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FINAL CONSTRUCTION COMPLETION REPORT FOR SITE 30 FORMER GALVANIZING TANK VAULT NSY PORTSMOUTH ME

11/1/2013

CB&I

Final Construction Completion Report
Site 30, Former Galvanizing Tank Vault
Portsmouth Naval Shipyard
Kittery, Maine

Prepared for: Department of the Navy
Naval Facilities Engineering Command Mid-Atlantic
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CONSTRUCTION COMPLETION REPORT

Site 30, Former Galvanizing Tank Vault
Portsmouth Naval Shipyard
Kittery, Maine

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CONSTRUCTION COMPLETION REPORT

SITE 30, FORMER GALVANIZING TANK VAULT
PORTSMOUTH NAVAL SHIPYARD
KITTERY, MAINE

ISSUE AND REVISION SUMMARY PAGE

REVISION	DATE	DESCRIPTION OF ISSUE OR REVISION
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01	6/05/2013	Draft Construction Completion Report Issue
02	11/2013	Final Construction Completion Report Issue

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LIST OF ACRONYMS AND ABBREVIATIONS

AHERA	Asbestos Hazard Emergency Response Act
CCR	Construction Completion Report
CTO	Contract Task Order
DEP	Department of Environmental Protection
DoD	Department of Defense
DRMO	Defense Reutilization Marketing Office
DRO	Diesel Range Organics
GRO	Gasoline Range Organics
NAVFAC	Naval Facilities Engineering Command
Navy	Department of the Navy
NESHAP	National Emissions Standards for Hazardous Air Pollutants
NFA	No Further Action
NIOSH	National Institute of Occupational Safety and Health
OSHA	Occupational Safety and Health Act
PCBs	Polychlorinated Biphenyls
PCM	Phase Contrast Microscopy
PNS	Portsmouth Naval Shipyard
PWD	Public Works Department
QAPP	Quality Assurance Project Plan
RAB	Restoration Advisory Board
RAO	Remedial Action Objective
RAWP	Removal Action Work Plan
RCI	Reactivity, Corrosivity and Ignitability
RPM	Remedial Project Manager
Shaw	Shaw Environmental and Infrastructure, Inc. (A CB&I Company)
SOW	Scope of Work
T&D	Transportation and Disposal
TCLP	Toxicity Characteristic Leaching Procedure
TPH	Total Petroleum Hydrocarbons
USEPA	United States Environmental Protection Agency

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1.0 OVERVIEW

Shaw Environmental and Infrastructure, Inc. (Shaw) a CB&I Company was contracted by the Department of the Navy (Navy), Naval Facilities Engineering Command (NAVFAC) Atlantic under Remedial Action Contract N62470-08-D-1007, Contract Task Order (CTO) WE21 to perform a Non-Time Critical Removal Action at Site 30, Portsmouth Naval Shipyard (PNS), located in Kittery, Maine. Shaw has prepared this Construction Completion Report (CCR) in accordance with the Scope of Work for CTO WE21 (Dated July 27, 2011), and Department of Defense (DoD)/United States Environmental Protection Agency (USEPA) Joint Guidance on Streamlined Site Closeout and National Priorities List Deletion Process For DoD Facilities. **Appendix A** includes comments received and the responses to those comments.

1.1 PROJECT LOCATION

The PNS is an active military facility with restricted access on an island located within the Piscataqua River, referred to on nautical maps as Seavey Island. The Piscataqua River is a tidal estuary that forms the southern boundary between Maine and New Hampshire. PNS is located within the State of Maine, north of Portsmouth, New Hampshire, in the area commonly referred to as Portsmouth Harbor, as depicted within **Figure 1**. The location of Site 30 and Building 184 at PNS are shown on **Figure 1.**

1.2 PROJECT BACKGROUND

PNS is currently engaged in the conversion, overhaul and repair of submarines for the United States Navy. Building 184 was constructed in 1943 as a galvanizing plant to accommodate the shipyard's increased production schedule in support of the World War II war effort. Specific equipment requirements included in the galvanizing area were:

- a pit for a galvanizing furnace,
- a zinc kettle,
- a water tank, and
- a pit for a centrifugal machine.

The tank vault within Building 184 was constructed at the approximate center of the building, along the eastern wall. The eastern wall of the tank vault was constructed against the exterior wall of the building. The tank vault, measuring approximately 52 feet long by 35 feet wide by approximately 4 feet deep, was constructed as a concrete vault lined with acid-proof bricks set in acid-proof cement. The bottom of the tank vault was sloped to a drain at the center of the western side of the vault. The original drain was plumbed to the Shipyard's sanitary sewer system on the western side of the building. The tank vault originally contained pickling tanks including a flux

tank, a water tank, an acid tank, and a caustic tank. These tanks were used to remove oxide scale from metal surfaces by immersion in a diluted acid bath to obtain a chemically clean surface in preparation for plating and galvanizing.

In 1946, Building 184 was converted from a galvanizing plant to the shipyard's electrical testing laboratory. The tank vault was partially filled with gravel, and the drain was covered with a piece of wood and burlap. Four cement foundations were laid over the tank vault to support large shock-testing and vibration-testing machines. The conditions of the tank vault and tank at the time of covering are unknown. Molds and dies were also stored in this area at the time. Sometime between 1954 and 1956, the building was converted into a Clean Room Facility and used for cleaning and assembling metal parts. The pickling tanks were uncovered, and agitation pumps and heating coils were installed to be used for metal parts assembly. The tanks were filled with various chemicals, including large amounts of sulfuric acid, tri-sodium phosphate, alcohol, and acetone. The acid tank was periodically used for cleaning carbon steel piping.

In the early 1960s, the building was converted into a welding school, and a flame-spray galvanizing system was installed in the building. The tank vault was again covered over to accommodate the installation of electric welding machines and booths. The conditions of the tank vault and tank at the time of covering are unknown. Between 1973 and 1975, the building was renovated and an office was constructed over the tank vault area. In 1982, an aluminum louver was installed along with 440 volt electrical service. The welding school has since relocated, and the building is currently vacant.

2.0 REMEDIAL ACTION OBJECTIVES

The Remedial Action Objective (RAO) of the removal action for Site 30 was to mitigate human health and environmental risks associated with the tank vault in a manner such that the property can be used for unrestricted use/unlimited exposure. In order to achieve the RAO, a proposed action description was developed within an Action Memorandum signed by the Navy in December of 2010 (Navy, 2010).

As specified in the Removal Action Work Plan (Shaw, 2011) (RAWP), the original Scope of Work (SOW) for the removal action consisted of the following activities:

- Mobilization and Site Preparation:
- Concrete Slab Removal;
- Water Removal (if necessary);
- Excavation;
- Tank Vault Brick Liner Removal;
- Tank Vault Concrete Liner Inspection, Wall Washing, and Removal;
- Characterization Sampling;
- Confirmatory Sampling;
- Backfill;
- Transportation and Disposal (T&D); and
- Restoration.

