test
Description: GPS Unit									
Date Out	Time Out	Daily Cond. & Comments Out	Monument Check (1)	Checked Out By	Date In	Time In	Daily Cond. & Comments In	Checked In By	Monument Check (1)
10-31-11	0700	good		JC	10-31-11	1630		JC	
11-1-11	0700	good		JC	10-1-11	1630		JC	
11-2-11	0700	good		JC	10-2-11	1630		JC	
11,3,11	0720	good		FJM	10-3-11	1630		FJM	
				~~FJM~~					

(1) For GPS Units, confirm accuracy correlation to referenced monument locations. Please record general description of monument locations in the Daily Activity Log, once established. (Example – GPS QC Location – Well MW-3 or northwest corner of intersection of Perimeter Road and Munitions Street)

Last Revised: 3/31/2011

TETRA TECH

MRP FF.3
DAILY EQUIPMENT CHECKLIST

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

Equipment: Robin NB281					Initial Condition Out of the Box Acceptable (Y/N/NA)				
Serial Number: E011328					Inspection		Spare parts		Cable Shake Test
Description: Weed Eater									
Date Out	Time Out	Daily Cond. & Comments Out	Monument Check (1)	Checked Out By	Date In	Time In	Daily Cond. & Comments In	Checked In By	Monument Check (1)
10-31-11	0730		JC	JC	10-31-11	1630		JC	
11-1-11	0730		JC	JC	11-1-11	1630		JC	
11-2-11	0730			JC	11-2-11	1630		JC	
11-3-11	0730			FJN	11-3-11	1630		FJN	

(1) For GPS Units, confirm accuracy correlation to referenced monument locations. Please record general description of monument locations in the Daily Activity Log, once established. (Example – GPS QC Location – Well MW-3 or northwest corner of intersection of Perimeter Road and Munitions Street)

TETRA TECH

MRP FF.3
DAILY EQUIPMENT CHECKLIST

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

Equipment: Robin NB281					Initial Condition Out of the Box Acceptable (Y/N/NA)				
Serial Number: E011327					Inspection		Spare parts	Cable Shake Test	
Description: Weed Eater									
Date Out	Time Out	Daily Cond. & Comments Out	Monument Check (1)	Checked Out By	Date In	Time In	Daily Cond. & Comments In	Checked In By	Monument Check (1)
10-31-11	0730			JC	10-31-11	1630		JC	
11-1-11	0730			JC	11-1-11	1630		JC	
11-2-11	0730			JC	11-2-11	1630		JC	

(1) For GPS Units, confirm accuracy correlation to referenced monument locations. Please record general description of monument locations in the Daily Activity Log, once established. (Example – GPS QC Location – Well MW-3 or northwest corner of intersection of Perimeter Road and Munitions Street)

Last Revised: 3/31/2011

TETRA TECH

MRP FF.3
DAILY EQUIPMENT CHECKLIST

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

Equipment: Robin NB281					Initial Condition Out of the Box Acceptable (Y/N/NA)				
Serial Number: E011527					Inspection		Spare parts		Cable Shake Test
Description: Weed Eater									
Date Out	Time Out	Daily Cond. & Comments Out	Monument Check (1)	Checked Out By	Date In	Time In	Daily Cond. & Comments In	Checked In By	Monument Check (1)
10-31-11	0730			JC	10-31-11	1630		JC	
11-1-11	0730			JC	11-1-11	1630		JC	
11-2-11	0730			JC	11-2-11	1630		JC	

(1) For GPS Units, confirm accuracy correlation to referenced monument locations. Please record general description of monument locations in the Daily Activity Log, once established. (Example – GPS QC Location – Well MW-3 or northwest corner of intersection of Perimeter Road and Munitions Street)

Last Revised: 3/31/2011

TETRA TECH

MRP FF.3
DAILY EQUIPMENT CHECKLIST

Facility/Location: Former NAS Brunswick Maine

Site(s): The Quarry and Site 12

Equipment: Husquavna					Initial Condition Out of the Box Acceptable (Y/N/NA)				
Serial Number:					Inspection		Spare parts	Cable Shake Test	
Description: Chain Saw									
Date Out	Time Out	Daily Cond. & Comments Out	Monument Check (1)	Checked Out By	Date In	Time In	Daily Cond. & Comments In	Checked In By	Monument Check (1)
10-31-11	0730			JC	10-31-11	1630		JC	
11-1-11	0730			JC	11-1-11	1630		JC	
11-2-11	0730			JC	11-2-11	1630		JC	

(1) For GPS Units, confirm accuracy correlation to referenced monument locations. Please record general description of monument locations in the Daily Activity Log, once established. (Example – GPS QC Location – Well MW-3 or northwest corner of intersection of Perimeter Road and Munitions Street)

Last Revised: 3/31/2011

B.13 EXPLOSIVES DRIVER CERTIFICATION

TETRA TECH

July 14, 2010

To Whom It May Concern:

The following Tetra Tech NUS, Inc. employees have completed a Department of Transportation (DOT) examination, given as part of a comprehensive physical examination through WorkCare, and have been found qualified and eligible for DOT Explosives Transportation Certification:

Glen Childers
Sydney Rodgers
Mark Soha
Jacob Clement
Frank Loney
Alfred Smith

DOT Explosives Transportation Certification complies with the requirements detailed in Naval Sea Systems Command (NAVSEA) OP 5, Volume 1, Seventh Revision, dated 1 July, 2009 for qualification as an explosive driver. The paperwork required for issuance of DOT certification cards for each of the above employees is currently in process. Once received, DOT certification cards will be carried by that employee, in addition to a valid state driver's license, to show proof of DOT Explosives Transportation Certification. This letter, along with the current Work Status Report issued by WorkCare for each qualified employee and a valid state driver's license, will serve as proof of DOT Explosives Transportation Certification until issuance of DOT certification cards is complete.

Should you have any questions or require additional information, please contact me at (770) 413-0965 ext 232 or Mr. Ralph Brooks at ext 231.

Sincerely,

Eric M Samuels

Eric Samuels
Operations Manager/Regional Health and Safety Manager
Tetra Tech NUS, Stone Mountain, GA

Tetra Tech NUS, Inc.
2171 West Park Court, Suite E, Stone Mountain, GA 30087
Tel 770.413.0965 Fax 770.413.6733 www.ttnus.com

APPENDIX C

PHOTOGRAPHS OF SITE ACTIVITIES

Vegetation Management

Photograph #-1: Vegetation Management using the tractor and mower.

Photograph #-2: Vegetation Management using weed eater.

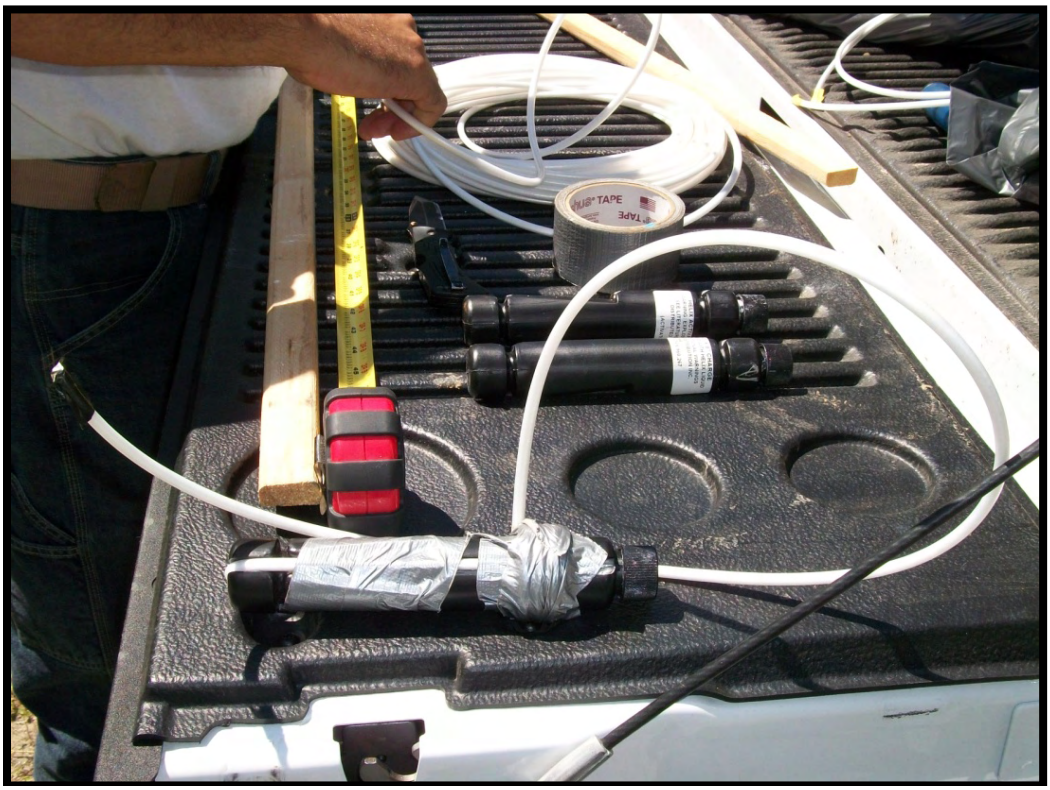
Photograph #-3: Two Type 2 Magazines installed near NAS Brunswick Magazine 291

Explosives Management

Photograph #-4: Day Box and vehicle used for explosives transportation prior to NOSSA Audit.

Photograph #-5: Mixing Binary explosives and filling shape charge.

Photograph #-6: Example shape charges used to detonate MEC/MDEH.



Photograph #-7: Attaching the detonation cord

Instrument Verification Strip (IVS)

Photograph #-8: IVS 1 located near Former Munitions Bunker West, overview.

Photograph #-9: IVS 1 located at former Munitions Bunker West buried industry standard objects 1 and 2.

Instrument Verification Strip (IVS)

Photograph #-10: IVS 1 located at former Munitions Bunker West; buried industry standard objects 3 and 4.

Photograph #-11: IVS 2 located at Site 12 EOD Area; buried industry standard objects 1and 2.

Instrument Verification Strip (IVS)

Photograph #-12: IVS 2 located at Site 12 EOD Area; buried industry standard objects 3 and 4.

Photograph #-13: Blind seed items used for quality control during detector-aided surface survey.

Instruments

Photograph #-14: UXO Technician using a Schonstedt GA-52Cx ferrous metal detector to clear a grid corner prior to inserting a wooden stake.

Photograph #-15: UXO Technician using a White's Spectrum XLT all-metals detector while performing a UXO detector-aided surface survey.

UXO Detector-aided Surface Survey

Photograph #-16: UXO Technician performing a detector-aided surface survey with the White's XLT within the delineated survey lanes (yellow rope on the ground).

Photograph #-17: UXO Technician performing a detector-aided surface survey with the White's XLT).

UXO Detector-aided Surface Survey

Photograph #-18: UXO Technicians performing detecotr-aided surface surveys on the slopes.

Photograph #-19: Wetland areas with standing water. These areas were not surveyed per field change request #2.

Photograph #-20: Steep rocky area not surveyed due to safety concerns, per field change request #2.

Trenching Activities

Photograph #-21: Trench locations marked with orange flagging, awaiting excavation.

Photograph #-22: Excavator with blast shield attached to front window.

Trenching Activities

Photograph #-23: Blast shield used by UXO Technicians during trenching operations for observing excavations.

Trenching Activities

Photograph #-24: UXO Technicians behind blast shield during trenching excavation activities.

Trenching Activities

Photograph #-25: View of trenching activities through the blast shield

Photograph #-26: Excavator beginning trenching activities. Note soil on plastic.

Trenching Activities

Photograph #-27: Trench 1 excavation in progress, groundwater encountered.

Photograph #-28: UXO Technicians Screening trench soil piles using Schonstedt GA-52Cx and White's Spectrum XLT.

Trenching Activities

Photograph #-29: Backfiling the trench after UXO Technician has screened the pile.

Detonation Preparation

Photograph #-30: NAS Brunswick Base Fire Department wetting down a demolition area.

Detonation Preparation

Photograph #-31: Grass growth following brush fire at demolition location.

MEC/MPPEH Items

Photograph #-32: **S12-G2-01** – MK82 500 lb concrete filled bomb found during detector-aided surface survey.

Photograph #-33: **S12-G2-01** MK82 500 lb concrete filled bomb after BIP treated by the EOD unit (6/16/2010).

MEC/MPPEH Items

Photograph #-34: **S12-G2-01** – MK82 500 lb concrete filled bomb before and after multiple treatment attempts. Final treatment of the fuze was successful (6/30/2010).

MEC/MPPEH Items

Photograph #-35: **S12-L2-02**– An MK-228 Bomb Fuze, BIP (6/22/2010) attempt was made then item was moved to MEC area and destroyed (6/30/2010).

MEC/MPPEH Items

Photograph #-36: **S12-D8-03** – 2.25 RKT Warhead, solid steel, classified as MDAS.

Photograph #-37: **S12-J8-04** – 40mm Cartridge Base with live primer, classified as MDEH.

Photograph #-38: **S12-J9-05** – 40mm Cartridge Base with live primer, classified as MEC.

Photograph #-39: **S12-H8-06** – 40mm Cartridge Base with live primer, classified as MEC.

MEC/MPPEH Items

Photograph #-40: **S12-F6-07** – Unknown Fuze, expended, classified as MPPEH.

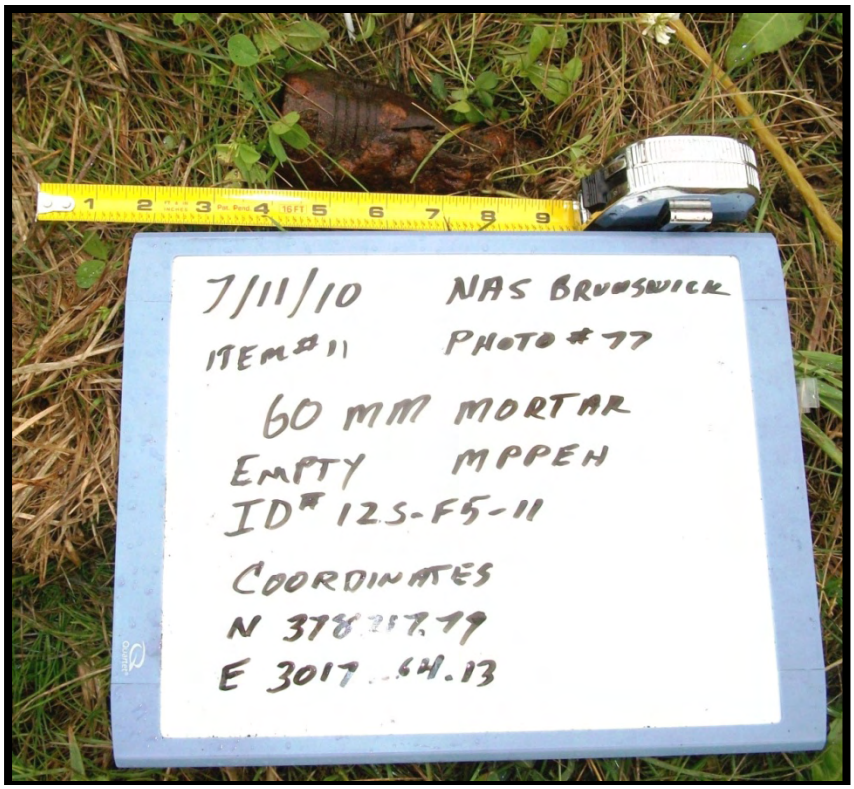
Photograph #-41: **S12-F6-08** – 40mm grenade, appears to be a solid practice round, classified as MPPEH.

MEC/MPPEH Items

Photograph #-42: **S12-F6-09** – Smoke Grenade M-18, expended but with fuze, classified as MPPEH.

Photograph #-43: **S12-F6-10 –** Smoke Grenade M-18, Expended but with fuze, classified as MPPEH.

MEC/MPPEH Items

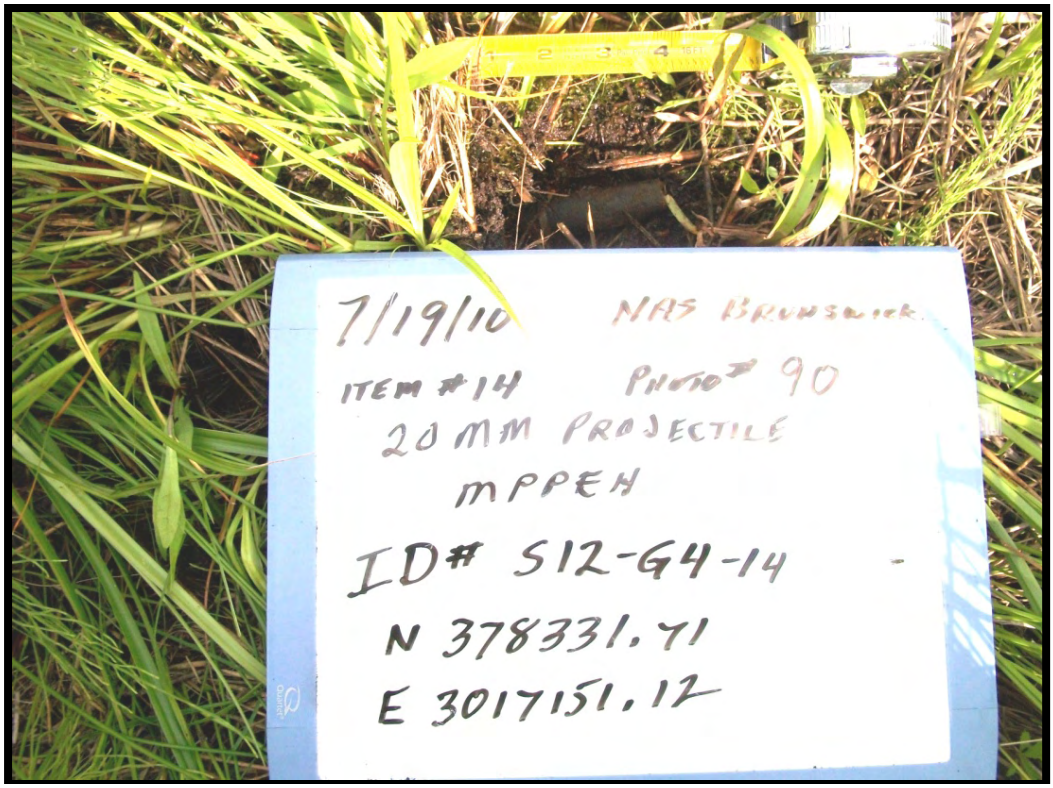


Photograph #-44: **S12-F5-11** – 60 mm mortar, empty, classified as MPPEH.

Photograph #-45: S12-F5-12 –Bulk propellant filler exposed in unknown type rocket, classified as MPPEH.

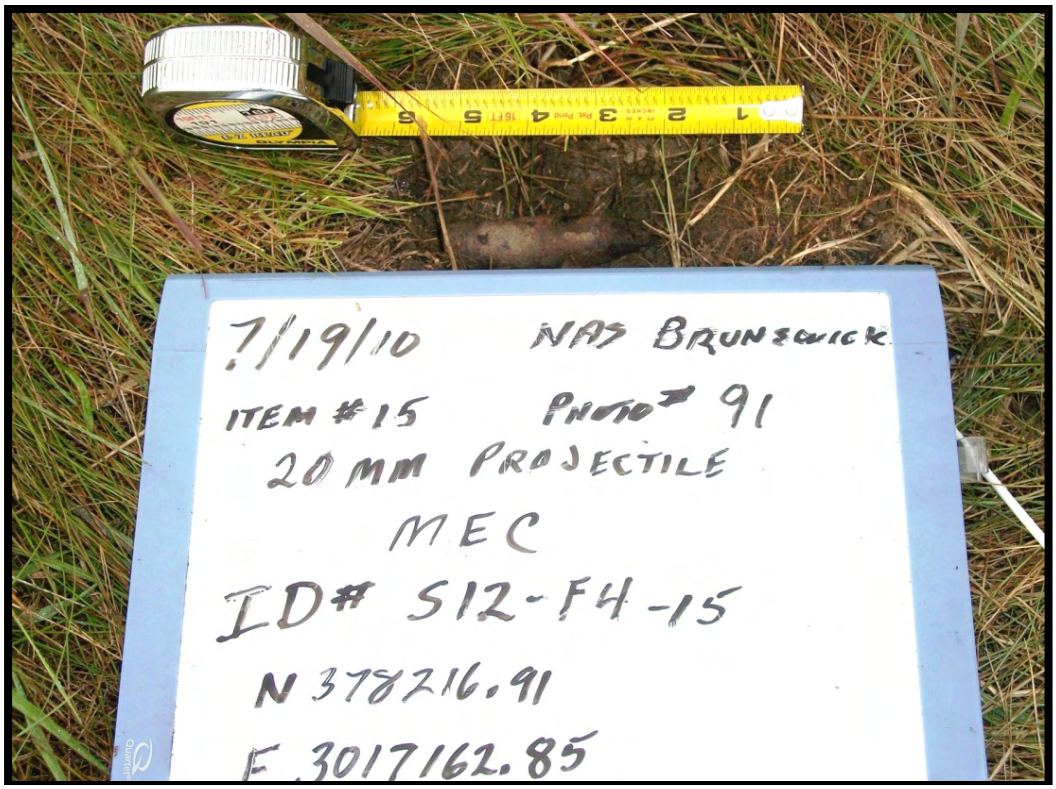
MEC/MPPEH Items

Photograph #-46: **S12-F5-13** – Fuze Component, appears to be expended, classified as MPPEH, BIP (7/14/2010), and destroyed.



Photograph #-47: **S12-G4-14** –20mm projectile, intact without fuze, classified as MPPEH.

MEC/MPPEH Items



Photograph #-48: **S12-F4-15** – 20mm Projectile, with fuse but unfired, classified as MEC, BIP (7/20/2010), and destroyed.

Photograph #-49: **S12-B7-16** – M904 Bomb Nose Fuze, intact but corroded, classified as MPPEH.

MEC/MPPEH Items

Photograph #-50: **S12-H2-17** – 81mm Practice Mortar, empty, unfuzed, (solid round), classified as MDAS.

Photograph #-51: **S12-G3-18** – 75mm Projectile, empty, classified as MPPEH.

MEC/MPPEH Items

Photograph #-52: **S12-G3-19** – 75mm Projectile, empty, classified as MDAS.

Photograph #-53: **S12-G2-20** – AN-MK228 Tail Fuze, fully loaded, classified as MEC, BIP (7/27/10), and destroyed.

MEC/MPPEH Items

Photograph #-54: **S12-Trench7-21** – 75mm projectile base (12 inches deep), classified as MDAS.

Photograph #-55: **S12-Trench7-22** – Fragment (18 inches deep), classified as MDAS.

MEC/MPPEH Items

Photograph #-56: **S12-Trench7-23** – Ballistic shield (24 inches deep), classified as MDAS.

Photograph #-57: **S12-Trench7-24** – Fragment (8 inches deep), classified as MDAS.

MEC/MPPEH Items

Photograph #-58: **S12-Trench7-25** – 40mm Cartridge Base (6 inches deep), classified as MDAS.

Photograph #-59: **S12-Trench7-26** – Ejection cartridge bases (3 inches deep), classified as MDAS.

MEC/MPPEH Items

Photograph #-60: **S12-Trench8-27**– Fuze Unknown, intact fire (42 inches deep), classified as MPPEH.

Photograph #-61: **S12-Trench8-28** – 37mm cartridge base (18 inches deep), classified as MDAS.

MEC/MPPEH Items

Photograph #-62: **S12-Trench8-29** – 2.5' Rocket motor, unknown (30 inches deep), classified as MDAS.

Photograph #-63: **S12-Trench8-30** – Rocket motor Venturi (24 inches deep), classified as MDAS.

MEC/MPPEH Items

Photograph #-64: **S12-Trench10-31** – 2.25 SCAR warhead (36 inches deep), classified as MDAS.