After excavation activities were completed it was noted that the tank vault was intact. A modification to the SOW was made and some features originally listed in the RAWP were determined not to be necessary. A detailed description of the determination is provided in **Section 4.0** below. Work completed at Site 30 included the following project activities:

- Mobilization and Site Preparation:
- Concrete Slab Removal;
- Excavation;
- Water Removal;
- Characterization Sampling;
- Backfill;
- T&D; and
- Restoration.

Detailed descriptions of each of these activities are provided in **Section 3.0**.

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3.0 REMOVAL ACTIONS

This section details the project activities that occurred to satisfy the RAO and complete the Removal Action at Site 30. **Appendix B** contains the final schedule of activities at Site 30. **Appendix C** contains photographic documentation of the Removal Actions described herein. **Table 1** presents the definable features of work for the project and dates of the initial phase and completion dates.

3.1 PRE-MOBILIZATION ACTIVITIES

Pre-mobilization activities included the submittal of a RAWP and coordination of a pre-construction meeting. Prior to mobilization, Shaw submitted a RAWP and supporting documentation to the Navy, and to the regulatory agencies on behalf of the Navy, for review. A review of operational procedures and establishment of appropriate lines of communication between Shaw, the Navy Remedial Project Manager, and NAVFAC personnel was conducted August 30, 2012.

3.2 MOBILIZATION AND SITE PREPARATION

Shaw mobilized personnel and equipment to Site 30 on September 6, 2011. Rental equipment was mobilized from local vendors based upon the lowest qualified bidder. A list of equipment that was on site can be found on the Contractor Production Reports included in **Appendix D**. A project support area was established at Building 184, located in a pre-existing office. Site preparation activities were performed prior to the excavation at the site. These included:

- Submittal of a parking lot outage to the Navy for the proposed footprint of Site 30 and establishing a temporary fence around the footprint of the site **(Figure 2)**;
- Asbestos abatement performed in office over excavation area;
- Removal of office/welding booths located over the excavation area;
- Establishment of stockpile/load-out area located at the Defense Reutilization Marketing Office (DRMO); and
- Performing a utility location before intrusive activities.

3.2.1 Parking Lot Outage

Site 30 is located directly off of Winston Street, a main road on-board PNS. Access to Site 30 was gained using pre-existing roads. The footprint of the construction site was located directly outside Building 184 adjacent to Winston Street. The figure submitted to the Navy for approval of the outage can be seen in **Figure 2**. After Navy approval of the outage, temporary fence was placed around the footprint of Site 30 as shown in **Figure 2**. The exclusion zone for Site 30 was the temporary fence and Building 184 itself. The Shaw Site Superintendent and Site Safety

Officer monitored and controlled the exclusion area access. Activities within the exclusion zone conformed to the approved Accident Prevention Plan. Road plates were placed over the steam trench/ sidewalk at Site 30 for vehicles crossing into the site.

3.2.2 Asbestos Abatement

Mill City Environmental removed approximately 600 square feet of asbestos-containing floor tile from inside the temporary office in Building 184. All notifications, materials, and equipment, including third-party Phase Contrast Microscopy (PCM) air clearance monitoring, was in accordance with National Emissions Standards for Hazardous Air Pollutants (NESHAP). The removal work was conducted according to Occupational Safety and Health Act (OSHA) and the Asbestos Hazard Emergency Response Act (AHERA) standards for training requirements, PCM clearance, documentation, and worker protection. The asbestos and all associated waste was disposed of at a permitted, Navy-approved, off-site asbestos waste disposal facility.

Shaw provided, via subcontractor, a 3rd party air monitor. The air monitor was responsible for PCM air clearance monitoring including establishing a pre-abatement baseline and post abatement measurements to ensure the air was clear of asbestos. The 3rd party air monitor was trained in National Institute of Occupational Safety and Health (NIOSH) 582E and was Asbestos Contractor Supervisor Trained. The air monitor was present during all abatement activities to perform both electronic and visual surveys of the environment to protect worker safety and to ensure that all proper OSHA, NIOSH, NESHAP, and AHERA policies and procedures were followed. Documentation regarding the asbestos abatement can be found in **Appendix E**

3.2.3 Removal of Office/Welding Booths

Located over the concrete pad to be removed were a small office, welding booths, and a small bathroom. The removal of this material by Shaw was not included in the original SOW. A contract modification was approved by the Remedial Project Manager (RPM) for Shaw to remove the material over the concrete pad. Yates Electrical was subcontracted by Shaw and isolated all electrical systems in Building 184 before any demolition work proceeded. The office and bathroom were demolished by Shaw using power hand tools, and the debris was placed in 30 cubic yard roll-offs. Three roll-offs totaling approximately 90 cubic yards of construction debris were disposed of during activities at Site 30.

Housed above the welding booths were fluorescent lighting fixtures. The fluorescent lights and the ballasts were packaged and transported to PNS Hazardous Waste Facility, Building 357 for disposal by the Navy. The welding booths were removed using a CASE CX50 hydraulic compact excavator and transported to the DRMO for staging using a Caterpillar 560G loader. Steel removed from the welding booths was placed in a 60 cubic yard steel recycling roll-off. Approximately 60 cubic yards of metal was returned to the Navy for recycling.

At all times during the removal of the welding booths and office, air monitoring was conducted inside Building 184. Large industrial fans were staged at strategic points to create an air current to exchange the air inside of the building throughout the activities at Site 30.

3.2.4 Stockpile/Load-out Area

A soil stockpile and load-out area was required to stage the excavated materials for transportation and disposal. Four cells were constructed at the DRMO using concrete barriers. The cells were lined with 8 mil poly sheeting and a layer of 8 ounce non-woven geotextile. The poly sheeting and non-woven geotextile was placed so that material was not permitted to migrate from the constructed cell. The DRMO is covered in asphalt pavement and surrounded by a chain link fence to prevent access to the area. All debris in each cell was covered when not in use to prevent off-site migration.

3.2.5 Utility Location

After removal of the office and welding booths as described in **Section 3.2.3,** Shaw contacted Hager-Richter Environmental to perform a utility location under the concrete pad to be removed. Hager-Richter Environmental was on site September 19, 2011. No intrusive activities were performed to the concrete pad at Building 184 prior to the utility location.