Photograph #-65: **S12-Trench10-32** – 2.75 Rocket Venturi (30 inches deep), classified as MDAS.

MEC/MPPEH Items

Photograph #-66: **S12-Trench10-33** – rotating band 5-inch projectile (30 inches deep), classified as MDAS.

Photograph #-67: **S12-Trench10-34** – approximately 0.5 lbs Bulk High Explosive (24 inches deep), classified as MEC.

MEC/MPPEH Items

Photograph #-68: **S12-Trench10-35** – Fuze Unknown (18 inches deep), classified as MDAS.

MEC/MPPEH Items

Photograph #-69: **S12-Trench10-36** – Torpedo MK 34 (12 inches deep), classified as MDAS.

MEC/MPPEH Items

Photograph #-70: **S12-Trench10-37** – Fuze Unknown, classified as MDAS.

Photograph #-71: **S12-G1-38** – Gator Mine, classified as MPPEH.

Explosive Treatments

Photograph #-72: Detonation of multiple items conducted on 7-14-10. UXO Technician preparing each item for treatment so that each item has its own donor charge.

Explosive Treatments

Photograph #-73: Detonation, conducted on 7-14-10, is prepared each item is prepared with its own donor charge.

Explosive Treatments

Photograph #-74: Detonation area following treatment with donor charges, conducted on 7-14-10.

Explosive Treatments

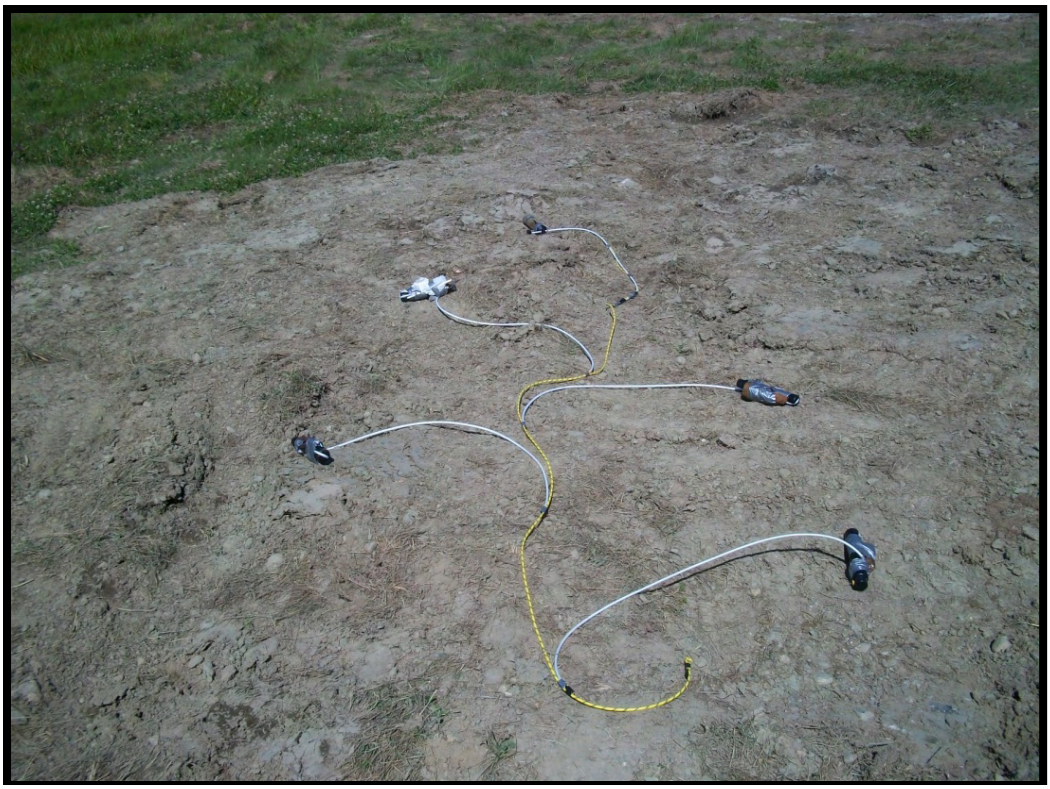
Photograph #-75: MDAS remaining after the thermal treatment, conducted on 7-14-10.

Photograph #-76: MDAS remaining after the treatment with donor charges, conducted on 7-14-10.

Explosive Treatments

Photograph #-77: **S12-F4-15** - 20mm Projectile unfired, with fuse. BIP, conducted on 7-20-10.

Explosive Treatments



Photograph #-78: Treatment of multiple MPPEH items conducted on 7/27/2010.

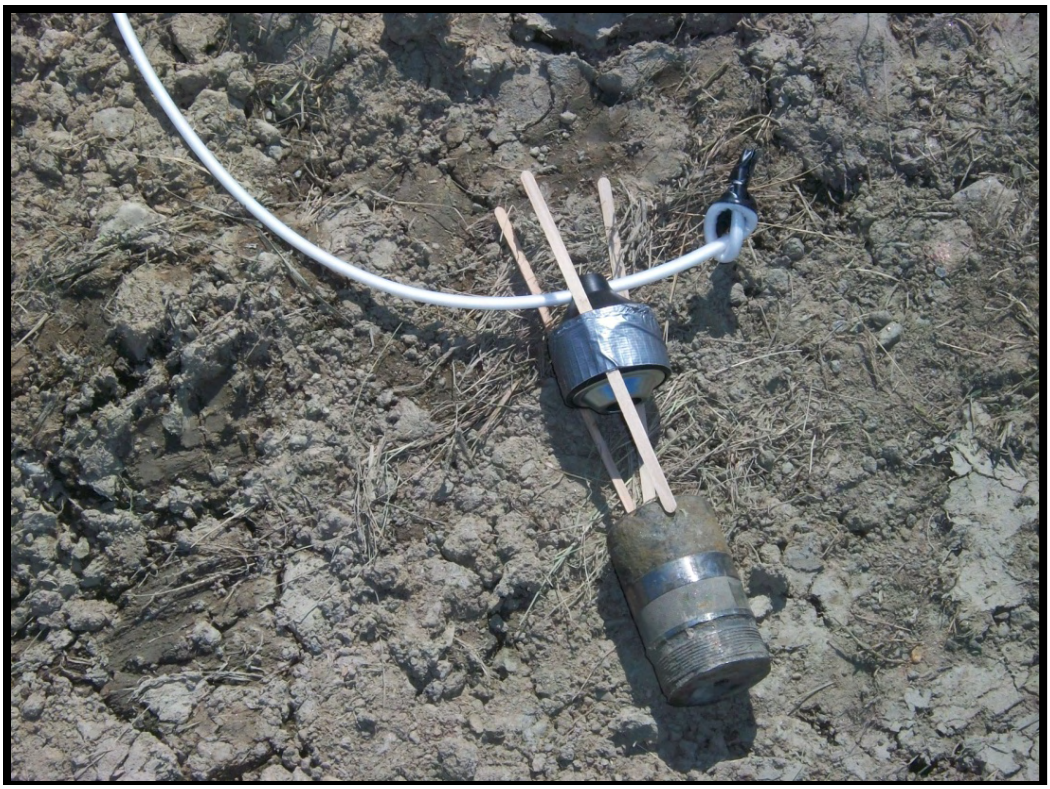
Explosive Treatments

Photograph #-79: **S12-G4-14** - 20 MM Projectile treated on 7/27/2010.

Explosive Treatments

Photograph #-80: **S12-F5-11** - 60 MM Mortar treated on 7/27/2010.

Explosive Treatments



Photograph #-81: **S12-Trench8-27** – Unknown fuze, treated 7/27/2010.

Explosive Treatments

Photograph #-82: 20 MM Projectile

Explosive Treatments

Photograph #-83: **S12-G2-20** – AN-MK228 Tail Fuse, BIP (7/27/208) successful.

Explosive Treatments

Photograph #-84: Detonation of multiple items conducted on 8/13/2010. Note all items have individual donor charges and sandbagging.

Photograph #-85: Detonation of multiple items conducted on 8/13/2010. Note all items have individual donor charges and sandbagging.

Explosive Treatments

Photograph #-86: Detonation of multiple items conducted on 8/13/2010. Note all items have individual donor charges and sandbagging.

Photograph #-87: Detonation of multiple items conducted on 8/13/2010.

Explosive Treatments

Photograph #-88: Demolition shot conducted on 8/13/10 on MK 34 Torpedo.

Photograph #-89: Final demolition shot to use remaining explosives on 8/13/2010.

Non-munitions Debris

Photograph #-90: Non-munitions-related debris pile.

Off Site Disposal

Photograph #-91: **Container 1** –Drum containing MDAS scrap and treatment remnants, certified 9/28/10.

Photograph #-92: Container 2 –MK82 500 pound bomb (treated), certified 9/28/10 as MDAS.

Off Site Disposal

Photograph #-93: Container 3 – MK 34 Torpedo, certified 9/28/10 as MDAS.

Photograph #-94: Container 4 – MK 34 Torpedo tail assembly certified 9/28/10 as MDAS.

Off Site Disposal

Photograph #-95: Container 4 being loaded onto the truck for offsite disposal.

Instrument Verification Strip (IVS)
October 2011

Photograph #-96: IVS small test item

Photograph #-97: IVS medium test item.

Instrument Verification Strip (IVS)
October 2011

Photograph #-98: IVS large test item.

Vegetation Management
October-November 2011

Photograph #-99: Site 12 Looking North.

Photograph #-100: Site 12 Looking Northeast.

Vegetation Management
October-November 2011

Photograph #-101: Prior to cutting cattails in the wetlands at Site 12.

Photograph #-102: Prior to cutting cattails in the wetlands at Site 12.

Vegetation Management
October-November 2011

Photograph #-103: Cutting wetlands Site 12.

Photograph #-104: Cut wetlands at Site 12

Vegetation Management
October-November 2011

Photograph #-105: Cut wetlands at Site 12

Photograph #-106: Cut wetlands at Site 12

Vegetation Management
October-November 2011

Photograph #-107: Moving cut cattails from wetlands Site 12

Photograph #-108: Moving cut cattails from wetlands Site 12.

Vegetation Management
October-November 2011

Photograph #-109: Cut cattails in the wetlands at Site 12

Photograph #-110: Cut cattails in the wetlands at Site 12

Vegetation Management
October-November 2011

Photograph #-110: Cut cattails in the wetlands at Site 12

Photograph #-111: Cut grasses in the wetlands at Site 12

Vegetation Management
October-November 2011

Photograph #-112: Snow on Cut wetlands at Site 12

Photograph #-113: Snow on Cut wetlands at Site 12.

Vegetation Management
October-November 2011

Photograph #-114: Snow on Cut wetlands at Site 12.

Photograph #-115: Snow on Cut wetlands at Site 12.

APPENDIX D

FIELD ACTIVITY LOGS

D.1 MEC TRACKING LOG

D.2 MEC ACCOUNTABILITY FORMS

D.3 AUTHORIZATION TO INSPECT AND CERTIFY MPPEH

D.4 MDAS DISPOSAL-CERTIFICATION

D.1 MEC TRACKING LOG

MEC TRACKING LOG
Naval Air Station Brunswick, Brunswick, Maine

SITE: Site 12 EOD Range

ID #	ITEM IDENTIFICATION	UXO TECH NAME	ITEM COORDINATES	DATE/TIME FOUND	DIGITAL PHOTGRAPH NUMBER	ARMED / UNARMED	PHYSICAL CONDITION / APPEARANCE	DATE DESTROYED Treated /
1	MK82 Bomb w/ MK31 MOD1	EOHA	N398342.28 E3018880.05	6/15/10	S12-G2-01	MPPEH UNARMED	M31 MOD1 safing Device	vented 6/30/10
2	Fuze	montes	N378752.83 E3016961.35	6/21/10	S12-L2-02	MPPEH UNARMED	expended UK INTACT	6/30/10
3	40mm Ctg CASE	montes	N378544.89 E3017532.02	7/8/10	S12-J8-04	MPPEH ARMED	Live Primer	7/14/10
4	40mm Ctg case	montes	N378601.67 E3017623.00	7/8/10	S12-J9-05	MPPEH armed	Live Primer	7/14/10
5	40mm Ctg Case	montes	N378492.96 E3017588.78	7/8/10	S12-H8-06	MPPEH ARMED	Live Primer	7/14/10
6	Fuze unk	montes	N378231.51 E3017375.41	7/11/10	S12-F6-07	MPPEH	Expended unk	7/14/10
7	40mm Practice Projectile	montes	N378241.30 E ~~378241~~ 3017355.45	7/11/10	S12-F6-08	MPPEH	Expended unk	7/14/10
8	Smoke Grenade M18	montes	N378278.43 E3017316.83	7/11/10	S12-F6-09	MPPEH	Expended	7/14/10

NES Portland

MEC TRACKING LOG
Naval Air Station Brunswick, Brunswick, Maine

SITE: Site 12 EOD Range

ID #	ITEM IDENTIFICATION	UXO TECH NAME	ITEM COORDINATES	DATE/TIME FOUND	DIGITAL PHOTGRAPH NUMBER	ARMED / UNARMED	PHYSICAL CONDITION / APPEARANCE	DATE DESTROYED Treated /	
9	Smoke Grenade M18 (Red)	montes	N 378212.74 E 3017297.05	7/11/10	S12-F6-10	MPPEH	Expended	7/14/10	✓
10	60mm MORTAR	montes	N 378217.79 E 3017264.13	7/11/10	S12-F5-11	MPPEH	empty	7/27/10	✓
11	Propellant	montes	N 378286.86 E 3017213.49	7/11/10	S12-F5-12	MPPEH	Bulk	7/14/10	✓
12	Fuze Component	montes	N 378259.13 E 3017285.85	7/12/10	S12-F5-13	MPPEH	Empty	7/14/10	✓
13	20mm Projectile		N 378331.71 E 3017157.12	7/19/10	S12-G4-14	MPPEH	INTACT NO FUZE	7/27/10	✓
14	20mm Projectile		N 378216.91 E 3017162.85	7/19/10	S12-F4-15	~~MPPEH~~ MEC	INTACT W/ Possible fuze	7/20/10 / 7/27/10	✓
15	M904 fuze		N 377832.68 E 3017448.59	7/20/10	S12-B7-16	MPPEH	INTACT BUT CORODED	held for Certification 7/20/10	✓ Destroyed 8/4/10
16	MORTAR 81mm PRACTICE	montes	N 378464.71 E 3016950.53	7/25/10	S12-H2-17	MPPEH	Empty Solid	held for Cert 7/28/10	Destroyed 8/4/10
17	PROJECTILE 75mm (empty)	montes	N 378416.31 E 3017025.65	7/25/10	S12-G3-18	MPPEH	empty	Container #1	

MEC TRACKING LOG
Naval Air Station Brunswick, Brunswick, Maine

SITE: Site 12 EOD Range

ID #	ITEM IDENTIFICATION	UXO TECH NAME	ITEM COORDINATES	DATE/TIME FOUND	DIGITAL PHOTGRAPH NUMBER	ARMED / UNARMED	PHYSICAL CONDITION / APPEARANCE	DATE DESTROYED Treated /
17	Projectile 75mm (empty)	mortar	N 378352.23 E 3017069.79	7/25/10	S12-G3-19	MPPEH	empty	Container #1
18	Fuze TAIL AN-MK 228	mortar	N 378343.20 E 3016874.95	7/25/10	S12-G2-20	MEC ~~MPPEH~~	intact armed	7/27/10
19	Proj Base 75MM 1" Deep		N 378217.15 E 3017331.06	7/26/10	S12-Trench 7-21	MPPEH	empty	Container #1.
20	Frag 18"		N 378219.31 E 3017326.33	7/26/10	S12-Trench 7-22	MPPEH	N/A	Container #1
21	Ballistic Shield 21 Deep		N 378221.46 E 3017325.36	7/26/10	S12-Trench 7-23	MPPEH	empty	Container #1
22	Frag 8"		N 378225.82 E 3017323.60	7/26/10	S12-Trench 7-24	MPPEH	N/A	Container #1
23	40mm Cty Base 6"		N 378228.05 E 3017320.70	7/26/10	S12-Trench 7-25	MPPEH	Empty	Container #1
24	Ejection Cart Base 3"		N 378230.36 E 3017320.35	7/26/10	S12-Trench-7-26	MPPEH	Empty	Container #1
25	Fuze unknown 2"		N 378253.99 E 3017323.14	7/26/10	S12-Trench 8-27	MPPEH	intact Fired	7/27/10

MEC TRACKING LOG
Naval Air Station Brunswick, Brunswick, Maine

SITE: Site 12 EOD Range

ID #	ITEM IDENTIFICATION	UXO TECH NAME	ITEM COORDINATES	DATE/TIME FOUND	DIGITAL PHOTGRAPH NUMBER	ARMED / UNARMED	PHYSICAL CONDITION / APPEARANCE	DATE DESTROYED /
26	37mm Ctg Base 18"		N 378251.46 E 3017324.59	7/26/10	S12-Trench-8-28	MPPEH	empty	Container #1
27	2½" Type Rocket motor UNK		N 378246.42 E 3017330.32	7/26/10	S12-Trench-8-29	MPPEH	empty	Container #1
28	Component 21 Rocket motor		N 378239.91 E 3017333.44	7/26/10	S12-Trench-8-30	MPPEH	empty	Container #1
29	Gator mine		N 378536.43 E 3016785.96	8/4/10	S12-G1-38	MPPEH	inert?	8/4/10
30	Bulk HE		N 378242.30 E 3017306.19	7/28/10	S12-Trench-10-34	MEC	Bklk HE	8/4/10

D.2 MEC ACCOUNTABILITY FORMS

MEC DATA AND ACCOUNTABILITY FORM

FOR UXO TEAM USE

Site Name: NAS Brunswick Site 12 | Team Leader: Mark Soha

Grid or Lane Number: G-2 | Work Area: Site 12 | Date: 6/15/10

Location: X (Lat): N378342.28 | Y (Long): E 3016880.05 | Location Type (UW or UG): Surface

Other Location Information: _____

Depth (feet): Ø | Inclination (Degrees): _____ | Orientation (N–S, E-W): _____

TARGET/ANOMALY CHARACTERISTICS

Type of Target/Find: ☒ Surface Find ☐ Mag & Dig Target ☐ Primary Geo Target ☐ Validation (QA/QC) ☐ No Dig

Type of Anomaly: ☒ UXO ☒ MEC ☐ Inert ☐ Practice ☐ MC (waste) ☐ MD (scrap) ☐ Metal Waste ☐ No Find ☐ Rock ☐ Rust Layer ☐ Oxidation ☐ Misc.: _____

Diameter/Width: 10" | Length: 61" | Estimated Weight: 500 lbs

DIGITAL PHOTO RECORD

Was photo taken? ☒ Yes ☐ No | Camera No.: | Frame No.: 13-16 | File Name: ~~[illegible]~~ S12-G-2-01

MUNITIONS NOMENCLATURE (If Known, Record Below and record fuze condition and disposition)

Munitions Mark/Mod: MK 82

Fuze Mark/Mod: ☐ Nose: _____ ☒ Tail: MK 31 MOD 1 ☐ Transverse: _____ ☐ Casing: _____

N.E.W. Total: UKN

MUNITIONS CHARACTERISTICS

Munitions Filler: ☐ Explosive ☒ Inert ☐ Propellant ☐ Pyrotechnic ☐ Unknown ☐ Other: _____

Munitions Category: ☐ Depth Charges ☐ Land Mine ☐ Projectiles ☐ Sea Mines ☒ Bombs ☐ Grenades ☐ Misc. Explosive Devices ☐ Pyrotechnics and Flares ☐ Small Arms ☐ Clusters/Dispensers ☐ Guided Missiles ☐ Mortars ☐ Rockets ☐ Torpedoes

FUZE CHARACTERISTICS

Fuze Location(s) (check all that apply): ☐ Nose ☒ Tail ☐ Transverse ☐ Casing

Breaks in Fuze Body? ☐ Yes ☐ No

Fuze Markings: MK 31 MOD 1

Fuzing Type(s): ☐ Hydrostatic ☐ MT Long Delay ☐ Powder Train Time Fuze ☐ Nose MT/Tail Impact Inertia ☐ All-ways Acting ☐ Impact ☐ MT Superquick ☐ Pressure ☐ Pt-initiating-Base-detonating ☐ Base Detonating ☐ Influence ☐ Piezo-Electric ☐ Proximity (VT) ☐ Electric ☐ Mech Time (MT) ☐ Point Detonating (PD) ☐ Nose MT/Tail Pressure

Fuze Length: | Fuze Diameter: | Diameter of Fuze Well:

MEC STATUS & PHYSICAL CONDITION (Check all that apply)

☐ Armed ☐ Unarmed ☐ Fired ☐ Unfired
☐ Intact ☐ Broken Open ☐ Filler Visible ☒ Soil Staining

FOR SUXOS USE

Disposition: (Clarify Under Remarks) ☐ Transferred ☐ Transported ☐ Left In Place ☐ Destroyed ☒ BIP ☐ Other: Vented | Date: 6/16/10

Client Notifications By: Syd Rodgers | Signature: | Date

Transferred To: | Signature: | Date:

Destroyed By: ~~EOD Tacy~~ Newport Beach | Signature | Date: 6/16/10

Remarks: Vented by UXO Team (Syd Rodgers) on 6/30/10

SUXOS Signature: [signature] | Date: 6/30/10

Revised April 2006

MEC DATA AND ACCOUNTABILITY FORM

FOR UXO TEAM USE

Site Name: NAS Brunswick Site 12 | Team Leader: F. Montez

Grid or Lane Number: L-2 | Work Area: Site 12 | Date: 6/21/10

Location: X (Lat): 378752.83 Y (Long): 3016961.35 Location Type (UW or UG): Surface

Other Location Information: _____

Depth (feet): Ø Inclination (Degrees): _____ Orientation (N-S, E-W): _____

TARGET/ANOMALY CHARACTERISTICS

Type of Target/Find: ☒ Surface Find ☐ Mag & Dig Target ☐ Primary Geo Target ☐ Validation (QA/QC) ☐ No Dig

Type of Anomaly: ☐ UXO ☒ MEC ☐ Inert ☐ Practice ☐ MC (waste) ☐ MD (scrap) ☐ Metal Waste ☐ No Find ☐ Rock ☐ Rust Layer ☐ Oxidation ☐ Misc.: _____

Diameter/Width: | Length: | Estimated Weight: UK

DIGITAL PHOTO RECORD

Was photo taken? ☒ Yes ☐ No | Camera No.: | Frame No.: | File Name: 512-LA-02

MUNITIONS NOMENCLATURE (If Known, Record Below and record fuze condition and disposition)

Munitions Mark/Mod: Fuze

Fuze Mark/Mod: ☐ Nose: _____ ☐ Tail: _____ ☐ Transverse: _____ ☐ Casing: _____

N.E.W. Total: UNK

MUNITIONS CHARACTERISTICS

Munitions Filler: ☒ Explosive ☐ Inert ☐ Propellant ☐ Pyrotechnic ☐ Unknown ☐ Other: _____

Munitions Category: ☐ Depth Charges ☐ Land Mine ☐ Projectiles ☐ Sea Mines ☐ Bombs ☐ Grenades ☒ Misc. Explosive Devices ☐ Pyrotechnics and Flares ☐ Small Arms ☐ Clusters/Dispensers ☐ Guided Missiles ☐ Mortars ☐ Rockets ☐ Torpedoes

FUZE CHARACTERISTICS

Fuze Location(s) (check all that apply): ☐ Nose ☐ Tail ☐ Transverse ☐ Casing

Breaks in Fuze Body? ☐ Yes ☐ No

Fuze Markings:

Fuzing Type(s): ☐ Hydrostatic ☐ MT Long Delay ☐ Powder Train Time Fuze ☐ Nose MT/Tail Impact Inertia ☐ All-ways Acting ☐ Impact ☐ MT Superquick ☐ Pressure ☐ Pt-initiating-Base-detonating ☐ Base Detonating ☐ Influence ☐ Piezo-Electric ☐ Proximity (VT) ☐ Electric ☐ Mech Time (MT) ☐ Point Detonating (PD) ☐ Nose MT/Tail Pressure

Fuze Length: | Fuze Diameter: | Diameter of Fuze Well:

MEC STATUS & PHYSICAL CONDITION (Check all that apply)

☐ Armed ☐ Unarmed ☐ Fired ☐ Unfired
☐ Intact ☒ Broken Open ☐ Filler Visible ☒ Soil Staining

FOR SUXOS USE

Disposition: (Clarify Under Remarks) ☐ Transferred ☐ Transported ☐ Left In Place ☐ Destroyed ☒ BIP ☐ Other: _____ | Date:

Client Notifications By: | Signature: | Date

Transferred To: | Signature: | Date:

Destroyed By: Syd Rodgers | Signature | Date: 6/30/10

Remarks: _____

SUXOS Signature: [signature] | Date: 6/30/10

Revised April 2006

MEC DATA AND ACCOUNTABILITY FORM

FOR UXO TEAM USE

Site Name: BRUNSWICK NAS SITE 12 | Team Leader: MARK SOHA

Grid or Lane Number: J-8 | Work Area: SITE 12 | Date: 7-8-10

Location: X (Lat): 378544.89N Y (Long): 3017532.02 E Location Type (UW or UG): SURFACE

Other Location Information: _____

Depth (feet): 0 Inclination (Degrees): _____ Orientation (N–S, E-W): _____

TARGET/ANOMALY CHARACTERISTICS

Type of Target/Find: ☒ Surface Find ☐ Mag & Dig Target ☐ Primary Geo Target ☐ Validation (QA/QC) ☐ No Dig

Type of Anomaly: ☒ UXO ☒ MEC ☐ Inert ☐ Practice ☐ MC (waste) ☐ MD (scrap) ☐ Metal Waste
☐ No Find ☐ Rock ☐ Rust Layer ☐ Oxidation ☐ Misc.: ~~NONE~~

Diameter/Width: 40 MM | Length: 2 IN | Estimated Weight: UNK

DIGITAL PHOTO RECORD

Was photo taken? ☒ Yes ☐ No | Camera No.: | Frame No.: 68-69 | File Name: S12-J8-04

MUNITIONS NOMENCLATURE (If Known, Record Below and record fuze condition and disposition)

Munitions Mark/Mod: 40MM CARTRIDGE CASE

Fuze Mark/Mod: N/A
☐ Nose: _____ ☐ Tail: _____
☐ Transverse: _____ ☐ Casing: _____

N.E.W. Total: UNK

MUNITIONS CHARACTERISTICS

Munitions Filler: ☐ Explosive ☐ Inert ☐ Propellant ☒ Pyrotechnic ☐ Unknown ☐ Other: PERCUSSION CAP

Munitions Category:
☐ Depth Charges ☐ Land Mine ☐ Projectiles ☐ Sea Mines
☐ Bombs ☒ Grenades ☐ Misc. Explosive Devices ☒ Pyrotechnics and Flares ☐ Small Arms
☐ Clusters/Dispensers ☐ Guided Missiles ☐ Mortars ☐ Rockets ☐ Torpedoes

FUZE CHARACTERISTICS

Fuze Location(s) (check all that apply): N/A
☒ Nose ☐ Tail ☐ Transverse ☐ Casing

Breaks in Fuze Body? ☐ Yes ☐ No

Fuze Markings: N/A

Fuzing Type(s):
☐ Hydrostatic ☐ MT Long Delay ☐ Powder Train Time Fuze ☐ Nose MT/Tail Impact Inertia
☐ All-ways Acting ☒ Impact ☐ MT Superquick ☐ Pressure ☐ Pt-initiating-Base-detonating
☐ Base Detonating ☐ Influence ☐ Piezo-Electric ☐ Proximity (VT)
☐ Electric ☐ Mech Time (MT) ☐ Point Detonating (PD) ☐ Nose MT/Tail Pressure

Fuze Length: N/A | Fuze Diameter: N/A | Diameter of Fuze Well: N/A

MEC STATUS & PHYSICAL CONDITION (Check all that apply)

☐ Armed ☒ Unarmed ☐ Fired ☒ Unfired
☐ Intact ☒ Broken Open ☐ Filler Visible ☐ Soil Staining

FOR SUXOS USE

Disposition: (Clarify Under Remarks)
☐ Transferred ☐ Transported ☐ Left In Place ☑ Destroyed ☐ BIP ☐ Other: _____ | Date:

Client Notifications By: | Signature: | Date

Transferred To: | Signature: | Date:

Destroyed By: mark Soha | Signature | Date: 7/14/10

Remarks: _____

SUXOS Signature: [signature] | Date: 7/14/10

Revised April 2006

MEC DATA AND ACCOUNTABILITY FORM

FOR UXO TEAM USE

Site Name: BRUNSWICK NAS SITE 12 | Team Leader: MARK SOHA

Grid or Lane Number: J-89 | Work Area: SITE 12 | Date: 7-8-10

Location: X (Lat): 378601.67 N | Y (Long): 3017623.00 E | Location Type (UW or UG): SURFACE

Other Location Information: _____

Depth (feet): 0 | Inclination (Degrees): _____ | Orientation (N–S, E-W): _____

TARGET/ANOMALY CHARACTERISTICS

Type of Target/Find: ☒ Surface Find ☐ Mag & Dig Target ☐ Primary Geo Target ☐ Validation (QA/QC) ☐ No Dig

Type of Anomaly: ☒ UXO ☒ MEC ☐ Inert ☐ Practice ☐ MC (waste) ☐ MD (scrap) ☐ Metal Waste ☐ No Find ☐ Rock ☐ Rust Layer ☐ Oxidation ☐ Misc.: _____

Diameter/Width: 40MM | Length: 2 IN | Estimated Weight:

DIGITAL PHOTO RECORD

Was photo taken? ☒ Yes ☐ No | Camera No.: | Frame No.: 90+91 | File Name: ~~S14~~ S12-J9-05

MUNITIONS NOMENCLATURE (If Known, Record Below and record fuze condition and disposition)

Munitions Mark/Mod: 40MM CARTRIDGE

Fuze Mark/Mod: N/A
☐ Nose: _____ ☐ Tail: _____
☐ Transverse: _____ ☐ Casing: _____

N.E.W. Total: N/A

MUNITIONS CHARACTERISTICS

Munitions Filler: ☐ Explosive ☐ Inert ☐ Propellant ☐ Pyrotechnic ☐ Unknown ☒ Other: PERCUSSION CAP

Munitions Category:
☐ Depth Charges ☐ Land Mine ☐ Projectiles ☐ Sea Mines
☐ Bombs ☒ Grenades ☐ Misc. Explosive Devices ☐ Pyrotechnics and Flares ☐ Small Arms
☐ Clusters/Dispensers ☐ Guided Missiles ☐ Mortars ☐ Rockets ☐ Torpedoes

FUZE CHARACTERISTICS

Fuze Location(s) (check all that apply): N/A
☐ Nose ☐ Tail ☐ Transverse ☐ Casing

Breaks in Fuze Body? N/A ☐ Yes ☐ No

Fuze Markings: N/A

Fuzing Type(s):
☐ Hydrostatic ☐ MT Long Delay ☐ Powder Train Time Fuze ☐ Nose MT/Tail Impact Inertia
☐ All-ways Acting ☒ Impact ☐ MT Superquick ☐ Pressure ☐ Pt-initiating-Base-detonating
☐ Base Detonating ☐ Influence ☐ Piezo-Electric ☐ Proximity (VT)
☐ Electric ☐ Mech Time (MT) ☐ Point Detonating (PD) ☐ Nose MT/Tail Pressure

Fuze Length: N/A | Fuze Diameter: N/A | Diameter of Fuze Well: N/A

MEC STATUS & PHYSICAL CONDITION (Check all that apply)

☐ Armed ☒ Unarmed ☐ Fired ☒ Unfired
☐ Intact ☒ Broken Open ☐ Filler Visible ☐ Soil Staining

FOR SUXOS USE

Disposition: (Clarify Under Remarks)
☐ Transferred ☐ Transported ☐ Left In Place ☒ Destroyed ☐ BIP ☐ Other: _____ | Date:

Client Notifications By: | Signature: | Date

Transferred To: | Signature: | Date:

Destroyed By: MARK SOHA | Signature | Date: 7/14/10

Remarks: _____

SUXOS Signature: [signature] | Date: 7/14/10

Revised April 2006

MEC DATA AND ACCOUNTABILITY FORM

FOR UXO TEAM USE

Site Name: BRUNSWICK NAS SITE 12 | Team Leader: MARK SOHA

Grid or Lane Number: 3 H-8 | Work Area: SITE 12 | Date: 7-8-10

Location: X (Lat): 378 492.86 N Y (Long): 3017588.78 E Location Type (UW or UG): SURFACE

Other Location Information: _____

Depth (feet): 0 Inclination (Degrees): _____ Orientation (N–S, E-W): _____

TARGET/ANOMALY CHARACTERISTICS

Type of Target/Find: ☒ Surface Find ☐ Mag & Dig Target ☐ Primary Geo Target ☐ Validation (QA/QC) ☐ No Dig

Type of Anomaly: ☒ UXO ☒ MEC ☐ Inert ☐ Practice ☐ MC (waste) ☐ MD (scrap) ☐ Metal Waste ☐ No Find ☐ Rock ☐ Rust Layer ☐ Oxidation ☐ Misc.: _____

Diameter/Width: 40MM | Length: 2 IN | Estimated Weight: UNK

DIGITAL PHOTO RECORD

Was photo taken? ☒ Yes ☐ No | Camera No.: | Frame No.: 72 | File Name: S12-H8-06

MUNITIONS NOMENCLATURE (If Known, Record Below and record fuze condition and disposition)

Munitions Mark/Mod: 40MM CARTRIDGE CASE

Fuze Mark/Mod: N/A ☐ Nose: _____ ☐ Tail: _____ ☐ Transverse: _____ ☐ Casing: _____

N.E.W. Total: UNK

MUNITIONS CHARACTERISTICS

Munitions Filler: ☐ Explosive ☐ Inert ☐ Propellant ☒ Pyrotechnic ☐ Unknown ☐ Other: PERCUSSION CAP

Munitions Category: ☐ Depth Charges ☐ Land Mine ☐ Projectiles ☐ Sea Mines ☐ Bombs ☒ Grenades ☐ Misc. Explosive Devices ☐ Pyrotechnics and Flares ☐ Small Arms ☐ Clusters/Dispensers ☐ Guided Missiles ☐ Mortars ☐ Rockets ☐ Torpedoes

FUZE CHARACTERISTICS

Fuze Location(s) (check all that apply): N/A ☒ Nose ☐ Tail ☐ Transverse ☐ Casing

Breaks in Fuze Body? ☐ Yes ☐ No

Fuze Markings: N/A

Fuzing Type(s): ☐ Hydrostatic ☐ MT Long Delay ☐ Powder Train Time Fuze ☐ Nose MT/Tail Impact Inertia ☐ All-ways Acting ☒ Impact ☐ MT Superquick ☐ Pressure ☐ Pt-initiating-Base-detonating ☐ Base Detonating ☐ Influence ☐ Piezo-Electric ☐ Proximity (VT) ☐ Electric ☐ Mech Time (MT) ☐ Point Detonating (PD) ☐ Nose MT/Tail Pressure

Fuze Length: N/A | Fuze Diameter: N/A | Diameter of Fuze Well: N/A

MEC STATUS & PHYSICAL CONDITION (Check all that apply)

☐ Armed ☒ Unarmed ☐ Fired ☒ Unfired ☐ Intact ☒ Broken Open ☐ Filler Visible ☐ Soil Staining

FOR SUXOS USE

Disposition: (Clarify Under Remarks) ☐ Transferred ☐ Transported ☐ Left In Place ☑ Destroyed ☐ BIP ☐ Other: _____ | Date:

Client Notifications By: | Signature: | Date

Transferred To: | Signature: | Date:

Destroyed By: MARK SOHA | Signature | Date: 7/14/10

Remarks: _____

SUXOS Signature: [signature] | Date: 7/14/10

Revised April 2006

MEC DATA AND ACCOUNTABILITY FORM

FOR UXO TEAM USE

Site Name: BRUNSWICK NAS SITE 12 | Team Leader: MARK SOHA

Grid or Lane Number: F-6 | Work Area: SITE 12 | Date: 7-11-10

Location: X (Lat): 378 231.57 N | Y (Long): 3017375.41 | Location Type (UW or UG): SURFACE

Other Location Information: _____

Depth (feet): 0 | Inclination (Degrees): _____ | Orientation (N-S, E-W): _____

TARGET/ANOMALY CHARACTERISTICS

Type of Target/Find: [X] Surface Find [ ] Mag & Dig Target [ ] Primary Geo Target [ ] Validation (QA/QC) [ ] No Dig

Type of Anomaly: [X] UXO [ ] MEC [ ] Inert [ ] Practice [ ] MC (waste) [ ] MD (scrap) [ ] Metal Waste [ ] No Find [ ] Rock [ ] Rust Layer [ ] Oxidation [ ] Misc.: MPPEH

Diameter/Width: 3.5 IN | Length: 4.5 IN | Estimated Weight: UNK

DIGITAL PHOTO RECORD

Was photo taken? [X] Yes [ ] No | Camera No.: | Frame No.: 73 | File Name: S12-F6-07

MUNITIONS NOMENCLATURE (If Known, Record Below and record fuze condition and disposition)

Munitions Mark/Mod: UNKNOWN FUZE

Fuze Mark/Mod: UNK
[ ] Nose: _____ [ ] Tail: _____
[ ] Transverse: _____ [ ] Casing: _____

N.E.W. Total: UNK

MUNITIONS CHARACTERISTICS

Munitions Filler: [ ] Explosive [ ] Inert [ ] Propellant [ ] Pyrotechnic [ ] Unknown [ ] Other: UNK

Munitions Category:
[ ] Depth Charges [ ] Land Mine [ ] Projectiles [ ] Sea Mines
[ ] Bombs [ ] Grenades [ ] Misc. Explosive Devices [ ] Pyrotechnics and Flares [ ] Small Arms UNK
[ ] Clusters/Dispensers [ ] Guided Missiles [ ] Mortars [ ] Rockets [ ] Torpedoes

FUZE CHARACTERISTICS

Fuze Location(s) (check all that apply): UNK
[ ] Nose [ ] Tail [ ] Transverse [ ] Casing

Breaks in Fuze Body? [ ] Yes [ ] No

Fuze Markings: NONE

Fuzing Type(s):
[ ] Hydrostatic [ ] MT Long Delay [ ] Powder Train Time Fuze [ ] Nose MT/Tail Impact Inertia
[ ] All-ways Acting [ ] Impact [ ] MT Superquick [ ] Pressure [ ] Pt-initiating-Base-detonating
[ ] Base Detonating [ ] Influence [ ] Piezo-Electric [ ] Proximity (VT)
[ ] Electric [ ] Mech Time (MT) [ ] Point Detonating (PD) [ ] Nose MT/Tail Pressure UNK

Fuze Length: 3.5 IN | Fuze Diameter: 1.5 IN | Diameter of Fuze Well: 1.5 IN

MEC STATUS & PHYSICAL CONDITION (Check all that apply)

[ ] Armed [ ] Unarmed [ ] Fired [ ] Unfired UNK
[ ] Intact [ ] Broken Open [ ] Filler Visible [ ] Soil Staining

FOR SUXOS USE

Disposition: (Clarify Under Remarks)
[ ] Transferred [ ] Transported [ ] Left In Place [X] Destroyed [ ] BIP [ ] Other: _____

Date:

Client Notifications By:	Signature:	Date
Transferred To:	Signature:	Date:
Destroyed By: mark soha	Signature	Date: 7/14/10

Remarks: _____

SUXOS Signature: [signature] | Date: 7/14/10

Revised April 2006

MEC DATA AND ACCOUNTABILITY FORM

FOR UXO TEAM USE

Site Name: BRUNSWICK NAS SITE 12 | Team Leader: MARK SOHA

Grid or Lane Number: F6 | Work Area: SITE 12 | Date: 7-11-10

Location: ~~X (Lat)~~: 378 291.30 N ~~Y (Long)~~: 3017355.45 | Location Type (UW or UG): SURFACE

Other Location Information: _____

Depth (feet): 0 | Inclination (Degrees): _____ | Orientation (N-S, E-W): _____

TARGET/ANOMALY CHARACTERISTICS

Type of Target/Find: ☒ Surface Find ☐ Mag & Dig Target ☐ Primary Geo Target ☐ Validation (QA/QC) ☐ No Dig

Type of Anomaly: ☐ UXO ☐ MEC ☐ Inert ☒ Practice ☐ MC (waste) ☒ MD (scrap) ☐ Metal Waste ☐ No Find ☐ Rock ☐ Rust Layer ☐ Oxidation ☐ Misc.: MPPEH

Diameter/Width: 40MM | Length: 3.5 IN | Estimated Weight: UNK

DIGITAL PHOTO RECORD

Was photo taken? ☒ Yes ☐ No | Camera No.: | Frame No.: | File Name: 512-F-6-08

MUNITIONS NOMENCLATURE (If Known, Record Below and record fuze condition and disposition)

Munitions Mark/Mod: 40MM TP DUMMY ROUND

Fuze Mark/Mod: N/A ☐ Nose: _____ ☐ Tail: _____ ☐ Transverse: _____ ☐ Casing: _____

N.E.W. Total: N/A ~~0~~

MUNITIONS CHARACTERISTICS

Munitions Filler: ☐ Explosive ☒ Inert ☐ Propellant ☐ Pyrotechnic ☐ Unknown ☐ Other: _____

Munitions Category: ☐ Depth Charges ☐ Land Mine ☒ Projectiles ☐ Sea Mines ☐ Bombs ☒ Grenades ☐ Misc. Explosive Devices ☐ Pyrotechnics and Flares ☐ Small Arms ☐ Clusters/Dispensers ☐ Guided Missiles ☐ Mortars ☐ Rockets ☐ Torpedoes

FUZE CHARACTERISTICS

Fuze Location(s) (check all that apply): N/A ☐ Nose ☐ Tail ☐ Transverse ☐ Casing

Breaks in Fuze Body? ☐ Yes ☐ No | Fuze Markings: N/A

Fuzing Type(s): N/A ☐ Hydrostatic ☐ MT Long Delay ☐ Powder Train Time Fuze ☐ Nose MT/Tail Impact Inertia ☐ All-ways Acting ☐ Impact ☐ MT Superquick ☐ Pressure ☐ Pt-initiating-Base-detonating ☐ Base Detonating ☐ Influence ☐ Piezo-Electric ☐ Proximity (VT) ☐ Electric ☐ Mech Time (MT) ☐ Point Detonating (PD) ☐ Nose MT/Tail Pressure

Fuze Length: N/A | Fuze Diameter: N/A | Diameter of Fuze Well: N/A

MEC STATUS & PHYSICAL CONDITION (Check all that apply)

☐ Armed ☒ Unarmed ☒ Fired ☐ Unfired ☐ Intact ☐ Broken Open ☐ Filler Visible ☐ Soil Staining

FOR SUXOS USE

Disposition: (Clarify Under Remarks) ☐ Transferred ☐ Transported ☐ Left In Place ☑ Destroyed ☐ BIP ☐ Other: _____ | Date:

Client Notifications By: | Signature: | Date

Transferred To: | Signature: | Date:

Destroyed By: mark soha | Signature | Date: 7/14/10

Remarks: _____

SUXOS Signature: [signature] | Date: 7/14/10

Revised April 2006

MEC DATA AND ACCOUNTABILITY FORM

FOR UXO TEAM USE

Site Name: BRUNSWICK NAS SITE 12 | Team Leader: MARK SOHA

Grid or Lane Number: F-6 | Work Area: SITE 12 | Date: 7-11-10

Location: X (Lat): 328278.43 N | Y (Long): 3017316.83 E | Location Type (UW or UG): SURFACE

Other Location Information: _____

Depth (feet): 0 | Inclination (Degrees): _____ | Orientation (N–S, E-W): _____

TARGET/ANOMALY CHARACTERISTICS

Type of Target/Find: ☒ Surface Find ☐ Mag & Dig Target ☐ Primary Geo Target ☐ Validation (QA/QC) ☐ No Dig

Type of Anomaly: ☐ UXO ☐ MEC ☐ Inert ☐ Practice ☐ MC (waste) ☐ MD (scrap) ☐ Metal Waste ☐ No Find ☐ Rock ☐ Rust Layer ☐ Oxidation ☐ Misc.: MDDEH

Diameter/Width: 3 IN | Length: 7 IN | Estimated Weight: UNK

DIGITAL PHOTO RECORD

Was photo taken? ☒ Yes ☐ No | Camera No.: | Frame No.: 75 | File Name: 512-F6-09

MUNITIONS NOMENCLATURE (If Known, Record Below and record fuze condition and disposition)

Munitions Mark/Mod: SMOKE GRENADE MK 18

Fuze Mark/Mod: UNK ☐ Nose: _____ ☐ Tail: _____ ☐ Transverse: _____ ☐ Casing: _____

N.E.W. Total: UNK

MUNITIONS CHARACTERISTICS

Munitions Filler: ☐ Explosive ☐ Inert ☐ Propellant ☒ Pyrotechnic ☐ Unknown ☐ Other: _____

Munitions Category: ☐ Depth Charges ☐ Land Mine ☐ Projectiles ☐ Sea Mines ☐ Bombs ☒ Grenades ☐ Misc. Explosive Devices ☒ Pyrotechnics and Flares ☐ Small Arms ☐ Clusters/Dispensers ☐ Guided Missiles ☐ Mortars ☐ Rockets ☐ Torpedoes

FUZE CHARACTERISTICS

Fuze Location(s) (check all that apply): N/A ☐ Nose ☐ Tail ☐ Transverse ☐ Casing

Breaks in Fuze Body? ☐ Yes ☐ No

Fuze Markings: N/A

Fuzing Type(s): ☐ Hydrostatic ☐ MT Long Delay ☒ Powder Train Time Fuze ☐ Nose MT/Tail Impact Inertia ☐ All-ways Acting ☐ Impact ☐ MT Superquick ☐ Pressure ☐ Pt-initiating-Base-detonating ☐ Base Detonating ☐ Influence ☐ Piezo-Electric ☐ Proximity (VT) ☐ Electric ☐ Mech Time (MT) ☐ Point Detonating (PD) ☐ Nose MT/Tail Pressure DELAY

Fuze Length: 1 IN | Fuze Diameter: .5 IN | Diameter of Fuze Well: .5 IN

MEC STATUS & PHYSICAL CONDITION (Check all that apply)

☐ Armed ☐ Unarmed ☒ Fired ☐ Unfired ☐ Intact ☒ Broken Open ☐ Filler Visible ☐ Soil Staining

FOR SUXOS USE

Disposition: (Clarify Under Remarks) ☐ Transferred ☐ Transported ☐ Left In Place ☑ Destroyed ☐ BIP ☐ Other: _____ | Date:

Client Notifications By: | Signature: | Date

Transferred To: | Signature: | Date:

Destroyed By: MARK SOHA | Signature | Date: 7/14/10

Remarks: _____

SUXOS Signature: [signature] | Date: 7/14/10

Revised April 2006

MEC DATA AND ACCOUNTABILITY FORM

FOR UXO TEAM USE

Site Name: BRUNSWICK NAS SITE 12 | Team Leader: MARK SOHA

Grid or Lane Number: F-6 | Work Area: SITE 12 | Date: 7-11-10

Location: X (Lat): 378212.74 N | Y (Long): 3017292.05 E | Location Type (UW or UG): SURFACE

Other Location Information: _____

Depth (feet): 0 | Inclination (Degrees): _____ | Orientation (N-S, E-W): _____

TARGET/ANOMALY CHARACTERISTICS

Type of Target/Find: ☒ Surface Find ☐ Mag & Dig Target ☐ Primary Geo Target ☐ Validation (QA/QC) ☐ No Dig