3.3 CONCRETE SLAB REMOVAL

Once the concrete pad was cleared of all debris and a utility location was performed, Shaw began the removal of the concrete pad. To prepare the pad for demolition, relief cuts were made using a walk behind concrete saw, this enables Shaw to remove the pad without affecting the surrounding building features. After the relief cuts were made, a skid steer with a hydraulic breaking hammer attachment was used to break up the concrete pad into manageable pieces. A compact excavator was then used to place the concrete into a loader for transportation to the DRMO. Approximately 45 cubic yards of concrete and welded wire fabric were removed and transported to the DRMO.

A steam trench crossing the concrete pad was removed with the concrete pad. The steam line in the trench supplied a small heater in the office that was removed. Prior to removal, the steam line was isolated and tagged out. The location of the abandoned steam line can be seen in the as-built drawings provided in **Figure 3**.

The concrete was staged in a cell at the DRMO for sampling, transportation, and disposal. One waste characterization sample was taken from the concrete staged at the DRMO. A detailed description of the sampling can be found in **Section 3.8**. Information on the T&D of the concrete can be found in **Section 3.10**. Air monitoring was performed during all activities inside Building 184.

3.4 EXCAVATION

After the removal of the concrete pad over the tank vault, Shaw began the excavation of the soil. The compact excavator was used to remove the soil from the tank vault. The soil was staged inside Building 184. The skid steer with a bucket attachment was used to place the soil in the loader for transportation to the DRMO. The loader bucket was positioned inside Building 184's bay door during the loading of soil to prevent contamination outside the building. The loader bucket was then covered with geotextile to prevent cross-contamination during the transportation to the DRMO. The soil was staged in two separate 100 cubic yard cells. The soil that was initially excavated immediately under the concrete slab showed signs of discoloration and was stockpiled in the first cell. After being sampled and characterized as non-hazardous, this soil was comingled with the soil in the other cell for disposal. Two waste characterization samples were taken in compliance with the Site 30 Quality Assurance Project Plan (QAPP). Detailed descriptions of the sampling can be found in **Section 3.8**. Air monitoring was performed during activities inside Building 184.

Once the excavation was complete, an inspection of the vault showed that there were no signs of cracking or any disturbances to the vault. Maine Department of Environmental Protection (DEP), Public Works Department (PWD), Cultural Resources, Tetra Tech, and the Navy RPM were on site on October 5, 2011 to inspect the tank vault. Tetra Tech submitted a technical memorandum (**Appendix F**) to the Navy recommending that the tank vault not be removed. After a risk evaluation it was determined that the risks associated with removing the vault were higher than that of leaving the vault in place. Shaw issued a variance request (**Appendix D**) to reduce the SOW and stated the tank vault would remain in place. Photographs of the tank vault can be seen in **Appendix C**.

Shaw removed the top course of bricks from the vault liner and loose bricks in the excavation and staged them in a cell at the DRMO. One sample of the bricks was taken for waste characterization. A detailed description of the sample can be found in **Section 3.8**. The walls of the bricks were cleaned with brushes and water. The wash water was comingled with water already inside the vault.

3.5 WATER REMOVAL

Water was found in the tank vault during excavation. Approximately one to two inches of stagnant water existed in the bottom of the tank vault after excavation was complete. Shaw washed the walls of the tank vault using brushes and water. The wash water was comingled with the pre-existing stagnant water in the excavation. The comingled water was removed using a pump and placed in drums for disposal. Twelve drums, totaling approximately 660 gallons of water, were removed. Personnel from Building 357 removed the drums from Site 30 and transported them to their building for disposal.

3.6 TANK WASHING

Once the excavation activities were completed, the tank vault walls and floor were washed to remove any remaining soils. The walls were washed using a base provided source of water and a low pressure sprayer attached to a garden hose. As the water was applied to the surface, medium bristle brooms were utilized to scrub the tank vault surface to remove any soils remaining. Once all soil was removed the surface water was allowed to evaporate with the aid of large air movers. The water utilized during the cleaning was removed utilizing a submersible pump and turned over to the PNS Hazardous Waste Division to disposal. No further data is available on the water.

3.7 HISTORICAL RECORDATION

Once the tank vault was washed and any residual soil removed, a historical photographer with experience in historical recordation was mobilized to the site. The historical photographer, Robert Toucher documented the tank in its present condition capturing both digital and analog photographs. The analog photographs were taken per the Historical American Buildings Survey standards as well as the National Historic Photo guidelines. These standards were prescribed by the Maine State Historical Preservation Office. The photographs will be presented to the Navy as **Appendix G** to be utilized in a larger report on the entire Building 184 site.

3.8 CHARACTERIZATION SAMPLING

A total of four waste disposal characterization samples were collected. The first two samples (139799-WASTE-S-001 and 139799-WASTE-C-001) were collected on September 30, 2011 in accordance with the Site 30 QAPP. These two samples were analyzed for Toxicity Characteristic Leaching Procedure (TCLP); Reactivity, Corrosivity, and Ignitability (RCI); total Polychlorinated Biphenyls (PCBs); and Total Petroleum Hydrocarbons (TPH)-Diesel Range Organics (DRO) and TPH-Gasoline Range Organics (GRO). 139799-WASTE-S-001 was a sample of the first 100 cubic yards of soil removed from Site 30. 139799-WASTE-C-001 was a sample of the concrete pad over the tank vault. Analytical data was sent to the contracted T&D coordinator for review. The results of these analyses can be found in **Table 2**.

On October 11, 2011 two additional samples were taken. These samples (139799-WASTE-S-002 and 139799-WASTE-C-002) were analyzed for TCLP, RCI, total PCBs, and TPH-DRO and TPH-GRO. 139799-WASTE-S-002 was a sample of the second 100 cubic yards of soil removed from Site 30. 139799-WASTE-C-002 was a sample of the bricks removed from the tank vault. This data was provided to the T&D coordinator for review. The results of these analyses can be found in **Table 3**.

A total of four (five-point composite) waste disposal characterization samples were collected from Site 30 for waste disposal determination; analytical results indicated that material was non-hazardous and was accepted by the proposed disposal facilities. A description of the disposal

facilities and the amounts disposed of can be seen in **Section 3.10**. All sampling logs, chains of custody, and full analytical reports are located within **Appendix H.**

There were no confirmation samples taken at Site 30 due to the reduction in the SOW as described in **Section 4.0**.

3.9 BACKFILL

The excavation was backfilled with a virgin, quarry produced crushed stone. Granite aggregate and surge stone measuring 1½ inches and less, was used to backfill the vault. After the use of the 1½ inch stone, a ¾ inch minus aggregate was placed in 6 inch lifts and a remote one-ton roller compactor was used after each lift. The stone was placed to 6 inches from finished floor level. A vibrating plate tamper was used on the final lift of stone. A minimum compaction of 95 percent was achieved. No sampling was required of the imported stone, as it was free of any clay, loam, or other deleterious materials,

3.10 TRANSPORTATION AND DISPOSAL

Excavated material was temporarily placed in the stockpile area located at the DRMO and covered pending determination of a suitable disposal facility. This stockpile area was constructed as described in **Section 3.2.4**. Approximately 279 tons of excavated soil was loaded into haul trucks, transported to and disposed of as beneficial re-use cover material, at News of Worcester Landfill located in Worcester, Massachusetts. The brick and concrete staged at the DRMO were co-mingled for disposal. Approximately 80 tons of concrete and brick were loaded into haul trucks, transported to and disposed of at Aggregate Recycling Corp. located in Eliot, Maine. A T&D log can be seen in **Table 4**. Disposal documentation is located in **Appendix I.**

3.11 RESTORATION

Site 30 was restored to its original floor grade by the pouring of a new concrete pad. HL Patten construction was subcontracted by Shaw to pour the floor slab. Saw cutting was performed around the existing concrete pad to provide a clean edge. 6 inch by 6 inch welded wire fabric was used as reinforcement. The concrete was designed to a minimum 4000 pounds per square inch mix after a 28 day curing time. A mix design was submitted to the Navy and can be seen in **Appendix J**. A pump truck was used to place the concrete inside Building 184. A third party, SW Cole, performed testing on the concrete. Testing consisted of one slump test per truck, one air entrainment test per truck, one temperature test per truck, and four cylinders per truck. Four trucks delivered 44 tons of concrete. All concrete was delivered and poured within 90 minutes of the batch time. Testing information and batch tickets can be seen in **Appendix J**. The pad was poured to 6 inches and a thickened edge was placed around the exterior of the slab to 8 inches. Styrofoam board and self leveling sealant were placed as an expansion joint between the new and existing pad. Control joints were cut into the new pad at a depth of one inch. An as-built of

the pad is shown in **Figure 3**. After the placement of the concrete pad, all construction equipment and materials were removed from Site 30. A site cleanup was performed and Shaw demobilized from the site. Building 184 was secured and the keys were transferred to the Navy.

3.12 CRYSTALLINE GROWTH INVESTIGATION

Several months after the interim removal action had completed, crystalline growth began to reform at the base of the building columns, along the eastern wall. Upon discovery, Shaw was tasked with investigating the composition and potential source of the crystalline growth.

On April 4, 2012 10 samples were collected from various areas of Building 184. The sample locations were chosen based on their representation of the growth as a whole as well as their differentiating visual characteristics. Samples of the crystalline material and efflorescence from the brick, mortar, and concrete columns were collected either by scraping the material from the surface or drilling. Based on the range of characteristics present in the samples, three samples were chosen for submittal to Microtrace laboratories in Elgin, Illinois. Additional samples were collected, however these samples were held pending initial analysis of the primary samples, and later discarded.

Upon initial discovery of the crystalline growth, it was noted that all growth was confined to the interior of Building 184, at or above floor level, and primarily occurred on concrete surfaces. During the excavation of the tank vault, no crystalline growth, efflorescent staining or other visual indications of growth were noted below the floor level. All crystalline growth previously and continues to occur above grade, emanating from the concrete columns or brick wall structures.

Based on the findings of the investigation, a potential source and causation of the crystalline growth and efflorescence/corrosion is not evident, however based on the analysis it can be inferred that the tank vault is not the primary source of the growth formations.

A Technical Memorandum was submitted on February 27, 2013 detailing the crystalline growth investigation and is included in **Appendix K**.

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4.0 DEMONSTRATION OF COMPLETION

No confirmation sampling was performed at Site 30. After excavation was completed an inspection of the tank vault was conducted by Maine DEP, PWD, Cultural Resources, Tetra Tech, and the Navy RPM. After the inspection it was determined that the tank vault was to be left in place and backfilled and restored to finished floor grade. Tetra Tech submitted a technical memorandum to the Navy recommending that the tank vault not be removed. After acceptance of the memorandum, Shaw submitted a Variance Request to the Navy to reduce the SOW. After Navy approval, Shaw began to backfill with the tank vault in place and intact. The technical memorandum can be found in **Appendix F** and the Variance Request can be found in **Appendix D**.

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5.0 ONGOING ACTIVITIES

No further construction activities are considered at this time. Navy is in the process of preparing a No Further Action (NFA) decision on the Site.

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6.0 COMMUNITY RELATIONS

Quarterly Restoration Advisory Board (RAB) meetings are held at PNS to discuss project progress. These meetings are open to the public, and project statuses and updates are given to the community.

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7.0 CERTIFICATION STATEMENT

On behalf of the United States Department of the Navy, I certify that this document memorializes the completion of the RAO identified in the Final Action Memorandum for Site 30, Former Galvanizing Tank Vault.

_____ _____

Mr. Bryan Peed Date
Remedial Project Manager
Naval Facilities Engineering Command, Atlantic

_____ _____

Mr. Matthew Thyng Date
Installation Restoration Program Manager
Portsmouth Naval Shipyard

Based on the information included in this Construction Completion Report for Site 30 Former Galvanizing Tank Vault, USEPA concurs that this document memorializes the remedial action completion.

_____ _____

Mr. Matthew Audet Date
Remedial Project Manager
United States Environmental Protection Agency

Based on the information included in this Construction Completion Report for Site 30 Former Galvanizing Tank Vault, the State of Maine concurs that this document memorializes the remedial action completion.

_____ _____

Mr. Iver McLeod Date
Remedial Project Manager
Maine Department of Environment Protection

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8.0 REFERENCES

Shaw Environmental and Infrastructure, Inc. (Shaw), 2011. *Final Work Plan, Interim Removal Action Site 30, Former Galvanizing Tank Vault, Portsmouth Naval Shipyard, Kittery, Maine.* July.

TtNUS (Tetra Tech NUS, Inc), 2010. *Engineering Evaluation/Cost Analysis (EE/CA) Site 30, Portsmouth Naval Shipyard, Kittery, Maine.* October.

United States Navy (US Navy) 2010, *Action Memorandum Non-Time-Critical Removal Action Site 30, Portsmouth Naval Shipyard, Kittery Maine.* December.