Type of Anomaly: ☐ UXO ☐ MEC ☐ Inert ☐ Practice ☐ MC (waste) ☐ MD (scrap) ☐ Metal Waste ☐ No Find ☐ Rock ☐ Rust Layer ☐ Oxidation ☐ Misc.: MDDEH

Diameter/Width: 3 IN | Length: 7 in | Estimated Weight: UNK

DIGITAL PHOTO RECORD

Was photo taken? ☒ Yes ☐ No | Camera No.: | Frame No.: 76 | File Name: 312-F6-10

MUNITIONS NOMENCLATURE (If Known, Record Below and record fuze condition and disposition)

Munitions Mark/Mod: M18 SMOKE GRENADE

Fuze Mark/Mod: UNK
☐ Nose: _____ ☐ Tail: _____
☐ Transverse: _____ ☐ Casing: _____

N.E.W. Total: UNK

MUNITIONS CHARACTERISTICS

Munitions Filler: ☐ Explosive ☐ Inert ☐ Propellant ☒ Pyrotechnic ☐ Unknown ☐ Other: _____

Munitions Category: ☐ Depth Charges ☐ Land Mine ☐ Projectiles ☐ Sea Mines
☐ Bombs ☒ Grenades ☐ Misc. Explosive Devices ☒ Pyrotechnics and Flares ☐ Small Arms
☐ Clusters/Dispensers ☐ Guided Missiles ☐ Mortars ☐ Rockets ☐ Torpedoes

FUZE CHARACTERISTICS

Fuze Location(s) (check all that apply): N/A
☐ Nose ☐ Tail ☐ Transverse ☐ Casing

Breaks in Fuze Body? ☐ Yes ☐ No

Fuze Markings: UNK

Fuzing Type(s): ☐ Hydrostatic ☐ MT Long Delay ☐ Powder Train Time Fuze ☐ Nose MT/Tail Impact Inertia
☐ All-ways Acting ☐ Impact ☐ MT Superquick ☐ Pressure ☐ Pt-initiating-Base-detonating
☐ Base Detonating ☐ Influence ☐ Piezo-Electric ☐ Proximity (VT)
☐ Electric ☐ Mech Time (MT) ☐ Point Detonating (PD) ☐ Nose MT/Tail Pressure DELAY

Fuze Length: 1 IN | Fuze Diameter: .5 IN | Diameter of Fuze Well: .5 IN

MEC STATUS & PHYSICAL CONDITION (Check all that apply)

☐ Armed ☐ Unarmed ☒ Fired ☐ Unfired
☐ Intact ☒ Broken Open ☐ Filler Visible ☐ Soil Staining

FOR SUXOS USE

Disposition: (Clarify Under Remarks) | Date:
☐ Transferred ☐ Transported ☐ Left In Place ☐ Destroyed ☐ BIP ☐ Other: _____

Client Notifications By:	Signature:	Date
Transferred To:	Signature:	Date:
Destroyed By: mark Soha	Signature	Date: 7/14/10

Remarks: _____

SUXOS Signature: [signature] | Date: 7/14/10

Revised April 2006

MEC DATA AND ACCOUNTABILITY FORM

FOR UXO TEAM USE

Site Name: BRUNSWICK NAS SITE 12 | Team Leader: MARK SOHA

Grid or Lane Number: F-5 | Work Area: SITE 12 | Date: 7-11-10

Location: X (Lat): 378 217.79 N | Y (Long): 301 7264.13 E | Location Type (UW or UG): SURFACE

Other Location Information: _____

Depth (feet): Ø | Inclination (Degrees): _____ | Orientation (N–S, E-W): _____

TARGET/ANOMALY CHARACTERISTICS

Type of Target/Find: ☒ Surface Find ☐ Mag & Dig Target ☐ Primary Geo Target ☐ Validation (QA/QC) ☐ No Dig

Type of Anomaly: ☒ UXO ☐ MEC ☐ Inert ☐ Practice ☐ MC (waste) ☐ MD (scrap) ☐ Metal Waste ☐ No Find ☐ Rock ☐ Rust Layer ☐ Oxidation ☐ Misc.: MPPEH

Diameter/Width: 60MM | Length: 7 IN | Estimated Weight: UNK

DIGITAL PHOTO RECORD

Was photo taken? ☒ Yes ☐ No | Camera No.: | Frame No.: 77 | File Name: S12-F5-11

MUNITIONS NOMENCLATURE (If Known, Record Below and record fuze condition and disposition)

Munitions Mark/Mod: 60MM MORTAR OLD STYLE

Fuze Mark/Mod: NA
☐ Nose: _____ ☐ Tail: _____
☐ Transverse: _____ ☐ Casing: _____

N.E.W. Total: NA

MUNITIONS CHARACTERISTICS

Munitions Filler: ☐ Explosive ☐ Inert ☐ Propellant ☐ Pyrotechnic ☐ Unknown ☒ Other: EMPTY

Munitions Category:
☐ Depth Charges ☐ Land Mine ☒ Projectiles ☐ Sea Mines
☐ Bombs ☐ Grenades ☐ Misc. Explosive Devices ☐ Pyrotechnics and Flares ☐ Small Arms
☐ Clusters/Dispensers ☐ Guided Missiles ☒ Mortars ☐ Rockets ☐ Torpedoes

FUZE CHARACTERISTICS

Fuze Location(s) (check all that apply): NA
☐ Nose ☐ Tail ☐ Transverse ☐ Casing

Breaks in Fuze Body? ☐ Yes ☐ No

Fuze Markings: N/A

Fuzing Type(s): N/A
☐ Hydrostatic ☐ MT Long Delay ☐ Powder Train Time Fuze ☐ Nose MT/Tail Impact Inertia
☐ All-ways Acting ☐ Impact ☐ MT Superquick ☐ Pressure ☐ Pt-initiating-Base-detonating
☐ Base Detonating ☐ Influence ☐ Piezo-Electric ☐ Proximity (VT)
☐ Electric ☐ Mech Time (MT) ☐ Point Detonating (PD) ☐ Nose MT/Tail Pressure

Fuze Length: N/A | Fuze Diameter: N/A | Diameter of Fuze Well: N/A

MEC STATUS & PHYSICAL CONDITION (Check all that apply)

☐ Armed ☒ Unarmed ☐ Fired ☐ Unfired
☐ Intact ☒ Broken Open ☐ Filler Visible ☐ Soil Staining

FOR SUXOS USE

Disposition: (Clarify Under Remarks)
☐ Transferred ☐ Transported ☐ Left In Place ☑ Destroyed ☐ BIP ☐ Other: _____

Date:

Client Notifications By:	Signature:	Date
Transferred To:	Signature:	Date:
Destroyed By: mark Soha	Signature	Date: 7/14/10

Remarks: _____

SUXOS Signature: [signature] | Date: 7/14/10

Revised April 2006

MEC DATA AND ACCOUNTABILITY FORM

FOR UXO TEAM USE

Site Name: BNAS BRUNSWICK SITE 12 | Team Leader: MARK SOHA

Grid or Lane Number: F-5 | Work Area: SITE 12 | Date: 7-11-10

Location: X (Lat): 378 286.86 N | Y (Long): 3017213.49 | Location Type (UW or UG): SURFACE

Other Location Information:

Depth (feet): 0 | Inclination (Degrees): | Orientation (N-S, E-W):

TARGET/ANOMALY CHARACTERISTICS

Type of Target/Find: ☒ Surface Find ☐ Mag & Dig Target ☐ Primary Geo Target ☐ Validation (QA/QC) ☐ No Dig

Type of Anomaly: ☒ UXO ☐ MEC ☐ Inert ☐ Practice ☐ MC (waste) ☐ MD (scrap) ☐ Metal Waste ☐ No Find ☐ Rock ☐ Rust Layer ☐ Oxidation ☐ Misc.: MPPEH

Diameter/Width: 2.5 IN | Length: 10 IN | Estimated Weight: UNK

DIGITAL PHOTO RECORD

Was photo taken? ☒ Yes ☐ No | Camera No.: | Frame No.: | File Name: S12-F5-12

MUNITIONS NOMENCLATURE (If Known, Record Below and record fuze condition and disposition)

Munitions Mark/Mod: UNKNOWN WITH FILLER EXPOSED ROCKET | Fuze Mark/Mod: N/A ☐ Nose: ☐ Tail: ☐ Transverse: ☐ Casing: | N.E.W. Total: UNK

MUNITIONS CHARACTERISTICS

Munitions Filler: ☐ Explosive ☐ Inert ☒ Propellant ☐ Pyrotechnic ☐ Unknown ☐ Other:

Munitions Category: ☐ Depth Charges ☐ Land Mine ☐ Projectiles ☐ Sea Mines ☐ Bombs ☐ Grenades ☐ Misc. Explosive Devices ☐ Pyrotechnics and Flares ☐ Small Arms ☐ Clusters/Dispensers ☐ Guided Missiles ☐ Mortars ☒ Rockets ☐ Torpedoes

FUZE CHARACTERISTICS

Fuze Location(s) (check all that apply): N/A ☐ Nose ☐ Tail ☐ Transverse ☐ Casing | Breaks in Fuze Body? ☐ Yes ☐ No | Fuze Markings: N/A

Fuzing Type(s): ☐ Hydrostatic ☐ MT Long Delay ☐ Powder Train Time Fuze ☐ Nose MT/Tail Impact Inertia ☐ All-ways Acting ☐ Impact ☐ MT Superquick ☐ Pressure ☐ Pt-initiating-Base-detonating ☐ Base Detonating ☐ Influence ☐ Piezo-Electric ☐ Proximity (VT) ☐ Electric ☐ Mech Time (MT) ☐ Point Detonating (PD) ☐ Nose MT/Tail Pressure

Fuze Length: N/A | Fuze Diameter: N/A | Diameter of Fuze Well: N/A

MEC STATUS & PHYSICAL CONDITION (Check all that apply)

☐ Armed ☐ Unarmed ☐ Fired ☐ Unfired ☐ Intact ☒ Broken Open ☒ Filler Visible ☐ Soil Staining

FOR SUXOS USE

Disposition: (Clarify Under Remarks) ☐ Transferred ☐ Transported ☐ Left In Place ☒ Destroyed ☐ BIP ☐ Other: | Date:

Client Notifications By: | Signature: | Date

Transferred To: | Signature: | Date:

Destroyed By: mark Soha | Signature | Date: 7/14/10

Remarks:

SUXOS Signature: [signature] | Date: 7/14/10

Revised April 2006

MEC DATA AND ACCOUNTABILITY FORM

FOR UXO TEAM USE

Site Name: BNAS BRUNSWICK SITE 12 | Team Leader: MARK SOHA

Grid or Lane Number: F-5 | Work Area: SITE 12 | Date: 7-12-10

Location: X (Lat): 378259.13 Y (Long): 3017285.85 Location Type (UW or UG): SURFACE

Other Location Information:

Depth (feet): 0 Inclination (Degrees): 0 Orientation (N-S, E-W):

TARGET/ANOMALY CHARACTERISTICS

Type of Target/Find: ☒ Surface Find ☐ Mag & Dig Target ☐ Primary Geo Target ☐ Validation (QA/QC) ☐ No Dig

Type of Anomaly: ☒ UXO ☐ MEC ☐ Inert ☐ Practice ☐ MC (waste) ☐ MD (scrap) ☐ Metal Waste ☐ No Find ☐ Rock ☐ Rust Layer ☐ Oxidation ☐ Misc.: MPPEH

Diameter/Width: 3 IN | Length: 1.5 IN | Estimated Weight: UNK

DIGITAL PHOTO RECORD

Was photo taken? ☒ Yes ☐ No | Camera No.: | Frame No.: 79 | File Name: S12-F5-13

MUNITIONS NOMENCLATURE (If Known, Record Below and record fuze condition and disposition)

Munitions Mark/Mod: POWDER TRAIN TIME FUZE

Fuze Mark/Mod: UNK ☐ Nose: ☐ Tail: ☐ Transverse: ☐ Casing:

N.E.W. Total: UNK

MUNITIONS CHARACTERISTICS

Munitions Filler: ☐ Explosive ☐ Inert ☐ Propellant ☐ Pyrotechnic ☒ Unknown ☐ Other:

Munitions Category: ☐ Depth Charges ☐ Land Mine ☒ Projectiles ☐ Sea Mines ☐ Bombs ☐ Grenades ☐ Misc. Explosive Devices ☐ Pyrotechnics and Flares ☐ Small Arms ☐ Clusters/Dispensers ☐ Guided Missiles ☐ Mortars ☐ Rockets ☐ Torpedoes

FUZE CHARACTERISTICS

Fuze Location(s) (check all that apply): ☒ Nose ☐ Tail ☐ Transverse ☐ Casing

Breaks in Fuze Body? ☐ Yes ☐ No

Fuze Markings: NONE

Fuzing Type(s): ☐ Hydrostatic ☐ MT Long Delay ☒ Powder Train Time Fuze ☐ Nose MT/Tail Impact Inertia ☐ All-ways Acting ☐ Impact ☐ MT Superquick ☐ Pressure ☐ Pt-initiating-Base-detonating ☐ Base Detonating ☐ Influence ☐ Piezo-Electric ☐ Proximity (VT) ☐ Electric ☐ Mech Time (MT) ☐ Point Detonating (PD) ☐ Nose MT/Tail Pressure

Fuze Length: 1.5 IN | Fuze Diameter: 3 IN | Diameter of Fuze Well: UNK

MEC STATUS & PHYSICAL CONDITION (Check all that apply)

☐ Armed ☒ Unarmed ☐ Fired ☐ Unfired ☐ Intact ☒ Broken Open ☐ Filler Visible ☐ Soil Staining

FOR SUXOS USE

Disposition: (Clarify Under Remarks) ☐ Transferred ☐ Transported ☐ Left In Place ☐ Destroyed ☑ BIP ☐ Other: | Date:

Client Notifications By: | Signature: | Date

Transferred To: | Signature: | Date:

Destroyed By: MARK SOHA | Signature | Date: 7/14/10

Remarks:

SUXOS Signature: [signature] | Date: 7/14/10

Revised April 2006

MEC DATA AND ACCOUNTABILITY FORM

FOR UXO TEAM USE

Site Name: BRUNSWICK NAS | Team Leader: MARK SOHA

Grid or Lane Number: | Work Area: SITE 12 | Date: 7-19-10

Location: X (Lat): 378351.71 N | Y (Long): 3017151.12 E | Location Type (UW or UG):

Other Location Information:

Depth (feet): 0 | Inclination (Degrees): | Orientation (N-S, E-W):

TARGET/ANOMALY CHARACTERISTICS

Type of Target/Find: ☒ Surface Find ☐ Mag & Dig Target ■ Primary Geo Target ☐ Validation (QA/QC) ☐ No Dig

Type of Anomaly: ☐ UXO ☐ MEC ☐ Inert ☐ Practice ☐ MC (waste) ☐ MD (scrap) ☐ Metal Waste ☐ No Find ☐ Rock ☐ Rust Layer ☐ Oxidation ☐ Misc.: MPPEH

Diameter/Width: 20 MM | Length: 3 IN | Estimated Weight: UNK

DIGITAL PHOTO RECORD

Was photo taken? ☒ Yes ☐ No | Camera No.: | Frame No.: 90 | File Name: 512-64-14

MUNITIONS NOMENCLATURE (If Known, Record Below and record fuze condition and disposition)

Munitions Mark/Mod: 20MM PROJO

Fuze Mark/Mod: UNK ☐ Nose: ☐ Tail: ☐ Transverse: ☐ Casing:

N.E.W. Total: UNK

MUNITIONS CHARACTERISTICS

Munitions Filler: ☐ Explosive ☒ Inert ☐ Propellant ☐ Pyrotechnic ☐ Unknown ☐ Other:

Munitions Category: ☐ Depth Charges ☐ Land Mine ☒ Projectiles ☐ Sea Mines ☐ Bombs ☐ Grenades ☐ Misc. Explosive Devices ☐ Pyrotechnics and Flares ☐ Small Arms ☐ Clusters/Dispensers ☐ Guided Missiles ☐ Mortars ☐ Rockets ☐ Torpedoes

FUZE CHARACTERISTICS

Fuze Location(s) (check all that apply): ☒ Nose ☐ Tail ☐ Transverse ☐ Casing

Breaks in Fuze Body? ☐ Yes ☐ No

Fuze Markings: NONE

Fuzing Type(s): ☐ Hydrostatic ☐ MT Long Delay ☐ Powder Train Time Fuze ☐ Nose MT/Tail Impact Inertia ☐ All-ways Acting ☒ Impact ☐ MT Superquick ☐ Pressure ☐ Pt-initiating-Base-detonating ☐ Base Detonating ☐ Influence ☐ Piezo-Electric ☐ Proximity (VT) ☐ Electric ☐ Mech Time (MT) ☐ Point Detonating (PD) ☐ Nose MT/Tail Pressure

Fuze Length: N/A | Fuze Diameter: N/A | Diameter of Fuze Well: N/A

MEC STATUS & PHYSICAL CONDITION (Check all that apply)

☐ Armed ☒ Unarmed ☐ Fired ☒ Unfired
☐ Intact ☒ Broken Open ☐ Filler Visible ☐ Soil Staining

FOR SUXOS USE

Disposition: (Clarify Under Remarks) ☐ Transferred ☐ Transported ☐ Left In Place ☑ Destroyed ☐ BIP ☐ Other: | Date:

Client Notifications By: | Signature: | Date

Transferred To: | Signature: | Date:

Destroyed By: mark Soha | Signature | Date: 7/27/10

Remarks:

SUXOS Signature: | Date: 7/27/10

Revised April 2006

MEC DATA AND ACCOUNTABILITY FORM

FOR UXO TEAM USE

Site Name: BRUNSWICK NAS | Team Leader: MARK SOHA

Grid or Lane Number: F-4 | Work Area: SITE 12 | Date: 7-19-10

Location: X (Lat): 378216.91 N | Y (Long): ~~3017151~~. 3017162.85 | Location Type (UW or UG): _____

Other Location Information: _____

Depth (feet): 0 | Inclination (Degrees): _____ | Orientation (N–S, E-W): _____

TARGET/ANOMALY CHARACTERISTICS

Type of Target/Find: ☒ Surface Find ☐ Mag & Dig Target ☐ Primary Geo Target ☐ Validation (QA/QC) ☐ No Dig

Type of Anomaly: ☐ UXO ☒ MEC ☐ Inert ☐ Practice ☐ MC (waste) ☐ MD (scrap) ☐ Metal Waste ☐ No Find ☐ Rock ☐ Rust Layer ☐ Oxidation ☐ Misc.: _____

Diameter/Width: 20MM | Length: 3 IN | Estimated Weight: UNK

DIGITAL PHOTO RECORD

Was photo taken? ☒ Yes ☐ No | Camera No.: | Frame No.: 91 | File Name: S12-F4-15

MUNITIONS NOMENCLATURE (If Known, Record Below and record fuze condition and disposition)

Munitions Mark/Mod: 20MM PROJO

Fuze Mark/Mod: UNK ☐ Nose: _____ ☐ Tail: _____ ☐ Transverse: _____ ☐ Casing: _____

N.E.W. Total: UNK

MUNITIONS CHARACTERISTICS

Munitions Filler: ☒ Explosive ☐ Inert ☐ Propellant ☐ Pyrotechnic ☐ Unknown ☐ Other: _____

Munitions Category: ☐ Depth Charges ☐ Land Mine ☒ Projectiles ☐ Sea Mines ☐ Bombs ☐ Grenades ☐ Misc. Explosive Devices ☐ Pyrotechnics and Flares ☐ Small Arms ☐ Clusters/Dispensers ☐ Guided Missiles ☐ Mortars ☐ Rockets ☐ Torpedoes

FUZE CHARACTERISTICS

Fuze Location(s) (check all that apply): ☒ Nose ☐ Tail ☐ Transverse ☐ Casing

Breaks in Fuze Body? ☐ Yes ☐ No

Fuze Markings: NONE

Fuzing Type(s): ☐ Hydrostatic ☐ MT Long Delay ☐ Powder Train Time Fuze ☐ Nose MT/Tail Impact Inertia ☐ All-ways Acting ☒ Impact ☐ MT Superquick ☐ Pressure ☐ Pt-initiating-Base-detonating ☐ Base Detonating ☐ Influence ☐ Piezo-Electric ☐ Proximity (VT) ☐ Electric ☐ Mech Time (MT) ☐ Point Detonating (PD) ☐ Nose MT/Tail Pressure

Fuze Length: .5 IN | Fuze Diameter: 10 MM | Diameter of Fuze Well: 10 MM

MEC STATUS & PHYSICAL CONDITION (Check all that apply)

☒ Armed ☐ Unarmed ☐ Fired ☐ Unfired ☐ Intact ☐ Broken Open ☐ Filler Visible ☐ Soil Staining

FOR SUXOS USE

Disposition: (Clarify Under Remarks) ☐ Transferred ☐ Transported ☐ Left In Place ☐ Destroyed ☐ BIP ☐ Other: _____ | Date:

Client Notifications By: | Signature: | Date

Transferred To: | Signature: | Date:

Destroyed By: mark soha | Signature | Date: 7/20/10

Remarks: _____

SUXOS Signature: [signature] | Date: 7/20/10

Revised April 2006

MEC DATA AND ACCOUNTABILITY FORM

FOR UXO TEAM USE

Site Name: BRUNSWICK NAS | Team Leader: MARK SOHA

Grid or Lane Number: B-7 | Work Area: SITE 12 | Date: 7-20-10

Location: X (Lat): 377832.68 N Y (Long): 3017448.59 Location Type (UW or UG): _____

Other Location Information: _____

Depth (feet): Ø Inclination (Degrees): _____ Orientation (N-S, E-W): _____

TARGET/ANOMALY CHARACTERISTICS

Type of Target/Find: ☒ Surface Find ☐ Mag & Dig Target ☐ Primary Geo Target ☐ Validation (QA/QC) ☐ No Dig

Type of Anomaly: ☐ UXO ☐ MEC ☐ Inert ☐ Practice ☐ MC (waste) ☐ MD (scrap) ☐ Metal Waste ☐ No Find ☐ Rock ☐ Rust Layer ☐ Oxidation ☐ Misc.: MPPEH

Diameter/Width: 10 IN | Length: 8 IN | Estimated Weight: UNK

DIGITAL PHOTO RECORD

Was photo taken? ☒ Yes ☐ No | Camera No.: | Frame No.: 96 | File Name: 512-B7-16

MUNITIONS NOMENCLATURE (If Known, Record Below and record fuze condition and disposition)

Munitions Mark/Mod: M904 BOMB FUZE

Fuze Mark/Mod: M904 ☒ Nose: _____ ☐ Tail: _____ ☐ Transverse: _____ ☐ Casing: _____

N.E.W. Total: UNK

MUNITIONS CHARACTERISTICS

Munitions Filler: ☐ Explosive ☐ Inert ☐ Propellant ☐ Pyrotechnic ☒ Unknown ☐ Other: _____

Munitions Category: ☐ Depth Charges ☐ Land Mine ☐ Projectiles ☐ Sea Mines ☒ Bombs ☐ Grenades ☐ Misc. Explosive Devices ☐ Pyrotechnics and Flares ☐ Small Arms ☐ Clusters/Dispensers ☐ Guided Missiles ☐ Mortars ☐ Rockets ☐ Torpedoes

FUZE CHARACTERISTICS

Fuze Location(s) (check all that apply): ☒ Nose ☐ Tail ☐ Transverse ☐ Casing

Breaks in Fuze Body? ☐ Yes ☐ No

Fuze Markings: FUZE BOMB M904

Fuzing Type(s): ☐ Hydrostatic ☐ MT Long Delay ☐ Powder Train Time Fuze ☐ Nose MT/Tail Impact Inertia ☐ All-ways Acting ☒ Impact ☐ MT Superquick ☐ Pressure ☐ Pt-initiating-Base-detonating ☐ Base Detonating ☐ Influence ☐ Piezo-Electric ☐ Proximity (VT) ☐ Electric ☐ Mech Time (MT) ☐ Point Detonating (PD) ☐ Nose MT/Tail Pressure

Fuze Length: 8 IN | Fuze Diameter: 10 IN | Diameter of Fuze Well: 3 IN

MEC STATUS & PHYSICAL CONDITION (Check all that apply)

☐ Armed ☐ Unarmed ☐ Fired ☐ Unfired
☒ Intact ☐ Broken Open ☐ Filler Visible ☐ Soil Staining

FOR SUXOS USE

Disposition: (Clarify Under Remarks)
☐ Transferred ☐ Transported ☐ Left In Place ☐ Destroyed ☐ BIP ☑ Other: Held for Consolidation | Date: 7/20/10

Client Notifications By:	Signature:	Date
Transferred To:	Signature:	Date:
Destroyed By:	Signature	Date:

Remarks: _____

SUXOS Signature: [signature] | Date: 7/20/10

Revised April 2006

MEC DATA AND ACCOUNTABILITY FORM

FOR UXO TEAM USE

Site Name: BRUNSWICK NAS | Team Leader: MARK SOHA

Grid or Lane Number: H-2 | Work Area: SITE 12 | Date: 7-25-10

Location: X (Lat): 378464.71 N | Y (Long): 3016950.53 E | Location Type (UW or UG): _____

Other Location Information: _____

Depth (feet): 0 | Inclination (Degrees): _____ | Orientation (N–S, E-W): _____

TARGET/ANOMALY CHARACTERISTICS

Type of Target/Find: ☒ Surface Find ☐ Mag & Dig Target ☐ Primary Geo Target ☐ Validation (QA/QC) ☐ No Dig

Type of Anomaly: ☐ UXO ☐ MEC ☐ Inert ☐ Practice ☐ MC (waste) ☐ MD (scrap) ☐ Metal Waste ☐ No Find ☐ Rock ☐ Rust Layer ☐ Oxidation ☐ Misc.: MPPEH

Diameter/Width: 81MM | Length: 14 IN | Estimated Weight: UNK

DIGITAL PHOTO RECORD

Was photo taken? ☒ Yes ☐ No | Camera No.: | Frame No.: 116 | File Name: S12-H2-17

MUNITIONS NOMENCLATURE (If Known, Record Below and record fuze condition and disposition)

Munitions Mark/Mod: 81MM MORTAR (EMPTY) UNFUZED

Fuze Mark/Mod: N/A ☐ Nose: _____ ☐ Tail: _____ ☐ Transverse: _____ ☐ Casing: _____

N.E.W. Total: 0

MUNITIONS CHARACTERISTICS

Munitions Filler: ☐ Explosive ☐ Inert ☐ Propellant ☐ Pyrotechnic ☒ Unknown ☐ Other: _____

Munitions Category: ☐ Depth Charges ☐ Land Mine ☒ Projectiles ☐ Sea Mines ☐ Bombs ☐ Grenades ☐ Misc. Explosive Devices ☐ Pyrotechnics and Flares ☐ Small Arms ☐ Clusters/Dispensers ☐ Guided Missiles ☐ Mortars ☐ Rockets ☐ Torpedoes

FUZE CHARACTERISTICS

Fuze Location(s) (check all that apply): ☒ Nose ☐ Tail ☐ Transverse ☐ Casing

Breaks in Fuze Body? ☐ Yes ☐ No

Fuze Markings: NONE

Fuzing Type(s): ☐ Hydrostatic ☐ MT Long Delay ☐ Powder Train Time Fuze ☐ Nose MT/Tail Impact Inertia ☐ All-ways Acting ☒ Impact ☐ MT Superquick ☐ Pressure ☐ Pt-initiating-Base-detonating ☐ Base Detonating ☐ Influence ☐ Piezo-Electric ☐ Proximity (VT) ☐ Electric ☐ Mech Time (MT) ☐ Point Detonating (PD) ☐ Nose MT/Tail Pressure

Fuze Length: N/A | Fuze Diameter: N/A | Diameter of Fuze Well: 2.5 IN

MEC STATUS & PHYSICAL CONDITION (Check all that apply)

☐ Armed ☐ Unarmed ☐ Fired ☐ Unfired ☐ Intact ☒ Broken Open ☐ Filler Visible ☐ Soil Staining

FOR SUXOS USE

Disposition: (Clarify Under Remarks) ☐ Transferred ☐ Transported ☐ Left In Place ☐ Destroyed ☐ BIP ☒ Other: Held for Cert | Date: 7/25/10

Client Notifications By:	Signature:	Date
Transferred To:	Signature:	Date:
Destroyed By:	Signature	Date:

Remarks: _____

SUXOS Signature: [signature] | Date: 7/25/10

Revised April 2006

MEC DATA AND ACCOUNTABILITY FORM

FOR UXO TEAM USE

Site Name: BRUNSWICK NAS | Team Leader: MARK SOHA

Grid or Lane Number: G-3 | Work Area: SITE 12 | Date: 7-25-10

Location: X (Lat): 378416.31 N | Y (Long): 3017025.65 | Location Type (UW or UG): _____

Other Location Information: _____

Depth (feet): Ø | Inclination (Degrees): _____ | Orientation (N–S, E-W): _____

TARGET/ANOMALY CHARACTERISTICS

Type of Target/Find: ☒ Surface Find ☐ Mag & Dig Target ☐ Primary Geo Target ☐ Validation (QA/QC) ☐ No Dig

Type of Anomaly: ☐ UXO ☐ MEC ☐ Inert ☐ Practice ☐ MC (waste) ☐ MD (scrap) ☐ Metal Waste ☐ No Find ☐ Rock ☐ Rust Layer ☐ Oxidation ☐ Misc.: MPPEH

Diameter/Width: 75 MM | Length: 12 IN | Estimated Weight: UNK

DIGITAL PHOTO RECORD

Was photo taken? ☒ Yes ☐ No | Camera No.: | Frame No.: 117 | File Name: S12-G3-18

MUNITIONS NOMENCLATURE (If Known, Record Below and record fuze condition and disposition)

Munitions Mark/Mod: 75MM PROJO (EMPTY) UNFUZED

Fuze Mark/Mod: UNKNOWN PTTF

☒ Nose: _____ ☐ Tail: _____

☐ Transverse: _____ ☐ Casing: _____

N.E.W. Total: Ø

MUNITIONS CHARACTERISTICS

Munitions Filler: ☒ Explosive ☐ Inert ☐ Propellant ☐ Pyrotechnic ☐ Unknown ☐ Other: _____

Munitions Category: ☐ Depth Charges ☐ Land Mine ☒ Projectiles ☐ Sea Mines ☐ Bombs ☐ Grenades ☐ Misc. Explosive Devices ☐ Pyrotechnics and Flares ☐ Small Arms ☐ Clusters/Dispensers ☐ Guided Missiles ☐ Mortars ☐ Rockets ☐ Torpedoes

FUZE CHARACTERISTICS

Fuze Location(s) (check all that apply): ☒ Nose ☐ Tail ☐ Transverse ☐ Casing

Breaks in Fuze Body? ☐ Yes ☐ No

Fuze Markings: NONE

Fuzing Type(s): ☐ Hydrostatic ☐ MT Long Delay ☒ Powder Train Time Fuze ☐ Nose MT/Tail Impact Inertia ☐ All-ways Acting ☐ Impact ☐ MT Superquick ☐ Pressure ☐ Pt-initiating-Base-detonating ☐ Base Detonating ☐ Influence ☐ Piezo-Electric ☐ Proximity (VT) ☐ Electric ☐ Mech Time (MT) ☐ Point Detonating (PD) ☐ Nose MT/Tail Pressure

Fuze Length: UNK | Fuze Diameter: UNK | Diameter of Fuze Well: UNK

MEC STATUS & PHYSICAL CONDITION (Check all that apply)

☐ Armed ☐ Unarmed ☐ Fired ☐ Unfired ☐ Intact ☒ Broken Open ☐ Filler Visible ☐ Soil Staining

FOR SUXOS USE

Disposition: (Clarify Under Remarks) ☐ Transferred ☐ Transported ☐ Left In Place ☐ Destroyed ☐ BIP ☒ Other: Held for CERT | Date: 7/25/10

Client Notifications By:	Signature:	Date
Transferred To:	Signature:	Date:
Destroyed By:	Signature	Date:

Remarks: _____

SUXOS Signature: [signature] | Date: 7/25/10

Revised April 2006

MEC DATA AND ACCOUNTABILITY FORM

FOR UXO TEAM USE

Site Name: BRUNSWICK NAS | Team Leader: MARK SOHA

Grid or Lane Number: G-3 | Work Area: SITE 12 | Date: 7-25-10

Location: X (Lat): 378352.23 N | Y (Long): 3017069.79 | Location Type (UW or UG): _____

Other Location Information: _____

Depth (feet): Ø | Inclination (Degrees): _____ | Orientation (N-S, E-W): _____

TARGET/ANOMALY CHARACTERISTICS

Type of Target/Find: [X] Surface Find [ ] Mag & Dig Target [ ] Primary Geo Target [ ] Validation (QA/QC) [ ] No Dig

Type of Anomaly: [ ] UXO [ ] MEC [ ] Inert [ ] Practice [ ] MC (waste) [ ] MD (scrap) [ ] Metal Waste [ ] No Find [ ] Rock [ ] Rust Layer [ ] Oxidation [ ] Misc.: MPPEH

Diameter/Width: 75 MM | Length: 12 IN | Estimated Weight: UNK

DIGITAL PHOTO RECORD

Was photo taken? [X] Yes [ ] No | Camera No.: | Frame No.: 118 | File Name: S12-63-19

MUNITIONS NOMENCLATURE (If Known, Record Below and record fuze condition and disposition)

Munitions Mark/Mod: 75MM PROJO (EMPTY) UNFUZED

Fuze Mark/Mod: UNKNOWN PTTF

[ ] Nose: _____ [ ] Tail: _____

[ ] Transverse: _____ [ ] Casing: _____

N.E.W. Total: Ø

MUNITIONS CHARACTERISTICS

Munitions Filler: [X] Explosive [ ] Inert [ ] Propellant [ ] Pyrotechnic [ ] Unknown [ ] Other: _____

Munitions Category: [ ] Depth Charges [ ] Land Mine [X] Projectiles [ ] Sea Mines [ ] Bombs [ ] Grenades [ ] Misc. Explosive Devices [ ] Pyrotechnics and Flares [ ] Small Arms [ ] Clusters/Dispensers [ ] Guided Missiles [ ] Mortars [ ] Rockets [ ] Torpedoes

FUZE CHARACTERISTICS

Fuze Location(s) (check all that apply): [X] Nose [ ] Tail [ ] Transverse [ ] Casing

Breaks in Fuze Body? [ ] Yes [ ] No

Fuze Markings: NONE

Fuzing Type(s): [ ] Hydrostatic [ ] MT Long Delay [X] Powder Train Time Fuze [ ] Nose MT/Tail Impact Inertia [ ] All-ways Acting [ ] Impact [ ] MT Superquick [ ] Pressure [ ] Pt-initiating-Base-detonating [ ] Base Detonating [ ] Influence [ ] Piezo-Electric [ ] Proximity (VT) [ ] Electric [ ] Mech Time (MT) [ ] Point Detonating (PD) [ ] Nose MT/Tail Pressure

Fuze Length: UNK | Fuze Diameter: UNK | Diameter of Fuze Well: UNK

MEC STATUS & PHYSICAL CONDITION (Check all that apply)

[ ] Armed [X] Unarmed [ ] Fired [ ] Unfired

[ ] Intact [X] Broken Open [ ] Filler Visible [ ] Soil Staining

FOR SUXOS USE

Disposition: (Clarify Under Remarks)

[ ] Transferred [ ] Transported [ ] Left In Place [ ] Destroyed [ ] BIP [✓] Other: Held for Cert

Date: 7/25/10

Client Notifications By:	Signature:	Date
Transferred To:	Signature:	Date:
Destroyed By:	Signature	Date:

Remarks: _____

SUXOS Signature: [signature] | Date: 7/25/10

Revised April 2006

MEC DATA AND ACCOUNTABILITY FORM

FOR UXO TEAM USE

Site Name: BRUNSWICK NAS | Team Leader: MARK SOHA

Grid or Lane Number: G-2 | Work Area: | Date: 7-25-10

Location: X (Lat): 378343.20 N Y (Long): 3016874.95 E Location Type (UW or UG):

Other Location Information:

Depth (feet): 0 Inclination (Degrees): Orientation (N-S, E-W):

TARGET/ANOMALY CHARACTERISTICS

Type of Target/Find: ☒ Surface Find ☐ Mag & Dig Target ☐ Primary Geo Target ☐ Validation (QA/QC) ☐ No Dig

Type of Anomaly: ☐ UXO ☒ MEC ☐ Inert ☐ Practice ☐ MC (waste) ☐ MD (scrap) ☐ Metal Waste ☐ No Find ☐ Rock ☐ Rust Layer ☐ Oxidation ☐ Misc.:

Diameter/Width: 3 IN | Length: 10 IN | Estimated Weight: UNK

DIGITAL PHOTO RECORD

Was photo taken? ☒ Yes ☐ No | Camera No.: | Frame No.: 119 | File Name: S12-G2-20

MUNITIONS NOMENCLATURE (If Known, Record Below and record fuze condition and disposition)

Munitions Mark/Mod: TAIL FUZE (BOMB) AN-MK 228

Fuze Mark/Mod: AN-MK 228 ☒ Nose: ☐ Tail: ☐ Transverse: ☐ Casing:

N.E.W. Total: UNK

MUNITIONS CHARACTERISTICS

Munitions Filler: ☐ Explosive ☐ Inert ☐ Propellant ☐ Pyrotechnic ☒ Unknown ☐ Other:

Munitions Category: ☐ Depth Charges ☐ Land Mine ☐ Projectiles ☐ Sea Mines ☒ Bombs ☐ Grenades ☐ Misc. Explosive Devices ☐ Pyrotechnics and Flares ☐ Small Arms ☐ Clusters/Dispensers ☐ Guided Missiles ☐ Mortars ☐ Rockets ☐ Torpedoes

FUZE CHARACTERISTICS

Fuze Location(s) (check all that apply): ☐ Nose ☒ Tail ☐ Transverse ☐ Casing

Breaks in Fuze Body? ☐ Yes ☐ No

Fuze Markings: FUZE AN-MK228

Fuzing Type(s): ☐ Hydrostatic ☐ MT Long Delay ☐ Powder Train Time Fuze ☐ Nose MT/Tail Impact Inertia ☐ All-ways Acting ☒ Impact ☐ MT Superquick ☐ Pressure ☐ Pt-initiating-Base-detonating ☐ Base Detonating ☐ Influence ☐ Piezo-Electric ☐ Proximity (VT) ☐ Electric ☐ Mech Time (MT) ☐ Point Detonating (PD) ☐ Nose MT/Tail Pressure

Fuze Length: 10 IN | Fuze Diameter: 3 IN | Diameter of Fuze Well: 3 IN

MEC STATUS & PHYSICAL CONDITION (Check all that apply)

☒ Armed ☒ Unarmed ☐ Fired ☐ Unfired ☒ Intact ☐ Broken Open ☐ Filler Visible ☐ Soil Staining

FOR SUXOS USE

Disposition: (Clarify Under Remarks) ☐ Transferred ☐ Transported ☐ Left In Place ☑ Destroyed ☐ BIP ☐ Other: | Date:

Client Notifications By: | Signature: | Date

Transferred To: | Signature: | Date:

Destroyed By: mark soha | Signature | Date: 7/27/10

Remarks:

SUXOS Signature: | Date: 7/27/10

Revised April 2006

MEC DATA AND ACCOUNTABILITY FORM

FOR UXO TEAM USE

Site Name: BRUNSWICK NAS | Team Leader: Mark Soha

Grid or Lane Number: Trench 7 | Work Area: Site 12 | Date: 7/26/10

Location: X (Lat): 378217.15 Y (Long): 3017331.06 Location Type (UW or UG):

Other Location Information:

Depth (feet): 1 Inclination (Degrees): Orientation (N–S, E-W):

TARGET/ANOMALY CHARACTERISTICS

Type of Target/Find: ☐ Surface Find ☐ Mag & Dig Target ☒ Primary Geo Target ☐ Validation (QA/QC) ☐ No Dig

Type of Anomaly: ☐ UXO ☐ MEC ☐ Inert ☐ Practice ☐ MC (waste) ☐ MD (scrap) ☐ Metal Waste ☐ No Find ☐ Rock ☐ Rust Layer ☐ Oxidation ☐ Misc.: MPPEH

Diameter/Width: 75 mm | Length: 6" | Estimated Weight: 1 lb

DIGITAL PHOTO RECORD

Was photo taken? ☒ Yes ☐ No | Camera No.: | Frame No.: 120 | File Name: S12 trench 7-21

MUNITIONS NOMENCLATURE (If Known, Record Below and record fuze condition and disposition)

Munitions Mark/Mod: 75 mm Proj'o Base

Fuze Mark/Mod: ☐ Nose: ☐ Tail: ☐ Transverse: ☐ Casing:

N.E.W. Total: UNK

MUNITIONS CHARACTERISTICS

Munitions Filler: ☐ Explosive ☐ Inert ☐ Propellant ☐ Pyrotechnic ☒ Unknown ☐ Other:

Munitions Category: ☐ Depth Charges ☐ Land Mine ☒ Projectiles ☐ Sea Mines ☐ Bombs ☐ Grenades ☐ Misc. Explosive Devices ☐ Pyrotechnics and Flares ☐ Small Arms ☐ Clusters/Dispensers ☐ Guided Missiles ☐ Mortars ☐ Rockets ☐ Torpedoes

FUZE CHARACTERISTICS

Fuze Location(s) (check all that apply): N/A ☐ Nose ☐ Tail ☐ Transverse ☐ Casing

Breaks in Fuze Body? ☐ Yes ☐ No

Fuze Markings: N/A

Fuzing Type(s): ☐ Hydrostatic ☐ MT Long Delay ☐ Powder Train Time Fuze ☐ Nose MT/Tail Impact Inertia ☐ All-ways Acting ☐ Impact ☐ MT Superquick ☐ Pressure ☐ Pt-initiating-Base-detonating ☐ Base Detonating ☐ Influence ☐ Piezo-Electric ☐ Proximity (VT) ☐ Electric ☐ Mech Time (MT) ☐ Point Detonating (PD) ☐ Nose MT/Tail Pressure

Fuze Length: | Fuze Diameter: | Diameter of Fuze Well:

MEC STATUS & PHYSICAL CONDITION (Check all that apply)

☐ Armed ☐ Unarmed ☐ Fired ☐ Unfired ☐ Intact ☒ Broken Open ☐ Filler Visible ☒ Soil Staining

FOR SUXOS USE

Disposition: (Clarify Under Remarks) ☐ Transferred ☐ Transported ☐ Left In Place ☐ Destroyed ☐ BIP ☐ Other: Certified MDAS | Date:

Client Notifications By: | Signature: | Date

Transferred To: | Signature: | Date:

Destroyed By: | Signature | Date:

Remarks: shipped off site Container #1

SUXOS Signature: | Date: 7/26/10

Revised April 2006

MEC DATA AND ACCOUNTABILITY FORM

FOR UXO TEAM USE

Site Name: BRUNSWICK AIAS | Team Leader: Mark Soha

Grid or Lane Number: Trench 7 | Work Area: Site 12 | Date: 7/25/10

Location: X (Lat): 378219.31 Y (Long): 3017 ~~337.06~~ 326.33 Location Type (UW or UG): _____

Other Location Information: _____

Depth (feet): _____ Inclination (Degrees): _____ Orientation (N–S, E-W): _____

TARGET/ANOMALY CHARACTERISTICS

Type of Target/Find: ☐ Surface Find ☐ Mag & Dig Target ☒ Primary Geo Target ☐ Validation (QA/QC) ☐ No Dig

Type of Anomaly: ☐ UXO ☐ MEC ☐ Inert ☐ Practice ☐ MC (waste) ☐ MD (scrap) ☐ Metal Waste ☐ No Find ☐ Rock ☐ Rust Layer ☐ Oxidation ☐ Misc.: MPPGH

Diameter/Width: 2" | Length: 4" | Estimated Weight: 1 lb

DIGITAL PHOTO RECORD

Was photo taken? ☒ Yes ☐ No | Camera No.: | Frame No.: 121 | File Name: S12-Trench 7-22

MUNITIONS NOMENCLATURE (If Known, Record Below and record fuze condition and disposition)

Munitions Mark/Mod: Frag

Fuze Mark/Mod: ☐ Nose: _____ ☐ Tail: _____ ☐ Transverse: _____ ☐ Casing: _____

N.E.W. Total: UNK

MUNITIONS CHARACTERISTICS

Munitions Filler: ☐ Explosive ☐ Inert ☐ Propellant ☐ Pyrotechnic ☒ Unknown ☐ Other: _____

Munitions Category: ☐ Depth Charges ☐ Land Mine ☒ Projectiles ☐ Sea Mines ☐ Bombs ☐ Grenades ☐ Misc. Explosive Devices ☐ Pyrotechnics and Flares ☐ Small Arms ☐ Clusters/Dispensers ☐ Guided Missiles ☐ Mortars ☐ Rockets ☐ Torpedoes

FUZE CHARACTERISTICS

Fuze Location(s) (check all that apply): N/A ☐ Nose ☐ Tail ☐ Transverse ☐ Casing

Breaks in Fuze Body? ☐ Yes ☐ No

Fuze Markings: N/A

Fuzing Type(s): ☐ Hydrostatic ☐ MT Long Delay ☐ Powder Train Time Fuze ☐ Nose MT/Tail Impact Inertia ☐ All-ways Acting ☐ Impact ☐ MT Superquick ☐ Pressure ☐ Pt-initiating-Base-detonating ☐ Base Detonating ☐ Influence ☐ Piezo-Electric ☐ Proximity (VT) ☐ Electric ☐ Mech Time (MT) ☐ Point Detonating (PD) ☐ Nose MT/Tail Pressure

Fuze Length: | Fuze Diameter: | Diameter of Fuze Well:

MEC STATUS & PHYSICAL CONDITION (Check all that apply)

☐ Armed ☐ Unarmed ☐ Fired ☐ Unfired ☐ Intact ☒ Broken Open ☐ Filler Visible ☐ Soil Staining

FOR SUXOS USE

Disposition: (Clarify Under Remarks) ☐ Transferred ☐ Transported ☐ Left In Place ☐ Destroyed ☐ BIP ☐ Other: Certified MDAS | Date:

Client Notifications By:	Signature:	Date
Transferred To:	Signature:	Date:
Destroyed By:	Signature	Date:

Remarks: Shipped off site in Container #1

SUXOS Signature: [signature] Date: 7/26/10

Revised April 2006

MEC DATA AND ACCOUNTABILITY FORM

FOR UXO TEAM USE

Site Name: Brunswick NAS | Team Leader: Mark Sona

Grid or Lane Number: Trench 7 | Work Area: Site 12 | Date: 7/26/10

Location: X (Lat): 378221.46 Y (Long): 3017325.36 Location Type (UW or UG): _____

Other Location Information: _____

Depth (feet): 2 Inclination (Degrees): _____ Orientation (N–S, E-W): _____

TARGET/ANOMALY CHARACTERISTICS

Type of Target/Find: ☐ Surface Find ☐ Mag & Dig Target ☐ Primary Geo Target ☐ Validation (QA/QC) ☐ No Dig

Type of Anomaly: ☐ UXO ☐ MEC ☐ Inert ☐ Practice ☐ MC (waste) ☐ MD (scrap) ☐ Metal Waste ☐ No Find ☐ Rock ☐ Rust Layer ☐ Oxidation ☐ Misc.: MPPEH