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TABLES

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TABLE 1
DEFINABLE FEATURES OF WORK

WORK PLAN SECTION	DEFINABLE FEATURE OF WORK ACTIVITY	INITIAL PHASE DATE	ACTIVITY COMPLETION DATE
WP 3.2	Mobilization and Site Preparation	9/7/2011	9/12/2011
WP 3.4.2	Welding Booth/ Bathroom Demolition	9/12/2011	9/19/2011
WP 3.4.3	Tank Lid Removal	9/20/2011	9/27/2011
WP 3.6	Excavation	9/27/2011	10/4/2011
WP 3.7	Archeological Recordation	10/5/2011	10/5/2011
WP 3.12.1	Backfilling and Site Restoration Backfilling and compaction	10/25/2011	11/1/2011
WP 3.12.2	Backfilling and Site Restoration Slab Restoration	11/10/2011	11/17/2011
WP 3.11	Transportation and Disposal	11/3/2011	11/4/2011
WP 3.6	Demobilization	11/18/2011	11/18/2011

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TABLE 2

WASTE CHARACTERIZATION RESULTS 9/30/2011

LabLink Analytical Data Report
Kittery Maine Site 30 Disposal Samples 139799
Including: TCLP Maximum Contaminant Concentrations (40 CFR 261 6/96)

Client ID	Parameter	Method	Result	Qual	Units	TCLP Limit	Collected
139799-WASTE-S-001	TPH-DRO	SW846-8015	21		mg/kg	-----	9/30/2011
139799-WASTE-S-001	Aroclor 1016	SW846 8082	35	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Aroclor 1221	SW846 8082	35	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Aroclor 1232	SW846 8082	35	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Aroclor 1242	SW846 8082	7.1	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Aroclor 1248	SW846 8082	7.0	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Aroclor 1254	SW846 8082	35	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Aroclor 1260	SW846 8082	7.0	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	TPH-GRO	SW846 8015	1.7	U	mg/kg	-----	9/30/2011
139799-WASTE-S-001	Corrosivity as pH	SW846 CHAP7	7.3			-----	9/30/2011
139799-WASTE-S-001	Ignitability (Flashpoint)	SW846 1020	>230	>	Deg. F	-----	9/30/2011
139799-WASTE-S-001	Cyanide Reactivity	SW846 CHAP7	1.6	U	mg/kg	-----	9/30/2011
139799-WASTE-S-001	Sulfide Reactivity	SW846 CHAP7	54	U	mg/kg	-----	9/30/2011
139799-WASTE-S-001	Solids, Percent	SM21 2540 B MOD.	92.8		%	-----	9/30/2011
139799-WASTE-S-001	Arsenic	SW846 6010C	17.7		mg/kg	-----	9/30/2011
139799-WASTE-S-001	Cadmium	SW846 6010C	0.12	J	mg/kg	-----	9/30/2011
139799-WASTE-S-001	Chromium	SW846 6010C	25.1		mg/kg	-----	9/30/2011
139799-WASTE-S-001	Lead	SW846 6010C	8.3		mg/kg	-----	9/30/2011
139799-WASTE-S-001	Mercury	SW846 7471B	0.012	U	mg/kg	-----	9/30/2011
139799-WASTE-S-001	2-Chlorophenol	SW846 8270C	14	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	4-Chloro-3-methyl phenol	SW846 8270C	18	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	2,4-Dichlorophenol	SW846 8270C	31	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	2,4-Dimethylphenol	SW846 8270C	52	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	2,4-Dinitrophenol	SW846 8270C	260	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	4,6-Dinitro-o-cresol	SW846 8270C	260	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	2-Methylphenol	SW846 8270C	15	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	3&4-Methylphenol	SW846 8270C	28	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	2-Nitrophenol	SW846 8270C	31	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	4-Nitrophenol	SW846 8270C	260	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Pentachlorophenol	SW846 8270C	49	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Phenol	SW846 8270C	44	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	2,4,5-Trichlorophenol	SW846 8270C	39	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	2,4,6-Trichlorophenol	SW846 8270C	36	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Acenaphthene	SW846 8270C	22	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Acenaphthylene	SW846 8270C	20	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Anthracene	SW846 8270C	21	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Benzo(a)anthracene	SW846 8270C	9.6	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Benzo(a)pyrene	SW846 8270C	16	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Benzo(b)fluoranthene	SW846 8270C	31	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Benzo(g,h,i)perylene	SW846 8270C	17	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Benzo(k)fluoranthene	SW846 8270C	7.8	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	4-Bromophenyl phenyl ether	SW846 8270C	21	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Butyl benzyl phthalate	SW846 8270C	25.4	J	ug/kg	-----	9/30/2011
139799-WASTE-S-001	2-Chloronaphthalene	SW846 8270C	22	U	ug/kg	-----	9/30/2011

Client ID	Parameter	Method	Result	Qual	Units	TCLP Limit	Collected
139799-WASTE-S-001	4-Chloroaniline	SW846 8270C	130	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Carbazole	SW846 8270C	21	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Chrysene	SW846 8270C	8.5	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	bis(2-Chloroethoxy)methane	SW846 8270C	20	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	bis(2-Chloroethyl)ether	SW846 8270C	5.6	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	bis(2-Chloroisopropyl)ether	SW846 8270C	25	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	4-Chlorophenyl phenyl ether	SW846 8270C	24	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	1,2-Dichlorobenzene	SW846 8270C	21	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	1,3-Dichlorobenzene	SW846 8270C	22	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	1,4-Dichlorobenzene	SW846 8270C	22	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	2,4-Dinitrotoluene	SW846 8270C	130	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	2,6-Dinitrotoluene	SW846 8270C	25	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	3,3'-Dichlorobenzidine	SW846 8270C	6.3	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Dibenzo(a,h)anthracene	SW846 8270C	17	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Dibenzofuran	SW846 8270C	22	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Di-n-butyl phthalate	SW846 8270C	24	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Di-n-octyl phthalate	SW846 8270C	14	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Diethyl phthalate	SW846 8270C	23	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Dimethyl phthalate	SW846 8270C	18	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	bis(2-Ethylhexyl)phthalate	SW846 8270C	187	J	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Fluoranthene	SW846 8270C	8.9	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Fluorene	SW846 8270C	5.8	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Hexachlorobenzene	SW846 8270C	23	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Hexachlorobutadiene	SW846 8270C	21	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Hexachlorocyclopentadiene	SW846 8270C	3.5	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Hexachloroethane	SW846 8270C	21	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Indeno(1,2,3-cd)pyrene	SW846 8270C	16	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Isophorone	SW846 8270C	26	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	2-Methylnaphthalene	SW846 8270C	22	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	2-Nitroaniline	SW846 8270C	130	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	3-Nitroaniline	SW846 8270C	130	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	4-Nitroaniline	SW846 8270C	19	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Naphthalene	SW846 8270C	6.1	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Nitrobenzene	SW846 8270C	7.8	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	N-Nitroso-di-n-propylamine	SW846 8270C	17	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	N-Nitrosodiphenylamine	SW846 8270C	14	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Phenanthrene	SW846 8270C	6.8	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Pyrene	SW846 8270C	8.4	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	1,2,4-Trichlorobenzene	SW846 8270C	23	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Acetone	SW846 8260B	28.3		ug/kg	-----	9/30/2011
139799-WASTE-S-001	Benzene	SW846 8260B	0.19	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Bromodichloromethane	SW846 8260B	0.38	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Bromoform	SW846 8260B	0.38	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Bromomethane	SW846 8260B	1.5	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	2-Butanone (MEK)	SW846 8260B	1.5	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Carbon disulfide	SW846 8260B	1.5	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Carbon tetrachloride	SW846 8260B	0.38	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Chlorobenzene	SW846 8260B	0.19	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Chloroethane	SW846 8260B	0.38	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Chloroform	SW846 8260B	0.38	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Chloromethane	SW846 8260B	1.5	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Dibromochloromethane	SW846 8260B	1.5	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	1,1-Dichloroethane	SW846 8260B	0.38	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	1,2-Dichloroethane	SW846 8260B	0.38	U	ug/kg	-----	9/30/2011