Diameter/Width: 3" | Length: 10" | Estimated Weight: UNK

DIGITAL PHOTO RECORD

Was photo taken? ☒ Yes ☐ No | Camera No.: | Frame No.: 123 | File Name: 512-Trench-7-23

MUNITIONS NOMENCLATURE (If Known, Record Below and record fuze condition and disposition)

Munitions Mark/Mod: UNK

Fuze Mark/Mod: ☐ Nose: _____ ☐ Tail: _____ ☐ Transverse: _____ ☐ Casing: _____

N.E.W. Total: UNK

MUNITIONS CHARACTERISTICS

Munitions Filler: ☐ Explosive ☐ Inert ☐ Propellant ☐ Pyrotechnic ☒ Unknown ☐ Other: _____

Munitions Category: ☐ Depth Charges ☐ Land Mine ☒ Projectiles ☐ Sea Mines ☐ Bombs ☐ Grenades ☐ Misc. Explosive Devices ☐ Pyrotechnics and Flares ☐ Small Arms ☐ Clusters/Dispensers ☐ Guided Missiles ☐ Mortars ☐ Rockets ☐ Torpedoes

FUZE CHARACTERISTICS

Fuze Location(s) (check all that apply): N/A ☐ Nose ☐ Tail ☐ Transverse ☐ Casing

Breaks in Fuze Body? ☐ Yes ☐ No

Fuze Markings: N/A

Fuzing Type(s): ☐ Hydrostatic ☐ MT Long Delay ☐ Powder Train Time Fuze ☐ Nose MT/Tail Impact Inertia ☐ All-ways Acting ☐ Impact ☐ MT Superquick ☐ Pressure ☐ Pt-Initiating-Base-detonating ☐ Base Detonating ☐ Influence ☐ Piezo-Electric ☐ Proximity (VT) ☐ Electric ☐ Mech Time (MT) ☐ Point Detonating (PD) ☐ Nose MT/Tail Pressure

Fuze Length: | Fuze Diameter: | Diameter of Fuze Well:

MEC STATUS & PHYSICAL CONDITION (Check all that apply)

☐ Armed ☐ Unarmed ☐ Fired ☐ Unfired
☐ Intact ☒ Broken Open ☐ Filler Visible ☒ Soil Staining

FOR SUXOS USE

Disposition: (Clarify Under Remarks) ☐ Transferred ☐ Transported ☐ Left In Place ☐ Destroyed ☐ BIP ☐ Other: Certified MDAS | Date:

Client Notifications By:	Signature:	Date
Transferred To:	Signature:	Date:
Destroyed By:	Signature	Date:

Remarks: shipped off site Container #1

SUXOS Signature: [signature] Date: 7/26/10

Revised April 2006

MEC DATA AND ACCOUNTABILITY FORM

FOR UXO TEAM USE

Site Name: BRUNSWICK NAS | Team Leader: Mark Sohn

Grid or Lane Number: Trench 7 | Work Area: Site 12 | Date: 7/26/10

Location: X (Lat): 378225.82 Y (Long): 3017323.60 Location Type (UW or UG):

Other Location Information:

Depth (feet): 8" Inclination (Degrees): Orientation (N-S, E-W):

TARGET/ANOMALY CHARACTERISTICS

Type of Target/Find: ☐ Surface Find ☐ Mag & Dig Target ☒ Primary Geo Target ☐ Validation (QA/QC) ☐ No Dig

Type of Anomaly: ☐ UXO ☐ MEC ☐ Inert ☐ Practice ☐ MC (waste) ☐ MD (scrap) ☐ Metal Waste ☐ No Find ☐ Rock ☐ Rust Layer ☐ Oxidation ☐ Misc.: MPPG H

Diameter/Width: 3" | Length: 6" | Estimated Weight: UNK

DIGITAL PHOTO RECORD

Was photo taken? ☒ Yes ☐ No | Camera No.: | Frame No.: 124 | File Name: S12-Trench 7-24

MUNITIONS NOMENCLATURE (If Known, Record Below and record fuze condition and disposition)

Munitions Mark/Mod: UNK

Fuze Mark/Mod: ☐ Nose: ☐ Tail: ☐ Transverse: ☐ Casing:

N.E.W. Total: UNK

MUNITIONS CHARACTERISTICS

Munitions Filler: ☐ Explosive ☐ Inert ☐ Propellant ☐ Pyrotechnic ☒ Unknown ☐ Other:

Munitions Category: ☐ Depth Charges ☐ Land Mine ☐ Projectiles ☐ Sea Mines ☐ Bombs ☐ Grenades ☐ Misc. Explosive Devices ☐ Pyrotechnics and Flares ☐ Small Arms ☐ Clusters/Dispensers ☐ Guided Missiles ☐ Mortars ☐ Rockets ☐ Torpedoes

FUZE CHARACTERISTICS

Fuze Location(s) (check all that apply): N/A ☐ Nose ☐ Tail ☐ Transverse ☐ Casing | Breaks in Fuze Body? ☐ Yes ☐ No | Fuze Markings: N/A

Fuzing Type(s): ☐ Hydrostatic ☐ MT Long Delay ☐ Powder Train Time Fuze ☐ Nose MT/Tail Impact Inertia ☐ All-ways Acting ☐ Impact ☐ MT Superquick ☐ Pressure ☐ Pt-initiating-Base-detonating ☐ Base Detonating ☐ Influence ☐ Piezo-Electric ☐ Proximity (VT) ☐ Electric ☐ Mech Time (MT) ☐ Point Detonating (PD) ☐ Nose MT/Tail Pressure

Fuze Length: | Fuze Diameter: | Diameter of Fuze Well:

MEC STATUS & PHYSICAL CONDITION (Check all that apply)

☐ Armed ☐ Unarmed ☐ Fired ☐ Unfired ☐ Intact ☒ Broken Open ☐ Filler Visible ☒ Soil Staining

FOR SUXOS USE

Disposition: (Clarify Under Remarks) ☐ Transferred ☐ Transported ☐ Left In Place ☐ Destroyed ☐ BIP ☐ Other: Certified MDAS | Date:

Client Notifications By:	Signature:	Date
Transferred To:	Signature:	Date:
Destroyed By:	Signature	Date:

Remarks: Shipped off site Container #1

SUXOS Signature: [signature] Date: 7/26/10

Revised April 2006

MEC DATA AND ACCOUNTABILITY FORM

FOR UXO TEAM USE

Site Name: Brunswick NAS | Team Leader: Mark Soha

Grid or Lane Number: Trench 7 | Work Area: Site 12 | Date: 7/26/10

Location: X (Lat): 378228.08 Y (Long): 3017320.70 Location Type (UW or UG):

Other Location Information:

Depth (feet): 6" Inclination (Degrees): Orientation (N–S, E-W):

TARGET/ANOMALY CHARACTERISTICS

Type of Target/Find: ☐ Surface Find ☐ Mag & Dig Target ☒ Primary Geo Target ☐ Validation (QA/QC) ☐ No Dig

Type of Anomaly: ☐ UXO ☐ MEC ☐ Inert ☐ Practice ☐ MC (waste) ☐ MD (scrap) ☐ Metal Waste ☐ No Find ☐ Rock ☐ Rust Layer ☐ Oxidation ☐ Misc.: MPPEH

Diameter/Width: 40 mm | Length: 2" | Estimated Weight: UNK

DIGITAL PHOTO RECORD

Was photo taken? ☒ Yes ☐ No | Camera No.: | Frame No.: 124 | File Name: S12-Trench 7-25

MUNITIONS NOMENCLATURE (If Known, Record Below and record fuze condition and disposition)

Munitions Mark/Mod: 40mm Cont. Base

Fuze Mark/Mod: ☐ Nose: ☐ Tail: ☐ Transverse: ☐ Casing:

N.E.W. Total: UNK

MUNITIONS CHARACTERISTICS

Munitions Filler: ☐ Explosive ☐ Inert ☒ Propellant ☐ Pyrotechnic ☐ Unknown ☐ Other:

Munitions Category: ☐ Depth Charges ☐ Land Mine ☐ Projectiles ☐ Sea Mines ☐ Bombs ☐ Grenades ☐ Misc. Explosive Devices ☐ Pyrotechnics and Flares ☐ Small Arms ☐ Clusters/Dispensers ☐ Guided Missiles ☐ Mortars ☐ Rockets ☐ Torpedoes

FUZE CHARACTERISTICS

Fuze Location(s) (check all that apply): N/A ☐ Nose ☐ Tail ☐ Transverse ☐ Casing | Breaks in Fuze Body? ☐ Yes ☐ No | Fuze Markings: N/A

Fuzing Type(s): ☐ Hydrostatic ☐ MT Long Delay ☐ Powder Train Time Fuze ☐ Nose MT/Tail Impact Inertia ☐ All-ways Acting ☐ Impact ☐ MT Superquick ☐ Pressure ☐ Pt-initiating-Base-detonating ☐ Base Detonating ☐ Influence ☐ Piezo-Electric ☐ Proximity (VT) ☐ Electric ☐ Mech Time (MT) ☐ Point Detonating (PD) ☐ Nose MT/Tail Pressure

Fuze Length: | Fuze Diameter: | Diameter of Fuze Well:

MEC STATUS & PHYSICAL CONDITION (Check all that apply)

☐ Armed ☐ Unarmed ☐ Fired ☐ Unfired
☐ Intact ☒ Broken Open ☐ Filler Visible ☒ Soil Staining

FOR SUXOS USE

Disposition: (Clarify Under Remarks) ☐ Transferred ☐ Transported ☐ Left In Place ☐ Destroyed ☐ BIP ☐ Other: Certified MDAS | Date:

Client Notifications By:	Signature:	Date
Transferred To:	Signature:	Date:
Destroyed By:	Signature	Date:

Remarks: Shipped off site Container #1

SUXOS Signature: [signature] Date: 7/26/10

Revised April 2006

MEC DATA AND ACCOUNTABILITY FORM

FOR UXO TEAM USE

Site Name: BRUNSWICK NAS | Team Leader: Mark Sosha

Grid or Lane Number: Trench 7 | Work Area: Site 12 | Date: 7/26/10

Location: X (Lat): 378230.36 Y (Long): 3017320.35 Location Type (UW or UG):

Other Location Information:

Depth (feet): Inclination (Degrees): Orientation (N–S, E-W):

TARGET/ANOMALY CHARACTERISTICS

Type of Target/Find: ☐ Surface Find ☐ Mag & Dig Target ☒ Primary Geo Target ☐ Validation (QA/QC) ☐ No Dig

Type of Anomaly: ☐ UXO ☐ MEC ☐ Inert ☐ Practice ☐ MC (waste) ☐ MD (scrap) ☐ Metal Waste ☐ No Find ☐ Rock ☐ Rust Layer ☐ Oxidation ☐ Misc.: MPEH

Diameter/Width: 2" | Length: 2" | Estimated Weight: UNK

DIGITAL PHOTO RECORD

Was photo taken? ☒ Yes ☐ No | Camera No.: | Frame No.: 125 | File Name: S12-Trench 7-26

MUNITIONS NOMENCLATURE (If Known, Record Below and record fuze condition and disposition)

Munitions Mark/Mod: Ejection Cont Base

Fuze Mark/Mod: ☐ Nose: ☐ Tail: ☐ Transverse: ☐ Casing:

N.E.W. Total: UNK

MUNITIONS CHARACTERISTICS

Munitions Filler: ☐ Explosive ☐ Inert ☐ Propellant ☐ Pyrotechnic ☒ Unknown ☐ Other:

Munitions Category: ☐ Depth Charges ☐ Land Mine ☐ Projectiles ☐ Sea Mines ☐ Bombs ☐ Grenades ☒ Misc. Explosive Devices ☐ Pyrotechnics and Flares ☐ Small Arms ☐ Clusters/Dispensers ☐ Guided Missiles ☐ Mortars ☐ Rockets ☐ Torpedoes

FUZE CHARACTERISTICS

Fuze Location(s) (check all that apply): N/A ☐ Nose ☐ Tail ☐ Transverse ☐ Casing

Breaks in Fuze Body? ☐ Yes ☐ No

Fuze Markings: N/A

Fuzing Type(s): ☐ Hydrostatic ☐ MT Long Delay ☐ Powder Train Time Fuze ☐ Nose MT/Tail Impact Inertia ☐ All-ways Acting ☐ Impact ☐ MT Superquick ☐ Pressure ☐ Pt-initiating-Base-detonating ☐ Base Detonating ☐ Influence ☐ Piezo-Electric ☐ Proximity (VT) ☐ Electric ☐ Mech Time (MT) ☐ Point Detonating (PD) ☐ Nose MT/Tail Pressure

Fuze Length: | Fuze Diameter: | Diameter of Fuze Well:

MEC STATUS & PHYSICAL CONDITION (Check all that apply)

☐ Armed ☐ Unarmed ☐ Fired ☐ Unfired ☐ Intact ☒ Broken Open ☐ Filler Visible ☒ Soil Staining

FOR SUXOS USE

Disposition: (Clarify Under Remarks) ☐ Transferred ☐ Transported ☐ Left In Place ☐ Destroyed ☐ BIP ☐ Other: Centified MOAS | Date:

Client Notifications By:	Signature:	Date
Transferred To:	Signature:	Date:
Destroyed By:	Signature	Date:

Remarks: shipped off site Container #1

SUXOS Signature: [signature] | Date: 7/26/10

Revised April 2006

MEC DATA AND ACCOUNTABILITY FORM

FOR UXO TEAM USE

Site Name: BRUNSWICK NAS | Team Leader: MARK SOHA

Grid or Lane Number: TRENCH 8 | Work Area: SITE 12 | Date: 7-26-10

Location: X (Lat): 378253.99 N Y (Long): 3017323.14 E Location Type (UW or UG): _____

Other Location Information: _____

Depth (feet): 42 IN. Inclination (Degrees): _____ Orientation (N-S, E-W): _____

TARGET/ANOMALY CHARACTERISTICS

Type of Target/Find: ☐ Surface Find ☐ Mag & Dig Target ☒ Primary Geo Target ☐ Validation (QA/QC) ☐ No Dig

Type of Anomaly: ☐ UXO ☐ MEC ☐ Inert ☐ Practice ☐ MC (waste) ☐ MD (scrap) ☐ Metal Waste ☐ No Find ☐ Rock ☐ Rust Layer ☐ Oxidation ☐ Misc.: MPPEH

Diameter/Width: 1.5 IN | Length: 3.5 IN | Estimated Weight: UNK

DIGITAL PHOTO RECORD

Was photo taken? ☒ Yes ☐ No | Camera No.: | Frame No.: 126 | File Name: S-12 TRENCH 8-27

MUNITIONS NOMENCLATURE (If Known, Record Below and record fuze condition and disposition)

Munitions Mark/Mod: FUZE UNK

Fuze Mark/Mod: UNK ☐ Nose: _____ ☐ Tail: _____ ☐ Transverse: _____ ☐ Casing: _____

N.E.W. Total: UNK

MUNITIONS CHARACTERISTICS

Munitions Filler: ☐ Explosive ☐ Inert ☐ Propellant ☐ Pyrotechnic ☒ Unknown ☐ Other: _____

Munitions Category: ☐ Depth Charges ☐ Land Mine ☐ Projectiles ☐ Sea Mines ☐ Bombs ☐ Grenades ☐ Misc. Explosive Devices ☐ Pyrotechnics and Flares ☐ Small Arms UNK ☐ Clusters/Dispensers ☐ Guided Missiles ☐ Mortars ☐ Rockets ☐ Torpedoes

FUZE CHARACTERISTICS

Fuze Location(s) (check all that apply): UNK ☐ Nose ☐ Tail ☐ Transverse ☐ Casing

Breaks in Fuze Body? ☐ Yes ☐ No

Fuze Markings: NONE

Fuzing Type(s): ☐ Hydrostatic ☐ MT Long Delay ☐ Powder Train Time Fuze ☐ Nose MT/Tail Impact Inertia ☐ All-ways Acting ☐ Impact ☐ MT Superquick ☐ Pressure ☐ Pt-initiating-Base-detonating ☐ Base Detonating ☐ Influence ☐ Piezo-Electric ☐ Proximity (VT) ☐ Electric ☐ Mech Time (MT) ☐ Point Detonating (PD) ☐ Nose MT/Tail Pressure

Fuze Length: 3.5 IN | Fuze Diameter: 1.5 IN | Diameter of Fuze Well: 1.5 IN

MEC STATUS & PHYSICAL CONDITION (Check all that apply)

☐ Armed ☒ Unarmed ☐ Fired ☐ Unfired ☐ Intact ☒ Broken Open ☐ Filler Visible ☐ Soil Staining

FOR SUXOS USE

Disposition: (Clarify Under Remarks) ☐ Transferred ☐ Transported ☐ Left In Place ☑ Destroyed ☐ BIP ☐ Other: _____ | Date:

Client Notifications By: | Signature: | Date

Transferred To: | Signature: | Date:

Destroyed By: mark soha | Signature | Date: 7/27/10

Remarks: _____

SUXOS Signature: [signature] | Date: 7/27/10

Revised April 2006

MEC DATA AND ACCOUNTABILITY FORM

FOR UXO TEAM USE

Site Name: BRUNSWICK NAS | Team Leader: Mark Soha

Grid or Lane Number: Trench 8 | Work Area: Site 12 | Date: 7/26/10

Location: X (Lat): 378251.46 Y (Long): 3017324.59 Location Type (UW or UG):

Other Location Information:

Depth (feet): 1.5' Inclination (Degrees): Orientation (N–S, E-W):

TARGET/ANOMALY CHARACTERISTICS

Type of Target/Find: ☐ Surface Find ☐ Mag & Dig Target ☒ Primary Geo Target ☐ Validation (QA/QC) ☐ No Dig

Type of Anomaly: ☐ UXO ☐ MEC ☐ Inert ☐ Practice ☐ MC (waste) ☐ MD (scrap) ☐ Metal Waste ☐ No Find ☐ Rock ☐ Rust Layer ☐ Oxidation ☐ Misc.: MPPEH

Diameter/Width: 2" | Length: 2" | Estimated Weight: UNK

DIGITAL PHOTO RECORD

Was photo taken? ☒ Yes ☐ No | Camera No.: | Frame No.: 127 | File Name: S12-Trench-8-28

MUNITIONS NOMENCLATURE (If Known, Record Below and record fuze condition and disposition)

Munitions Mark/Mod: 37mm Cant Base

Fuze Mark/Mod: ☐ Nose: ☐ Tail: ☐ Transverse: ☐ Casing:

N.E.W. Total: UNK

MUNITIONS CHARACTERISTICS

Munitions Filler: ☐ Explosive ☐ Inert ☒ Propellant ☐ Pyrotechnic ☐ Unknown ☐ Other:

Munitions Category: ☐ Depth Charges ☐ Land Mine ☐ Projectiles ☐ Sea Mines ☐ Bombs ☐ Grenades ☐ Misc. Explosive Devices ☐ Pyrotechnics and Flares ☐ Small Arms ☐ Clusters/Dispensers ☐ Guided Missiles ☐ Mortars ☐ Rockets ☐ Torpedoes

FUZE CHARACTERISTICS

Fuze Location(s) (check all that apply): NA ☐ Nose ☐ Tail ☐ Transverse ☐ Casing

Breaks in Fuze Body? ☐ Yes ☐ No

Fuze Markings: NA

Fuzing Type(s): ☐ Hydrostatic ☐ MT Long Delay ☐ Powder Train Time Fuze ☐ Nose MT/Tail Impact Inertia ☐ All-ways Acting ☐ Impact ☐ MT Superquick ☐ Pressure ☐ Pt-initiating-Base-detonating ☐ Base Detonating ☐ Influence ☐ Piezo-Electric ☐ Proximity (VT) ☐ Electric ☐ Mech Time (MT) ☐ Point Detonating (PD) ☐ Nose MT/Tail Pressure

Fuze Length: | Fuze Diameter: | Diameter of Fuze Well:

MEC STATUS & PHYSICAL CONDITION (Check all that apply)

☐ Armed ☐ Unarmed ☐ Fired ☐ Unfired ☐ Intact ☒ Broken Open ☐ Filler Visible ☐ Soil Staining

FOR SUXOS USE

Disposition: (Clarify Under Remarks) ☐ Transferred ☐ Transported ☐ Left In Place ☐ Destroyed ☐ BIP ☐ Other: Certified MDAS

Date:

Client Notifications By: | Signature: | Date

Transferred To: | Signature: | Date:

Destroyed By: | Signature | Date:

Remarks: Shipped off site in Contained #1

SUXOS Signature: [signature] Date: 7/26/10

Revised April 2006

MEC DATA AND ACCOUNTABILITY FORM

FOR UXO TEAM USE

Site Name: BRUNSWICK NAS SITE 12 | Team Leader: MARK SOHA

Grid or Lane Number: TRENCH 8 | Work Area: SITE 12 | Date: 7-26-10

Location: X (Lat): 378246.42 N Y (Long): 3017338.32 E Location Type (UW or UG): _____

Other Location Information: _____

Depth (feet): 2.5 FT Inclination (Degrees): _____ Orientation (N-S, E-W): _____

TARGET/ANOMALY CHARACTERISTICS

Type of Target/Find: ☐ Surface Find ☐ Mag & Dig Target ☒ Primary Geo Target ☐ Validation (QA/QC) ☐ No Dig

Type of Anomaly: ☐ UXO ☐ MEC ☐ Inert ☐ Practice ☐ MC (waste) ☐ MD (scrap) ☐ Metal Waste ☐ No Find ☐ Rock ☐ Rust Layer ☐ Oxidation ☐ Misc.: MPPEH

Diameter/Width: UNK | Length: UNK | Estimated Weight: UNK

DIGITAL PHOTO RECORD

Was photo taken? ☒ Yes ☐ No | Camera No.: | Frame No.: 128 | File Name: S12-TRENCH8-29

MUNITIONS NOMENCLATURE (If Known, Record Below and record fuze condition and disposition)

Munitions Mark/Mod: ROCKET MOTOR TYPE UNK

Fuze Mark/Mod: UNK ☐ Nose: _____ ☐ Tail: _____ ☐ Transverse: _____ ☐ Casing: _____

N.E.W. Total: UNK

MUNITIONS CHARACTERISTICS

Munitions Filler: ☐ Explosive ☐ Inert ☒ Propellant ☐ Pyrotechnic ☐ Unknown ☐ Other: _____

Munitions Category: ☐ Depth Charges ☐ Land Mine ☐ Projectiles ☐ Sea Mines ☐ Bombs ☐ Grenades ☐ Misc. Explosive Devices ☐ Pyrotechnics and Flares ☐ Small Arms ☐ Clusters/Dispensers ☐ Guided Missiles ☐ Mortars ☒ Rockets ☐ Torpedoes

FUZE CHARACTERISTICS

Fuze Location(s) (check all that apply): ☒ Nose ☐ Tail ☐ Transverse ☐ Casing

Breaks in Fuze Body? ☐ Yes ☐ No

Fuze Markings: N/A

Fuzing Type(s): ☐ Hydrostatic ☐ MT Long Delay ☐ Powder Train Time Fuze ☐ Nose MT/Tail Impact Inertia ☐ All-ways Acting ☐ Impact ☐ MT Superquick ☐ Pressure ☐ Pt-initiating-Base-detonating ☐ Base Detonating ☐ Influence ☐ Piezo-Electric ☐ Proximity (VT) ☐ Electric ☐ Mech Time (MT) ☐ Point Detonating (PD) ☐ Nose MT/Tail Pressure

Fuze Length: N/A | Fuze Diameter: N/A | Diameter of Fuze Well: N/A

MEC STATUS & PHYSICAL CONDITION (Check all that apply)

☐ Armed ☒ Unarmed ☐ Fired ☐ Unfired
☐ Intact ☒ Broken Open ☐ Filler Visible ☐ Soil Staining

FOR SUXOS USE

Disposition: (Clarify Under Remarks) ☐ Transferred ☐ Transported ☐ Left In Place ☐ Destroyed ☐ BIP ☐ Other: _____ | Date:

Client Notifications By: | Signature: | Date

Transferred To: | Signature: | Date:

Destroyed By: | Signature | Date:

Remarks: shipped off site Container #1

SUXOS Signature: [signature] | Date: 7/26/10

Revised April 2006

MEC DATA AND ACCOUNTABILITY FORM

FOR UXO TEAM USE

Site Name: BRUNSWICK NAS | Team Leader: Mark Soha

Grid or Lane Number: Trench 8 | Work Area: Site 12 | Date: 7/26/10

Location: X (Lat): 378239.91 Y (Long): 3017333.44 Location Type (UW or UG): _____

Other Location Information: _____

Depth (feet): 2' Inclination (Degrees): _____ Orientation (N-S, E-W): _____

TARGET/ANOMALY CHARACTERISTICS

Type of Target/Find: ☐ Surface Find ☐ Mag & Dig Target ☒ Primary Geo Target ☐ Validation (QA/QC) ☐ No Dig

Type of Anomaly: ☐ UXO ☐ MEC ☐ Inert ☐ Practice ☐ MC (waste) ☐ MD (scrap) ☐ Metal Waste ☐ No Find ☐ Rock ☐ Rust Layer ☐ Oxidation ☐ Misc.: MPPEH

Diameter/Width: 4" | Length: 3" | Estimated Weight: UKN

DIGITAL PHOTO RECORD

Was photo taken? ☒ Yes ☐ No | Camera No.: | Frame No.: 129 | File Name: S12Trench 8-30

MUNITIONS NOMENCLATURE (If Known, Record Below and record fuze condition and disposition)

Munitions Mark/Mod: RKT Ventura | Fuze Mark/Mod: ☐ Nose: _____ ☐ Tail: _____ ☐ Transverse: _____ ☐ Casing: _____ | N.E.W. Total: UNK

MUNITIONS CHARACTERISTICS

Munitions Filler: ☐ Explosive ☒ Inert ☐ Propellant ☐ Pyrotechnic ☐ Unknown ☐ Other: _____

Munitions Category: ☐ Depth Charges ☐ Land Mine ☐ Projectiles ☐ Sea Mines ☐ Bombs ☐ Grenades ☐ Misc. Explosive Devices ☐ Pyrotechnics and Flares ☐ Small Arms ☐ Clusters/Dispensers ☐ Guided Missiles ☐ Mortars ☒ Rockets ☐ Torpedoes

FUZE CHARACTERISTICS

Fuze Location(s) (check all that apply): NA ☐ Nose ☐ Tail ☐ Transverse ☐ Casing | Breaks in Fuze Body? ☐ Yes ☐ No | Fuze Markings: N/A

Fuzing Type(s): ☐ Hydrostatic ☐ MT Long Delay ☐ Powder Train Time Fuze ☐ Nose MT/Tail Impact Inertia ☐ All-ways Acting ☐ Impact ☐ MT Superquick ☐ Pressure ☐ Pt-initiating-Base-detonating ☐ Base Detonating ☐ Influence ☐ Piezo-Electric ☐ Proximity (VT) ☐ Electric ☐ Mech Time (MT) ☐ Point Detonating (PD) ☐ Nose MT/Tail Pressure

Fuze Length: | Fuze Diameter: | Diameter of Fuze Well:

MEC STATUS & PHYSICAL CONDITION (Check all that apply)

☐ Armed ☐ Unarmed ☐ Fired ☐ Unfired ☐ Intact ☒ Broken Open ☐ Filler Visible ☐ Soil Staining

FOR SUXOS USE

Disposition: (Clarify Under Remarks) ☐ Transferred ☐ Transported ☐ Left In Place ☐ Destroyed ☐ BIP ☐ Other: Certified MDAS | Date:

Client Notifications By: | Signature: | Date

Transferred To: | Signature: | Date:

Destroyed By: | Signature | Date:

Remarks: shipped off site Container # 1

SUXOS Signature: [signature] | Date: 7/26/10

Revised April 2006

MEC DATA AND ACCOUNTABILITY FORM

FOR UXO TEAM USE

Site Name: BRUNSWICK NAS SITE 12 | Team Leader: MARK SOHA

Grid or Lane Number: TRENCH 10 | Work Area: SITE 12 | Date: 7-26-16

Location: X (Lat): 378303.64 N Y (Long): 3017300.48 E Location Type (UW or UG): _____

Other Location Information: _____

Depth (feet): 2.5 FT Inclination (Degrees): _____ Orientation (N-S, E-W): _____

TARGET/ANOMALY CHARACTERISTICS

Type of Target/Find: ☐ Surface Find ☐ Mag & Dig Target ☒ Primary Geo Target ☐ Validation (QA/QC) ☐ No Dig

Type of Anomaly: ☐ UXO ☐ MEC ☐ Inert ☐ Practice ☐ MC (waste) ☐ MD (scrap) ☐ Metal Waste ☐ No Find ☐ Rock ☐ Rust Layer ☐ Oxidation ☐ Misc.: MORTAR

Diameter/Width: 2.25 | Length: 3 FT | Estimated Weight: UNK

DIGITAL PHOTO RECORD

Was photo taken? ☒ Yes ☐ No | Camera No.: | Frame No.: 158 | File Name: S12 TRENCH 10-31

MUNITIONS NOMENCLATURE (If Known, Record Below and record fuze condition and disposition)

Munitions Mark/Mod: 2.25 SUBCALIBER ROCKET W/H

Fuze Mark/Mod: N/A (INERT WARHEAD) ☐ Nose: _____ ☐ Tail: _____ ☐ Transverse: _____ ☐ Casing: _____

N.E.W. Total: UNK

MUNITIONS CHARACTERISTICS

Munitions Filler: ☐ Explosive ☒ Inert ☐ Propellant ☐ Pyrotechnic ☐ Unknown ☐ Other: _____

Munitions Category: ☐ Depth Charges ☐ Land Mine ☐ Projectiles ☐ Sea Mines ☐ Bombs ☐ Grenades ☐ Misc. Explosive Devices ☐ Pyrotechnics and Flares ☐ Small Arms ☐ Clusters/Dispensers ☐ Guided Missiles ☐ Mortars ☒ Rockets ☐ Torpedoes

FUZE CHARACTERISTICS

Fuze Location(s) (check all that apply): ☐ Nose ☐ Tail ☐ Transverse ☐ Casing

Breaks in Fuze Body? ☐ Yes ☐ No

Fuze Markings: N/A

Fuzing Type(s): ☐ Hydrostatic ☐ MT Long Delay ☐ Powder Train Time Fuze ☐ Nose MT/Tail Impact Inertia ☐ All-ways Acting ☐ Impact ☐ MT Superquick ☐ Pressure ☐ Pt-Initiating-Base-detonating ☐ Base Detonating ☐ Influence ☐ Piezo-Electric ☐ Proximity (VT) ☐ Electric ☐ Mech Time (MT) ☐ Point Detonating (PD) ☐ Nose MT/Tail Pressure

Fuze Length: N/A | Fuze Diameter: N/A | Diameter of Fuze Well: N/A

MEC STATUS & PHYSICAL CONDITION (Check all that apply)

☐ Armed ☒ Unarmed ☐ Fired ☐ Unfired ☐ Intact ☒ Broken Open ☐ Filler Visible ☐ Soil Staining

FOR SUXOS USE

Disposition: (Clarify Under Remarks) ☐ Transferred ☐ Transported ☐ Left In Place ☐ Destroyed ☐ BIP ☐ Other: _____ | Date:

Client Notifications By:	Signature:	Date
Transferred To:	Signature:	Date:
Destroyed By:	Signature	Date:

Remarks: Shipped off site in Container # 1

SUXOS Signature: [signature] | Date: 7/26/16

Revised April 2006

MEC DATA AND ACCOUNTABILITY FORM

FOR UXO TEAM USE

Site Name: BRUNSWICK NAS SITE 12 | Team Leader: MARK SOHA

Grid or Lane Number: TRENCH 10 | Work Area: SITE 12 | Date: 7-28-10

Location: X (Lat): 378306.72 N Y (Long): 3017308.90 E Location Type (UW or UG):

Other Location Information:

Depth (feet): Inclination (Degrees): Orientation (N-S, E-W):

TARGET/ANOMALY CHARACTERISTICS

Type of Target/Find: ☐ Surface Find ☐ Mag & Dig Target ☒ Primary Geo Target ☐ Validation (QA/QC) ☐ No Dig

Type of Anomaly: ☐ UXO ☐ MEC ☐ Inert ☐ Practice ☐ MC (waste) ☐ MD (scrap) ☐ Metal Waste ☐ No Find ☐ Rock ☐ Rust Layer ☐ Oxidation ☐ Misc.: MPPEH

Diameter/Width: 2.75 | Length: 2 IN | Estimated Weight: UNK

DIGITAL PHOTO RECORD

Was photo taken? ☒ Yes ☐ No | Camera No.: | Frame No.: 59 | File Name: S12-TRENCH 10-32

MUNITIONS NOMENCLATURE (If Known, Record Below and record fuze condition and disposition)

Munitions Mark/Mod: 2.75 ROCKET VENTURI

Fuze Mark/Mod: N/A ☐ Nose: ☐ Tail: ☐ Transverse: ☐ Casing:

N.E.W. Total: 0

MUNITIONS CHARACTERISTICS

Munitions Filler: ☐ Explosive ☐ Inert ☒ Propellant ☐ Pyrotechnic ☐ Unknown ☐ Other:

Munitions Category: ☐ Depth Charges ☐ Land Mine ☐ Projectiles ☐ Sea Mines ☐ Bombs ☐ Grenades ☐ Misc. Explosive Devices ☐ Pyrotechnics and Flares ☐ Small Arms ☐ Clusters/Dispensers ☐ Guided Missiles ☐ Mortars ☒ Rockets ☐ Torpedoes

FUZE CHARACTERISTICS

Fuze Location(s) (check all that apply): ☐ Nose ☐ Tail ☐ Transverse ☐ Casing

Breaks in Fuze Body? ☐ Yes ☐ No

Fuze Markings: N/A

Fuzing Type(s): ☐ Hydrostatic ☐ MT Long Delay ☐ Powder Train Time Fuze ☐ Nose MT/Tail Impact Inertia ☐ All-ways Acting ☐ Impact ☐ MT Superquick ☐ Pressure ☐ Pt-Initiating-Base-detonating ☐ Base Detonating ☐ Influence ☐ Piezo-Electric ☐ Proximity (VT) ☐ Electric ☐ Mech Time (MT) ☐ Point Detonating (PD) ☐ Nose MT/Tail Pressure

Fuze Length: N/A | Fuze Diameter: N/A | Diameter of Fuze Well: N/A

MEC STATUS & PHYSICAL CONDITION (Check all that apply)

☐ Armed ☐ Unarmed ☒ Fired ☐ Unfired ☐ Intact ☒ Broken Open ☐ Filler Visible ☐ Soil Staining

FOR SUXOS USE

Disposition: (Clarify Under Remarks) ☐ Transferred ☐ Transported ☐ Left In Place ☐ Destroyed ☐ BIP ☐ Other: Certified MDAS | Date:

Client Notifications By: | Signature: | Date

Transferred To: | Signature: | Date:

Destroyed By: | Signature | Date:

Remarks: shipped off site Container #1

SUXOS Signature: Syd Rody | Date: 7/30/10

Revised April 2006

MEC DATA AND ACCOUNTABILITY FORM

FOR UXO TEAM USE

Site Name: BRUNSWICK NAS SITE 12 | Team Leader: MARK SOHA

Grid or Lane Number: TRENCH 10 | Work Area: SITE 12 | Date: 7-28-10

Location: X (Lat): 378292.30 N Y (Long): 3017306.19 E Location Type (UW or UG):

Other Location Information:

Depth (feet): 2 FT Inclination (Degrees): Orientation (N-S, E-W):

TARGET/ANOMALY CHARACTERISTICS

Type of Target/Find: ☐ Surface Find ☐ Mag & Dig Target ☒ Primary Geo Target ☐ Validation (QA/QC) ☐ No Dig

Type of Anomaly: ☐ UXO ☒ MEC ☐ Inert ☐ Practice ☐ MC (waste) ☐ MD (scrap) ☐ Metal Waste ☐ No Find ☐ Rock ☐ Rust Layer ☐ Oxidation ☐ Misc.:

Diameter/Width: N/K | Length: N/K | Estimated Weight: .5 Lbs

DIGITAL PHOTO RECORD

Was photo taken? ☒ Yes ☐ No | Camera No.: | Frame No.: 161 | File Name: S12 TRENCH 10-34

MUNITIONS NOMENCLATURE (If Known, Record Below and record fuze condition and disposition)

Munitions Mark/Mod: BULK HE

Fuze Mark/Mod: N/K ☐ Nose: ☐ Tail: ☐ Transverse: ☐ Casing:

N.E.W. Total: .5 Lbs

MUNITIONS CHARACTERISTICS UNKNOWN

Munitions Filler: ☒ Explosive ☐ Inert ☐ Propellant ☐ Pyrotechnic ☐ Unknown ☐ Other:

Munitions Category: ☐ Depth Charges ☐ Land Mine ☐ Projectiles ☐ Sea Mines UNK ☐ Bombs ☐ Grenades ☐ Misc. Explosive Devices ☐ Pyrotechnics and Flares ☐ Small Arms ☐ Clusters/Dispensers ☐ Guided Missiles ☐ Mortars ☐ Rockets ☐ Torpedoes

FUZE CHARACTERISTICS

Fuze Location(s) (check all that apply): ☐ Nose ☐ Tail ☐ Transverse ☐ Casing

Breaks in Fuze Body? ☐ Yes ☐ No

Fuze Markings: N/A

Fuzing Type(s): ☐ Hydrostatic ☐ MT Long Delay ☐ Powder Train Time Fuze ☐ Nose MT/Tail Impact Inertia ☐ All-ways Acting ☐ Impact ☐ MT Superquick ☐ Pressure ☐ Pt-initiating-Base-detonating ☐ Base Detonating ☐ Influence ☐ Piezo-Electric ☐ Proximity (VT) ☐ Electric ☐ Mech Time (MT) ☐ Point Detonating (PD) ☐ Nose MT/Tail Pressure

Fuze Length: N/A | Fuze Diameter: N/A | Diameter of Fuze Well: N/A

MEC STATUS & PHYSICAL CONDITION (Check all that apply)

☐ Armed ☐ Unarmed ☐ Fired ☐ Unfired ☐ Intact ☒ Broken Open ☐ Filler Visible ☐ Soil Staining

FOR SUXOS USE

Disposition: (Clarify Under Remarks) ☐ Transferred ☐ Transported ☐ Left In Place ☐ Destroyed ☐ BIP ☐ Other: | Date:

Client Notifications By: | Signature: | Date

Transferred To: | Signature: | Date:

Destroyed By: Syd Rodgers | Signature: Syd Rodgers | Date: 8/4/10

Remarks: Detonated on site

SUXOS Signature: Syd Rodgers | Date: 8/4/10

Revised April 2006

MEC DATA AND ACCOUNTABILITY FORM

FOR UXO TEAM USE

Site Name: BRUNSWICK NAS SITE 12 | Team Leader: MARK SOHA

Grid or Lane Number: TRENCH 10 | Work Area: SITE 12 | Date: 7-28-10

Location: X (Lat): 378293.03 N Y (Long): 3017302.91 E Location Type (UW or UG): _____

Other Location Information: _____

Depth (feet): 18 INCHES Inclination (Degrees): _____ Orientation (N-S, E-W): _____

TARGET/ANOMALY CHARACTERISTICS

Type of Target/Find: ☐ Surface Find ☐ Mag & Dig Target ☒ Primary Geo Target ☐ Validation (QA/QC) ☐ No Dig

Type of Anomaly: ☐ UXO ☐ MEC ☐ Inert ☐ Practice ☐ MC (waste) ☐ MD (scrap) ☐ Metal Waste ☐ No Find ☐ Rock ☐ Rust Layer ☐ Oxidation ☐ Misc.: MOPEH

Diameter/Width: 3.5 IN | Length: 3.5 IN | Estimated Weight: UNK

DIGITAL PHOTO RECORD

Was photo taken? ☒ Yes ☐ No | Camera No.: | Frame No.: 162 | File Name: S12-TRENCH 10-35

MUNITIONS NOMENCLATURE (If Known, Record Below and record fuze condition and disposition)

Munitions Mark/Mod: UNK FUZE

Fuze Mark/Mod: UNK ☐ Nose: _____ ☐ Tail: _____ ☐ Transverse: _____ ☐ Casing: _____

N.E.W. Total: UNK

MUNITIONS CHARACTERISTICS

Munitions Filler: ☐ Explosive ☐ Inert ☐ Propellant ☐ Pyrotechnic ☒ Unknown ☐ Other: _____

Munitions Category: ☐ Depth Charges ☐ Land Mine ☐ Projectiles ☐ Sea Mines ☐ Bombs ☐ Grenades ☐ Misc. Explosive Devices ☐ Pyrotechnics and Flares ☐ Small Arms ☐ Clusters/Dispensers ☐ Guided Missiles ☐ Mortars ☐ Rockets ☐ Torpedoes

FUZE CHARACTERISTICS

Fuze Location(s) (check all that apply): UNK ☐ Nose ☐ Tail ☐ Transverse ☐ Casing

Breaks in Fuze Body? ☐ Yes ☐ No

Fuze Markings: NONE

Fuzing Type(s): ☐ Hydrostatic ☐ MT Long Delay ☐ Powder Train Time Fuze ☐ Nose MT/Tail Impact Inertia ☐ All-ways Acting ☐ Impact ☐ MT Superquick ☐ Pressure ☐ Pt-initiating-Base-detonating ☐ Base Detonating ☐ Influence ☐ Piezo-Electric ☐ Proximity (VT) ☐ Electric ☐ Mech Time (MT) ☐ Point Detonating (PD) ☐ Nose MT/Tail Pressure

Fuze Length: 3.5 IN | Fuze Diameter: 1.5 IN | Diameter of Fuze Well: 1.5 IN

MEC STATUS & PHYSICAL CONDITION (Check all that apply)

☐ Armed ☐ Unarmed ☐ Fired ☐ Unfired ☐ Intact ☐ Broken Open ☐ Filler Visible ☐ Soil Staining UNK

FOR SUXOS USE

Disposition: (Clarify Under Remarks) ☐ Transferred ☐ Transported ☐ Left in Place ☐ Destroyed ☐ BIP ☐ Other: _____ | Date:

Client Notifications By: | Signature: | Date

Transferred To: | Signature: | Date:

Destroyed By: Syd Rodgers | Signature: Syd Rodgers | Date: 8/4/10

Remarks: _____

SUXOS Signature: Syd Rodgers | Date: 8/4/10

Revised April 2006

MEC DATA AND ACCOUNTABILITY FORM

FOR UXO TEAM USE

Site Name: BRUNSWICK NAS | Team Leader: MARK SOHA

Grid or Lane Number: TRENCH 10 | Work Area: SITE 12 | Date: 7-28-10

Location: X (Lat): 378303.22 N Y (Long): 3017307.78 Location Type (UW or UG): _____

Other Location Information: _____

Depth (feet): 12 INCHES Inclination (Degrees): _____ Orientation (N-S, E-W): _____

TARGET/ANOMALY CHARACTERISTICS

Type of Target/Find: ☐ Surface Find ☐ Mag & Dig Target ☒ Primary Geo Target ☐ Validation (QA/QC) ☐ No Dig

Type of Anomaly: ☐ UXO ☐ MEC ☐ Inert ☐ Practice ☐ MC (waste) ☐ MD (scrap) ☐ Metal Waste ☐ No Find ☐ Rock ☐ Rust Layer ☐ Oxidation ☐ Misc.: MPPEH

Diameter/Width: 20 IN | Length: 10 FT | Estimated Weight: UNK

DIGITAL PHOTO RECORD

Was photo taken? ☒ Yes ☐ No | Camera No.: | Frame No.: 163 | File Name: S12-TRENCH 10-36

MUNITIONS NOMENCLATURE (If Known, Record Below and record fuze condition and disposition)

Munitions Mark/Mod: TORPEDO MK 34

Fuze Mark/Mod: UNK ☐ Nose: _____ ☐ Tail: _____ ☐ Transverse: _____ ☐ Casing: _____

N.E.W. Total: 0

MUNITIONS CHARACTERISTICS

Munitions Filler: ☐ Explosive ☒ Inert ☐ Propellant ☐ Pyrotechnic ☐ Unknown ☐ Other: _____

Munitions Category: ☐ Depth Charges ☐ Land Mine ☐ Projectiles ☐ Sea Mines ☐ Bombs ☐ Grenades ☐ Misc. Explosive Devices ☐ Pyrotechnics and Flares ☐ Small Arms ☐ Clusters/Dispensers ☐ Guided Missiles ☐ Mortars ☐ Rockets ☒ Torpedoes

FUZE CHARACTERISTICS

Fuze Location(s) (check all that apply): N/A ☐ Nose ☐ Tail ☐ Transverse ☐ Casing

Breaks in Fuze Body? ☐ Yes ☐ No

Fuze Markings: N/A

Fuzing Type(s): ☐ Hydrostatic ☐ MT Long Delay ☐ Powder Train Time Fuze ☐ Nose MT/Tail Impact Inertia ☐ All-ways Acting ☐ Impact ☐ MT Superquick ☐ Pressure ☐ Pt-initiating-Base-detonating ☐ Base Detonating ☐ Influence ☐ Piezo-Electric ☐ Proximity (VT) ☐ Electric ☐ Mech Time (MT) ☐ Point Detonating (PD) ☐ Nose MT/Tail Pressure

Fuze Length: UNK | Fuze Diameter: UNK | Diameter of Fuze Well: UNK

MEC STATUS & PHYSICAL CONDITION (Check all that apply)

☐ Armed ☒ Unarmed ☐ Fired ☐ Unfired ☐ Intact ☒ Broken Open ☐ Filler Visible ☐ Soil Staining

FOR SUXOS USE

Disposition: (Clarify Under Remarks) ☐ Transferred ☐ Transported ☐ Left In Place ☐ Destroyed ☐ BIP ☐ Other: Certified MDAS | Date:

Client Notifications By:	Signature:	Date
Transferred To:	Signature:	Date:
Destroyed By:	Signature	Date: 8/4/10

Remarks: Placed on Pallet And Shipped off site

SUXOS Signature: [signature] | Date: 8/4/10

Revised April 2006

MEC DATA AND ACCOUNTABILITY FORM

FOR UXO TEAM USE

Site Name: BRUNSWICK NAS SITE 12 | Team Leader: MARK SOHA

Grid or Lane Number: TRENCH 10 | Work Area: SITE 12 | Date: 7-28-10

Location: X (Lat): 378297.16 N | Y (Long): 3017326.64 E | Location Type (UW or UG): _____

Other Location Information: _____

Depth (feet): - | Inclination (Degrees): _____ | Orientation (N-S, E-W): _____

TARGET/ANOMALY CHARACTERISTICS

Type of Target/Find: ☐ Surface Find ☒ Mag & Dig Target ☒ Primary Geo Target ☐ Validation (QA/QC) ☐ No Dig

Type of Anomaly: ☐ UXO ☐ MEC ☐ Inert ☐ Practice ☐ MC (waste) ☐ MD (scrap) ☐ Metal Waste ☐ No Find ☐ Rock ☐ Rust Layer ☐ Oxidation ☐ Misc.: MPPEH

Diameter/Width: | Length: | Estimated Weight:

DIGITAL PHOTO RECORD

Was photo taken? ☑ Yes ☐ No | Camera No.: | Frame No.: 163 | File Name: S12-TRENCH 10-~~36~~37

MUNITIONS NOMENCLATURE (If Known, Record Below and record fuze condition and disposition)

Munitions Mark/Mod: UNK FUZE

Fuze Mark/Mod: UNK
☐ Nose: _____ ☐ Tail: _____
☐ Transverse: _____ ☐ Casing: _____