Client ID	Parameter	Method	Result	Qual	Units	TCLP Limit	Collected
139799-WASTE-S-001	1,1-Dichloroethene	SW846 8260B	0.38	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	cis-1,2-Dichloroethene	SW846 8260B	0.38	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	trans-1,2-Dichloroethene	SW846 8260B	0.38	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	1,2-Dichloropropane	SW846 8260B	0.38	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	cis-1,3-Dichloropropene	SW846 8260B	1.5	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	trans-1,3-Dichloropropene	SW846 8260B	1.5	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Ethylbenzene	SW846 8260B	0.38	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	2-Hexanone	SW846 8260B	3.8	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	4-Methyl-2-pentanone (MIBK)	SW846 8260B	1.5	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Methylene chloride	SW846 8260B	0.38	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Styrene	SW846 8260B	0.38	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	1,1,2,2-Tetrachloroethane	SW846 8260B	0.38	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Tetrachloroethene	SW846 8260B	0.38	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Toluene	SW846 8260B	0.38	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	1,1,1-Trichloroethane	SW846 8260B	0.38	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	1,1,2-Trichloroethane	SW846 8260B	0.38	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Trichloroethene	SW846 8260B	0.38	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Vinyl chloride	SW846 8260B	1.5	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	Xylene (total)	SW846 8260B	0.38	U	ug/kg	-----	9/30/2011
139799-WASTE-S-001	2,4-D	SW846 8151	0.0014	U	mg/l	10	9/30/2011
139799-WASTE-S-001	2,4,5-TP (Silvex)	SW846 8151	0.0013	U	mg/l	1.0	9/30/2011
139799-WASTE-S-001	gamma-BHC (Lindane)	SW846 8081	0.00025	U	mg/l	0.40	9/30/2011
139799-WASTE-S-001	Chlordane	SW846 8081	0.0050	U	mg/l	0.030	9/30/2011
139799-WASTE-S-001	Endrin	SW846 8081	0.00025	U	mg/l	0.020	9/30/2011
139799-WASTE-S-001	Heptachlor	SW846 8081	0.00025	U	mg/l	0.0080	9/30/2011
139799-WASTE-S-001	Heptachlor epoxide	SW846 8081	0.00025	U	mg/l	0.0080	9/30/2011
139799-WASTE-S-001	Methoxychlor	SW846 8081	0.00025	U	mg/l	10	9/30/2011
139799-WASTE-S-001	Toxaphene	SW846 8081	0.0025	U	mg/l	0.50	9/30/2011
139799-WASTE-S-001	Arsenic	SW846 6010C	0.0035	U	mg/l	5.0	9/30/2011
139799-WASTE-S-001	Barium	SW846 6010C	0.21	J,Q	mg/l	100	9/30/2011
139799-WASTE-S-001	Cadmium	SW846 6010C	0.0018	J	mg/l	1.0	9/30/2011
139799-WASTE-S-001	Chromium	SW846 6010C	0.0039	J	mg/l	5.0	9/30/2011
139799-WASTE-S-001	Lead	SW846 6010C	0.0035	U	mg/l	5.0	9/30/2011
139799-WASTE-S-001	Mercury	SW846 7470A	0.000058	U	mg/l	0.20	9/30/2011
139799-WASTE-S-001	Selenium	SW846 6010C	0.0035	U	mg/l	1.0	9/30/2011
139799-WASTE-S-001	Silver	SW846 6010C	0.0010	U	mg/l	5.0	9/30/2011
139799-WASTE-S-001	2-Methylphenol	SW846 8270C	0.020	U	mg/l	200	9/30/2011
139799-WASTE-S-001	3&4-Methylphenol	SW846 8270C	0.010	U	mg/l	200	9/30/2011
139799-WASTE-S-001	Pentachlorophenol	SW846 8270C	0.02	U	mg/l	100	9/30/2011
139799-WASTE-S-001	2,4,5-Trichlorophenol	SW846 8270C	0.0050	U	mg/l	400	9/30/2011
139799-WASTE-S-001	2,4,6-Trichlorophenol	SW846 8270C	0.0050	U	mg/l	2.0	9/30/2011
139799-WASTE-S-001	1,4-Dichlorobenzene	SW846 8270C	0.0050	U	mg/l	7.5	9/30/2011
139799-WASTE-S-001	2,4-Dinitrotoluene	SW846 8270C	0.020	U	mg/l	0.13	9/30/2011
139799-WASTE-S-001	Hexachlorobenzene	SW846 8270C	0.0050	U	mg/l	0.13	9/30/2011
139799-WASTE-S-001	Hexachlorobutadiene	SW846 8270C	0.0050	U	mg/l	0.50	9/30/2011
139799-WASTE-S-001	Hexachloroethane	SW846 8270C	0.020	U	mg/l	3.0	9/30/2011
139799-WASTE-S-001	Nitrobenzene	SW846 8270C	0.0050	U	mg/l	2.0	9/30/2011
139799-WASTE-S-001	Pyridine	SW846 8270C	0.050	U	mg/l	5.0	9/30/2011
139799-WASTE-S-001	Benzene	SW846 8260B	0.046	U	mg/l	0.50	9/30/2011
139799-WASTE-S-001	2-Butanone (MEK)	SW846 8260B	0.27	U	mg/l	200	9/30/2011
139799-WASTE-S-001	Carbon tetrachloride	SW846 8260B	0.058	U	mg/l	0.50	9/30/2011
139799-WASTE-S-001	Chlorobenzene	SW846 8260B	0.044	U	mg/l	100	9/30/2011
139799-WASTE-S-001	Chloroform	SW846 8260B	0.058	U	mg/l	6.0	9/30/2011
139799-WASTE-S-001	1,4-Dichlorobenzene	SW846 8260B	0.042	U	mg/l	7.5	9/30/2011

Client ID	Parameter	Method	Result	Qual	Units	TCLP Limit	Collected
139799-WASTE-S-001	1,2-Dichloroethane	SW846 8260B	0.044	U	mg/l	0.50	9/30/2011
139799-WASTE-S-001	1,1-Dichloroethene	SW846 8260B	0.080	U	mg/l	0.70	9/30/2011
139799-WASTE-S-001	Tetrachloroethene	SW846 8260B	0.036	U	mg/l	0.70	9/30/2011
139799-WASTE-S-001	Trichloroethene	SW846 8260B	0.075	U	mg/l	0.50	9/30/2011
139799-WASTE-S-001	Vinyl chloride	SW846 8260B	0.083	U	mg/l	0.20	9/30/2011
139799-WASTE-C-001	TPH-DRO	SW846-8015	18.8		mg/kg	-----	9/30/2011
139799-WASTE-C-001	Aroclor 1016	SW846 8082	36	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Aroclor 1221	SW846 8082	36	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Aroclor 1232	SW846 8082	36	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Aroclor 1242	SW846 8082	7.3	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Aroclor 1248	SW846 8082	7.2	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Aroclor 1254	SW846 8082	36	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Aroclor 1260	SW846 8082	7.2	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	TPH-GRO	SW846 8015	1.9	U	mg/kg	-----	9/30/2011
139799-WASTE-C-001	Corrosivity as pH	SW846 CHAP7	12			-----	9/30/2011
139799-WASTE-C-001	Sulfide Reactivity	SW846 CHAP7	54	U	mg/kg	-----	9/30/2011
139799-WASTE-C-001	Cyanide Reactivity	SW846 CHAP7	1.6	U	mg/kg	-----	9/30/2011
139799-WASTE-C-001	Ignitability (Flashpoint)	SW846 1020	>230	>	Deg. F	-----	9/30/2011
139799-WASTE-C-001	Solids, Percent	SM21 2540 B MOD.	91.1		%	-----	9/30/2011
139799-WASTE-C-001	Arsenic	SW846 6010C	15.5		mg/kg	-----	9/30/2011
139799-WASTE-C-001	Cadmium	SW846 6010C	0.055	U	mg/kg	-----	9/30/2011
139799-WASTE-C-001	Chromium	SW846 6010C	10		mg/kg	-----	9/30/2011
139799-WASTE-C-001	Lead	SW846 6010C	3.9		mg/kg	-----	9/30/2011
139799-WASTE-C-001	Mercury	SW846 7471B	0.012	U	mg/kg	-----	9/30/2011
139799-WASTE-C-001	2-Chlorophenol	SW846 8270C	14	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	4-Chloro-3-methyl phenol	SW846 8270C	18	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	2,4-Dichlorophenol	SW846 8270C	31	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	2,4-Dimethylphenol	SW846 8270C	53	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	2,4-Dinitrophenol	SW846 8270C	260	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	4,6-Dinitro-o-cresol	SW846 8270C	260	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	2-Methylphenol	SW846 8270C	15	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	3&4-Methylphenol	SW846 8270C	28	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	2-Nitrophenol	SW846 8270C	32	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	4-Nitrophenol	SW846 8270C	260	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Pentachlorophenol	SW846 8270C	49	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Phenol	SW846 8270C	44	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	2,4,5-Trichlorophenol	SW846 8270C	39	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	2,4,6-Trichlorophenol	SW846 8270C	36	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Acenaphthene	SW846 8270C	22	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Acenaphthylene	SW846 8270C	20	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Anthracene	SW846 8270C	21	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Benzo(a)anthracene	SW846 8270C	9.7	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Benzo(a)pyrene	SW846 8270C	16	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Benzo(b)fluoranthene	SW846 8270C	31	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Benzo(g,h,i)perylene	SW846 8270C	17	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Benzo(k)fluoranthene	SW846 8270C	7.8	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	4-Bromophenyl phenyl ether	SW846 8270C	22	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Butyl benzyl phthalate	SW846 8270C	11	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	2-Chloronaphthalene	SW846 8270C	22	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	4-Chloroaniline	SW846 8270C	130	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Carbazole	SW846 8270C	21	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Chrysene	SW846 8270C	8.6	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	bis(2-Chloroethoxy)methane	SW846 8270C	21	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	bis(2-Chloroethyl)ether	SW846 8270C	5.7	U	ug/kg	-----	9/30/2011

Client ID	Parameter	Method	Result	Qual	Units	TCLP Limit	Collected
139799-WASTE-C-001	bis(2-Chloroisopropyl)ether	SW846 8270C	25	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	4-Chlorophenyl phenyl ether	SW846 8270C	24	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	1,2-Dichlorobenzene	SW846 8270C	21	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	1,3-Dichlorobenzene	SW846 8270C	22	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	1,4-Dichlorobenzene	SW846 8270C	22	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	2,4-Dinitrotoluene	SW846 8270C	130	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	2,6-Dinitrotoluene	SW846 8270C	25	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	3,3'-Dichlorobenzidine	SW846 8270C	6.4	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Dibenzo(a,h)anthracene	SW846 8270C	17	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Dibenzofuran	SW846 8270C	23	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Di-n-butyl phthalate	SW846 8270C	24	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Di-n-octyl phthalate	SW846 8270C	14	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Diethyl phthalate	SW846 8270C	23	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Dimethyl phthalate	SW846 8270C	19	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	bis(2-Ethylhexyl)phthalate	SW846 8270C	25.5	J	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Fluoranthene	SW846 8270C	9.0	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Fluorene	SW846 8270C	5.8	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Hexachlorobenzene	SW846 8270C	23	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Hexachlorobutadiene	SW846 8270C	21	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Hexachlorocyclopentadiene	SW846 8270C	3.6	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Hexachloroethane	SW846 8270C	22	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Indeno(1,2,3-cd)pyrene	SW846 8270C	16	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Isophorone	SW846 8270C	89.2	J	ug/kg	-----	9/30/2011
139799-WASTE-C-001	2-Methylnaphthalene	SW846 8270C	22	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	2-Nitroaniline	SW846 8270C	130	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	3-Nitroaniline	SW846 8270C	130	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	4-Nitroaniline	SW846 8270C	20	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Naphthalene	SW846 8270C	6.1	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Nitrobenzene	SW846 8270C	7.8	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	N-Nitroso-di-n-propylamine	SW846 8270C	17	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	N-Nitrosodiphenylamine	SW846 8270C	14	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Phenanthrene	SW846 8270C	6.8	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Pyrene	SW846 8270C	8.5	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	1,2,4-Trichlorobenzene	SW846 8270C	23	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Acetone	SW846 8260B	4.7	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Benzene	SW846 8260B	0.24	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Bromodichloromethane	SW846 8260B	0.47	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Bromoform	SW846 8260B	0.47	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Bromomethane	SW846 8260B	1.9	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	2-Butanone (MEK)	SW846 8260B	1.9	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Carbon disulfide	SW846 8260B	2.3	J	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Carbon tetrachloride	SW846 8260B	0.47	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Chlorobenzene	SW846 8260B	0.24	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Chloroethane	SW846 8260B	0.47	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Chloroform	SW846 8260B	0.47	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Chloromethane	SW846 8260B	1.9	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Dibromochloromethane	SW846 8260B	1.9	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	1,1-Dichloroethane	SW846 8260B	0.47	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	1,2-Dichloroethane	SW846 8260B	0.47	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	1,1-Dichloroethene	SW846 8260B	0.47	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	cis-1,2-Dichloroethene	SW846 8260B	0.47	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	trans-1,2-Dichloroethene	SW846 8260B	0.47	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	1,2-Dichloropropane	SW846 8260B	0.47	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	cis-1,3-Dichloropropene	SW846 8260B	1.9	U	ug/kg	-----	9/30/2011