N.E.W. Total: UNK

MUNITIONS CHARACTERISTICS

Munitions Filler: ☐ Explosive ☐ Inert ☐ Propellant ☐ Pyrotechnic ☒ Unknown ☐ Other: _____

Munitions Category: ☐ Depth Charges ☐ Land Mine ☐ Projectiles ☐ Sea Mines
☐ Bombs ☐ Grenades ☐ Misc. Explosive Devices ☐ Pyrotechnics and Flares ☐ Small Arms
☐ Clusters/Dispensers ☐ Guided Missiles ☐ Mortars ☐ Rockets ☐ Torpedoes

FUZE CHARACTERISTICS

Fuze Location(s) (check all that apply): ☐ Nose ☐ Tail ☐ Transverse ☐ Casing

Breaks in Fuze Body? ☐ Yes ☐ No

Fuze Markings: NONE

Fuzing Type(s): ☐ Hydrostatic ☐ MT Long Delay ☐ Powder Train Time Fuze ☐ Nose MT/Tail Impact Inertia
☐ All-ways Acting ☐ Impact ☐ MT Superquick ☐ Pressure ☐ Pt-Initiating-Base-detonating
☐ Base Detonating ☐ Influence ☐ Piezo-Electric ☐ Proximity (VT)
☐ Electric ☐ Mech Time (MT) ☐ Point Detonating (PD) ☐ Nose MT/Tail Pressure

Fuze Length: 9.5 IN | Fuze Diameter: 3.5 IN | Diameter of Fuze Well: 1.5 IN

MEC STATUS & PHYSICAL CONDITION (Check all that apply)

☐ Armed ☐ Unarmed ☐ Fired ☐ Unfired
☐ Intact ☐ Broken Open ☐ Filler Visible ☐ Soil Staining UNK

FOR SUXOS USE

Disposition: (Clarify Under Remarks) ☐ Transferred ☐ Transported ☐ Left In Place ☐ Destroyed ☐ BIP ☐ Other: _____ | Date:

Client Notifications By: | Signature: | Date

Transferred To: | Signature: | Date:

Destroyed By: | Signature | Date:

Remarks: shipped off site Container #1

SUXOS Signature: [signature] | Date: 8/4/10

Revised April 2006

MEC DATA AND ACCOUNTABILITY FORM

FOR UXO TEAM USE

Site Name: BRUNSWICK NAS SITE 12 | Team Leader: MARK SOHA

Grid or Lane Number: G-1 | Work Area: SITE 12 | Date: 8-3-10

Location: X (Lat): 378336.43 N Y (Long): 3016785.96 Location Type (UW or UG): _____

Other Location Information: _____

Depth (feet): 0 Inclination (Degrees): _____ Orientation (N–S, E-W): _____

TARGET/ANOMALY CHARACTERISTICS

Type of Target/Find: ☒ Surface Find ☐ Mag & Dig Target ☒ Primary Geo Target ☐ Validation (QA/QC) ☐ No Dig

Type of Anomaly: ☐ UXO ☐ MEC ☒ Inert ☐ Practice ☐ MC (waste) ☐ MD (scrap) ☐ Metal Waste ☐ No Find ☐ Rock ☐ Rust Layer ☐ Oxidation ☐ Misc.: MPPEH

Diameter/Width: 6 IN | Length: 3 IN | Estimated Weight: UNK

DIGITAL PHOTO RECORD

Was photo taken? ☒ Yes ☐ No | Camera No.: | Frame No.: 167 | File Name: S12-G1-38

MUNITIONS NOMENCLATURE (If Known, Record Below and record fuze condition and disposition)

Munitions Mark/Mod: GATOR MINE

Fuze Mark/Mod: UNK
☐ Nose: _____ ☐ Tail: _____
☐ Transverse: _____ ☐ Casing: _____

N.E.W. Total: 0

MUNITIONS CHARACTERISTICS

Munitions Filler: ☐ Explosive ☒ Inert ☐ Propellant ☐ Pyrotechnic ☐ Unknown ☐ Other: _____

Munitions Category: ☐ Depth Charges ☒ Land Mine ☐ Projectiles ☐ Sea Mines
☐ Bombs ☐ Grenades ☐ Misc. Explosive Devices ☐ Pyrotechnics and Flares ☐ Small Arms
☐ Clusters/Dispensers ☐ Guided Missiles ☐ Mortars ☐ Rockets ☐ Torpedoes

FUZE CHARACTERISTICS

Fuze Location(s) (check all that apply): ☐ Nose ☐ Tail ☒ Transverse ☐ Casing

Breaks in Fuze Body? ☐ Yes ☐ No

Fuze Markings: NONE

Fuzing Type(s): ☐ Hydrostatic ☐ MT Long Delay ☐ Powder Train Time Fuze ☐ Nose MT/Tail Impact Inertia
☐ All-ways Acting ☐ Impact ☐ MT Superquick ☐ Pressure ☐ Pt-initiating-Base-detonating
☐ Base Detonating ☒ Influence ☐ Piezo-Electric ☐ Proximity (VT)
☐ Electric ☐ Mech Time (MT) ☐ Point Detonating (PD) ☐ Nose MT/Tail Pressure

Fuze Length: UNK | Fuze Diameter: UNK | Diameter of Fuze Well: UNK

MEC STATUS & PHYSICAL CONDITION (Check all that apply)

☐ Armed ☒ Unarmed ☐ Fired ☐ Unfired
☐ Intact ☐ Broken Open ☐ Filler Visible ☐ Soil Staining

FOR SUXOS USE

Disposition: (Clarify Under Remarks) ☐ Transferred ☐ Transported ☐ Left In Place ☐ Destroyed ☐ BIP ☐ Other: _____ | Date:

Client Notifications By: | Signature: | Date

Transferred To: | Signature: | Date:

Destroyed By: Syd Rodgers | Signature: [signature] | Date: 8/4/10

Remarks: _____

SUXOS Signature: [signature] | Date: 8/4/10

D.3 AUTHORIZATION TO INSPECT AND CERTIFY MPPEH

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND, MID-ATLANTIC
9742 MARYLAND AVENUE
NORFOLK, VA 23511-3095

5090
EV3/00/588
20 SEP 2010

From: Commanding Officer, Naval Facilities Engineering Command, Mid-Atlantic
To: Director, BRAC Program Management Office Northeast, 4911 South Broad Street, Philadelphia, PA 19112-1303

Subj: AUTHORIZATION TO INSPECT AND CERTIFY MATERIAL POTENTIALLY PRESENTING AN EXPLOSIVE HAZARD (MPPEH) FOR NAVAL AIR STATION BRUNSWICK, MAINE

Ref: (a) NAVSEA Op 5 Volume 1 (Seventh Revision)

Encl: (1) Printed Names and Signatures of Tetra Tech NUS Certifiers for MPPEH Inspection

1. Per paragraph 13-15.7 of reference (a), the following Tetra Tech NUS personnel are qualified and authorized to sign a certification of Material Potentially Presenting an Explosive Hazard (MPPEH) as safe or hazardous for Site 12 EOD area, Former Munitions Bunker West Area, the Quarry and associated activities:

a. Sydney Rogers, UXO Technician III (SUXOS)

b. Glen Childers, UXO Technician III (UXOQCS/SSO)

2. Enclosure (1) contains sample signatures for each individual listed above.

M. R. LIBONATE

Copy to:
BRAC PMO NE (Mr. Todd Bober)
NOSSA (Mr. Doug Murray)

PRINTED NAMES AND SIGNATURES OF TETRA TECH NUS CERTIFIERS FOR MPPEH INSPECTION

UXO Technician III (SUXOS)
Sydney Rodgers

Signature

UXO Technician III (UXOQCS/SSO)
Glen Childers

Signature

ENCLOSURE (1)

D.4 MDAS DISPOSAL-CERTIFICATION

DMI DEMIL METALS, INC.

P.O. Box 126
Glencoe, Illinois 60022
www.demilmetals.com

CERTIFICATE OF DESTRUCTION

To: Ms. Linda Klink
Project Manager
Tetra Tech NUS, Inc.
Foster Plaza 7
661 Anderson Drive
Pittsburgh, PA 15220

From: Barry R. Schaffer
President
Demil Metals, Inc.

Re: Job No. 112G00645
Subcontract No. 1065843
Prime Contract No. N62472-03-D-0057

Demilitarization & Recycling of NAS Brunswick, ME Range Residues
Shipment No. 01: 1,850 LB

I hereby certify that the above referenced material shipped from the NAS Brunswick, ME was demilitarized by means of shredding & smelting at Bedford Recycling, Bedford, IN and were only identified by their basic contents; further recycling was accomplished by smelting the material at Waupaca Foundry, Tell City, IN and are now only identifiable by their basic contents.

This certification is made in accordance with and subject to the penalties of law under the United States Code, Crimes and Criminal Procedures; Title 18, Section 1001.

Signature: Barry R Schaffer

Name: Barry R. Schaffer

Title: President

Company: Demil Metals, Inc.

Date: November 5, 2010

Tel: 847.266.0117 Email: brs261@demilmetals.com Fax: 847.266.0119

BEDFORD RECYCLING INC.

904 SUMMIT LANE
BEDFORD, IN 47421
Ph. 812-275-6883
Fax 812-277-3527

BLANKET END USE CERTIFICATION

TETRA TECH EC INC.

UXO INSPECTED RANGE RESIDUE SCRAP
EX NAVAL AIR STATION
BRUNSWICK, ME

JOB NUMBER No: 112G00645
SUBCONTRACT No: 1065843
PRIME CONTRACT No: N62472-03-D-0057
SHIPMENT No: 1 WEIGHT: 1,850 LB

Upon receiving the unopened labeled containers each with its unique identified and unbroken seal ensuring a continued chain of custody, and after reviewing and concurring with all the provided supporting documentation, sign for having received and agreeing with the provided documentation that the sealed containers contained no explosive hazards when received.

The contents of the sealed containers will not be sold, traded or otherwise given to another party until the contents have been smelted and are only identifiable by their basic contents.

It is hereby certified that Demil Metals, Inc., Glencoe, IL and it's subcontractor, Bedford Recycling, Bedford, IN has complied with all applicable federal, state and local ordinances and regulations with respect to the care, handling, storage, shipment, resale, export, and other use of the material hereby purchased, and that both companies are users in said materials and are capable of complying with all applicable federal, state, and local laws. It is further certified that the material has been recycled into new products by means of mechanically shredding and smelting within the continental United States of America and that the material was only identifiable by its basic contents. This certification is made in accordance with and subject to the penalties of Title 18, Section 1001, of the United States Code, Crimes and Criminal Procedures.

SIGNATURE: Larry Parsons
Larry Parsons

DATE: October 10, 2010

TITLE: President

COMPANY: Bedford Recycling, Inc.

FREIGHT CHARGES ARE PREPAID ON THIS BILL OF LADING UNLESS MARKED COLLECT

OLD DOMINION FREIGHT LINE, INC
PHONE: 800-432-6335 WEB: www.odfl.com
INTERNET STRAIGHT BILL OF LADING
ORIGINAL - NOT NEGOTIABLE
Page 1 of 1

77719075077

FREIGHT CHARGES: Prepaid
DATE: 10/04/2010

B/L# -
PO#:

SHIPPER (FROM):
TETRA TECH/BRUNSWICK NAVAL BASE
COOKS CORNER
BRUNSWICK, ME 04011
UNITED STATES
505-459-3466
SYD RODGERS

CONSIGNEE (TO):
BEDFORD RECYCLING WAREHOUSE
904 SUMMIT & H ST.
BEDFORD, IN 47421
UNITED STATES
812-275-6883

COD
Amount:
COD Fee:

Subject to section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

BILL THIRD PARTY FREIGHT CHARGES TO:
SOUTHEAST TRANSPORT SERVICES INC
DBA JUPITER TRANSPORT SERVICES
JUPITER, FL 33468
UNITED STATES
561-746-1634
JIM THUM

REMIT TO (COD):

Pieces	HM	Description	Type	NMFC No.	Class	Weight (lbs)
1		PRACTICE BOMB CASING	SKID		85	250
1		PRACTICE BOMB CASING	SKID		85	575
1		RESIDUE / DRUM of metal SCRAP	SKID		55	140
1		PRACTICE BOMB CASING-TAIL FIN ASSEMBLY	SKID		85	110

SPECIAL INSTRUCTIONS

HAZARDOUS MATERIALS EMERGENCY CONTACT: -

Total Weight: 1,075
Total Shipping Units: 4 - Skids

Carrier Liability: Shipments valued at more that $20.00 per pound are of extraordinary value. Carrier's maximum liability is $20.00 per pound per package subject to $50,000.00 maximum total liability per shipment. The agreed value on household goods, used machinery, or personal effects does not exceed ten cents per pound per article, unless otherwise specified.

NOTE—Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

$_____ per _____

Shipper hereby certifies that he understands that all transportation by ODFL shall be subject to the terms and conditions of the Bill of Lading contract shown in the NMFC 100 series, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

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 AND THE NATIONAL MOTOR FREIGHT CLASSIFICATION AS SHOWN IN THE NMFC 100 SERIES.

ACCESSORIAL SERVICES REQUESTED
☑ CA ☑ LDC

ODFL

SHIPPER: TETRA TECH/BRUNSWICK NAVAL BASE
AUTHORIZED SIGNATURE: (Shipper)

DATE: 10-4-10
H/U RECEIVED: (4) SKIDS
TRAILER NO: 405385
CARRIER: OLD DOMINION FREIGHT LINE, INC.
AUTHORIZED SIGNATURE: (Driver)

DOC IDENT	RI FROM	M & S		U/I	QUANTITY	SER	SUPPLEMENTARY ADDRESS	SIG	FUND	DISTRIBUTION	PROJECT	PRI	RDD EEA QLTY DE	ADV
				EA	1									

1. TOTAL PRICE	2. SHIP FROM	SHIP TO
UNIT PRICE DOLLARS CTS	NAS Brunswick	Demil Metals
DOLLARS CTS	4. MARK FOR	

24. DOCUMENT NUMBER & SUFFIX (30-44)

MDAS Form 1

25. NATIONAL STOCK NUMBER & ADD (6-22)

28

SN#

P/N:

27. ADDITIONAL DATA

Attached MDAS Additional Form for Container 1 inspected and certified

5. DOCDATE	6. NMFC	7. FRT RATE	8. TYPE CARGO	9. PS

10. QTY. RECD	11. UP	12. UNIT WEIGHT	13. UNIT CUBE	14. UFC	15. SL

16. FREIGHT CLASSIFICATION NOMENCLATURE

17. ITEM NOMENCLATURE

18. TYCONT	19. NO CONT	20. TOTAL WEIGHT	21. TOTAL CUBE

22. RECEIVED BY	23. DATE RECEIVED

I CERTIFY THAT THIS MATERIAL MEETS ALL APPLICABLE QUALIFICATIONS OF THE DOD RRRP PROGRAM AND IS NOT STRATEGIC LIST OR MUNITIONS LIST ITEMS REQUIRING DEMIL

MDAS Addition Form for
Container #___1_____

NO.	Description/NIIN	Quantity	Type of Treatment*
1	Fuze Unknown	4 ea	MDAS
2	Nose Plug	3 ea	MDAS
3	Rotating Band	1 ea	MDAS
4	Gator Mine Components	2 ea	MDAS
5	90mm Projectile	1 ea	MDAS
6	60mm Mortar	1 ea	MDAS
7	Missile Components	2 ea	MDAS
8	40mm Cartridge Base	2 ea	MDAS
9	Fuze, Projectile Nose	1 ea	MDAS
10	Bomb Lug	1 ea	MDAS
11	Adapter Ring	2 ea	MDAS
12	Rocket Motor Component (2.25")	1 ea	MDAS
13	Fuze Components	9 ea	MDAS
14	Rocket Motor Components (2.36")	1 ea	MDAS
15	Impulse Cartridges	102 ea	MDAS
16	Grenade Fuze	3 ea	MDAS
17	Explosive Cable Cutter	1 ea	MDAS
18	Miscellaneous Frag	5 lb	MDAS
19	Assorted Small Arms ammunition	332 rds	MDAS
20	Cartridge Base (37mm)	1 ea	MDAS
21	Projectile (.50 Caliber)	1 ea	MDAS

* If applicable

"This certifies that the material potentially presenting an explosive hazard listed has been 100 percent properly inspected and to the best of our knowledge and belief, is inert and/or free of explosives or related materials"

CERTIFIER PRINTED NAME Syd Rodgers

SIGNATURE Syd Rodgers DATE 9/29/10

POSITION Senior UXO Supervisor

ORGANIZATION NAME Tetra Tech NUS

ORGANIZATION ADDRESS 2171 West Park Court, Stone Mountain GA. 30087

ORGANIZATION PHONE NUMBER (770) 413-0965

MDAS Addition Form for
Container # 1

VERIFIER PRINTED NAME Glen Childers

SIGNATURE _____ DATE 9/29/10

POSITION QC/Safety Officer

ORGANIZATION NAME Tetra Tech NUS

ORGANIZATION ADDRESS 2171 West Park Court, Stone Mountain GA,30087

ORGANIZATION PHONE NUMBER (770) 413-0965

DOC IDENT	RI FROM	M & S	U/I	QUANTITY	SER	SUPPLEMENTARY ADDRESS	SIG	FUND	DISTRIBUTION	PROJECT	PRI	RDD EEA QLT DE	ADV
			EA	1									

1. TOTAL PRICE	2. SHIP FROM	SHIP TO
UNIT PRICE DOLLARS CTS	NAS Brunswick	Demil Metals
DOLLARS CTS		
	4. MARK FOR	

5. DOCDATE	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. TYCONT	19. NO CONT	20. TOTAL WEIGHT	21. TOTAL CUBE

22. RECEIVED BY	23. DATE RECEIVED

24. DOCUMENT NUMBER & SUFFIX (30-44)

MDAS Form 2

25. NATIONAL STOCK NUMBER & ADD (8-22)

26

SN#

P/N:

27. ADDITIONAL DATA

Attached MDAS Additional Form for Container 2 inspected and certified

I CERTIFY THAT THIS MATERIAL MEETS ALL APPLICABLE QUALIFICATIONS OF THE DOD RRRP PROGRAM AND IS NOT STRATEGIC LIST OR MUNITIONS LIST ITEMS REQUIRING DEMIL

Container # 2

NO.	Description/NIIN	Quantity	Type of Treatment*
1	MK 82 Bomb (Concrete Filled)	1 ea	Explosively Vented
2	NOTHING FOLLOWS		
3			
4			
5			
6			
7			
8			
9			
10			

* If applicable

"This certifies that the material potentially presenting an explosive hazard listed has been 100 percent properly inspected and to the best of our knowledge and belief, is inert and/or free of explosives or related materials"

CERTIFIER PRINTED NAME Syd Rodgers

SIGNATURE _____ DATE 9/29/10

POSITION Senior UXO Supervisor

ORGANIZATION NAME Tetra Tech NUS

ORGANIZATION ADDRESS 2171 West Park Court, Stone Mountain, GA, 30087

ORGANIZATION PHONE NUMBER (770) 413-0965

VERIFIER PRINTED NAME Glen Childers

SIGNATURE _____ DATE 9/29/10

POSITION QC/Safety Officer

ORGANIZATION NAME Tetra Tech NUS

ORGANIZATION ADDRESS 2171 West Park Court, Stone Mountain, GA, 30087

ORGANIZATION PHONE NUMBER (770) 413-0965

DOC IDENT	RI FROM	M & S	UI	QUANTITY	SER	SUPPLEMENTARY ADDRESS	SIG	FUND	DISTRIBUTION	PROJECT	PRI	RDD EEA QLTY DE	ADV
			EA	1									

1. TOTAL PRICE	2. SHIP FROM	SHIP TO
UNIT PRICE DOLLARS CTS	NAS Brunswick	Demil Metals
DOLLARS CTS		
	4. MARK FOR	

24. DOCUMENT NUMBER & SUFFIX (30-44)

MDAS Form 3

25. NATIONAL STOCK NUMBER & ADD (8-22)

26

SN#

P/N:

27. ADDITIONAL DATA

Attached MDAS Additional Form for Container 3 inspected and certified

5. DOCDATE	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. TYCONT	19. NO CONT	20. TOTAL WEIGHT	21. TOTAL CUBE

22. RECEIVED BY	23. DATE RECEIVED

I CERTIFY THAT THIS MATERIAL MEETS ALL APPLICABLE QUALIFICATIONS OF THE DOD RRRP PROGRAM AND IS NOT STRATEGIC LIST OR MUNITIONS LIST ITEMS REQUIRING DEMIL

Container # 3

NO.	Description/NIIN	Quantity	Type of Treatment*
1	MK 34 Torpedo	1 ea	(None) MDAS
2	NOTHING FOLLOWS		
3			
4			
5			
6			
7			
8			
9			
10			

* If applicable

"This certifies that the material potentially presenting an explosive hazard listed has been 100 percent properly inspected and to the best of our knowledge and belief, is inert and/or free of explosives or related materials"

CERTIFIER PRINTED NAME Syd Rodgers

SIGNATURE _____ DATE 9/29/10

POSITION Senior UXO Supervisor

ORGANIZATION NAME Tetra Tech NUS

ORGANIZATION ADDRESS 2171 West Park Court, Stone Mountain, GA, 30087

ORGANIZATION PHONE NUMBER (770) 413-0965

VERIFIER PRINTED NAME Glen Childers

SIGNATURE _____ DATE 9/29/10

POSITION QC/Safety Officer

ORGANIZATION NAME Tetra Tech NUS

ORGANIZATION ADDRESS 2171 West Park Court, Stone Mountain, GA, 30087

ORGANIZATION PHONE NUMBER (770) 413-0965

DOC IDENT	RI FROM	M & S	UI	QUANTITY	SER	SUPPLEMENTARY ADDRESS	SIG	FUND	DISTRIBUTION	PROJECT	PRI	RDD EEA QLTY DE	ADV
			EA	1									

1. TOTAL PRICE	2. SHIP FROM	SHIP TO
UNIT PRICE / DOLLARS CTS	NAS Brunswick	Demil Metals
DOLLARS CTS		—
	4. MARK FOR	

24. DOCUMENT NUMBER & SUFFIX (30-44)

MDAS Form 4

25. NATIONAL STOCK NUMBER & ADD (6-22)

26

SN#

P/N:

27. ADDITIONAL DATA

Attached MDAS Additional Form for Container 4 inspected and certified

5. DOCDATE	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. TYCONT	19. NO CONT	20. TOTAL WEIGHT	21. TOTAL CUBE

22. RECEIVED BY	23. DATE RECEIVED

I CERTIFY THAT THIS MATERIAL MEETS ALL APPLICABLE QUALIFICATIONS OF THE DOD RRRP PROGRAM AND IS NOT STRATEGIC LIST OR MUNITIONS LIST ITEMS REQUIRING DEMIL

Container # 4

NO.	Description/NIIN	Quantity	Type of Treatment*
1	MK 34 Torpedo (Fin Assembly)	1 ea	(None) MDAS
2	NOTHING FOLLOWS		
3			
4			
5			
6			
7			
8			
9			
10			

* If applicable

"This certifies that the material potentially presenting an explosive hazard listed has been 100 percent properly inspected and to the best of our knowledge and belief, is inert and/or free of explosives or related materials"

CERTIFIER PRINTED NAME Syd Rodgers

SIGNATURE _____ DATE 9/29/10

POSITION Senior UXO Supervisor

ORGANIZATION NAME Tetra Tech NUS

ORGANIZATION ADDRESS 2171 West Park Court, Stone Mountain, GA, 30087

ORGANIZATION PHONE NUMBER (770) 413-0965

VERIFIER PRINTED NAME Glen Childers

SIGNATURE _____ DATE 9/29/10

POSITION QC/Safety Officer

ORGANIZATION NAME Tetra Tech NUS

ORGANIZATION ADDRESS 2171 West Park Court, Stone Mountain, GA, 30087

ORGANIZATION PHONE NUMBER (770) 413-0965