Client ID	Parameter	Method	Result	Qual	Units	TCLP Limit	Collected
139799-WASTE-C-001	trans-1,3-Dichloropropene	SW846 8260B	1.9	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Ethylbenzene	SW846 8260B	0.47	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	2-Hexanone	SW846 8260B	4.7	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	4-Methyl-2-pentanone (MIBK)	SW846 8260B	1.9	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Methylene chloride	SW846 8260B	0.47	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Styrene	SW846 8260B	0.47	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	1,1,2,2-Tetrachloroethane	SW846 8260B	0.47	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Tetrachloroethene	SW846 8260B	0.47	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Toluene	SW846 8260B	0.47	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	1,1,1-Trichloroethane	SW846 8260B	0.47	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	1,1,2-Trichloroethane	SW846 8260B	0.47	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Trichloroethene	SW846 8260B	0.47	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Vinyl chloride	SW846 8260B	1.9	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	Xylene (total)	SW846 8260B	0.47	U	ug/kg	-----	9/30/2011
139799-WASTE-C-001	2,4-D	SW846 8151	0.0014	U	mg/l	10	9/30/2011
139799-WASTE-C-001	2,4,5-TP (Silvex)	SW846 8151	0.0013	U	mg/l	1.0	9/30/2011
139799-WASTE-C-001	gamma-BHC (Lindane)	SW846 8081	0.00025	U	mg/l	0.40	9/30/2011
139799-WASTE-C-001	Chlordane	SW846 8081	0.0050	U	mg/l	0.030	9/30/2011
139799-WASTE-C-001	Endrin	SW846 8081	0.00025	U	mg/l	0.020	9/30/2011
139799-WASTE-C-001	Heptachlor	SW846 8081	0.00025	U	mg/l	0.0080	9/30/2011
139799-WASTE-C-001	Heptachlor epoxide	SW846 8081	0.00025	U	mg/l	0.0080	9/30/2011
139799-WASTE-C-001	Methoxychlor	SW846 8081	0.00025	U	mg/l	10	9/30/2011
139799-WASTE-C-001	Toxaphene	SW846 8081	0.0025	U	mg/l	0.50	9/30/2011
139799-WASTE-C-001	Arsenic	SW846 6010C	0.0035	U	mg/l	5.0	9/30/2011
139799-WASTE-C-001	Barium	SW846 6010C	0.15	J,Q	mg/l	100	9/30/2011
139799-WASTE-C-001	Cadmium	SW846 6010C	0.0006	U	mg/l	1.0	9/30/2011
139799-WASTE-C-001	Chromium	SW846 6010C	0.0035	J	mg/l	5.0	9/30/2011
139799-WASTE-C-001	Lead	SW846 6010C	0.0035	U	mg/l	5.0	9/30/2011
139799-WASTE-C-001	Mercury	SW846 7470A	0.000058	U	mg/l	0.20	9/30/2011
139799-WASTE-C-001	Selenium	SW846 6010C	0.0035	U	mg/l	1.0	9/30/2011
139799-WASTE-C-001	Silver	SW846 6010C	0.0010	U	mg/l	5.0	9/30/2011
139799-WASTE-C-001	2-Methylphenol	SW846 8270C	0.020	U	mg/l	200	9/30/2011
139799-WASTE-C-001	3&4-Methylphenol	SW846 8270C	0.010	U	mg/l	200	9/30/2011
139799-WASTE-C-001	Pentachlorophenol	SW846 8270C	0.020	U	mg/l	100	9/30/2011
139799-WASTE-C-001	2,4,5-Trichlorophenol	SW846 8270C	0.005	U	mg/l	400	9/30/2011
139799-WASTE-C-001	2,4,6-Trichlorophenol	SW846 8270C	0.0050	U	mg/l	2.0	9/30/2011
139799-WASTE-C-001	1,4-Dichlorobenzene	SW846 8270C	0.0050	U	mg/l	7.5	9/30/2011
139799-WASTE-C-001	2,4-Dinitrotoluene	SW846 8270C	0.020	U	mg/l	0.13	9/30/2011
139799-WASTE-C-001	Hexachlorobenzene	SW846 8270C	0.0050	U	mg/l	0.13	9/30/2011
139799-WASTE-C-001	Hexachlorobutadiene	SW846 8270C	0.0050	U	mg/l	0.50	9/30/2011
139799-WASTE-C-001	Hexachloroethane	SW846 8270C	0.020	U	mg/l	3.0	9/30/2011
139799-WASTE-C-001	Nitrobenzene	SW846 8270C	0.0050	U	mg/l	2.0	9/30/2011
139799-WASTE-C-001	Pyridine	SW846 8270C	0.050	U	mg/l	5.0	9/30/2011
139799-WASTE-C-001	Benzene	SW846 8260B	0.046	U	mg/l	0.50	9/30/2011
139799-WASTE-C-001	2-Butanone (MEK)	SW846 8260B	0.27	U	mg/l	200	9/30/2011
139799-WASTE-C-001	Carbon tetrachloride	SW846 8260B	0.058	U	mg/l	0.50	9/30/2011
139799-WASTE-C-001	Chlorobenzene	SW846 8260B	0.044	U	mg/l	100	9/30/2011
139799-WASTE-C-001	Chloroform	SW846 8260B	0.058	U	mg/l	6.0	9/30/2011
139799-WASTE-C-001	1,4-Dichlorobenzene	SW846 8260B	0.042	U	mg/l	7.5	9/30/2011
139799-WASTE-C-001	1,2-Dichloroethane	SW846 8260B	0.044	U	mg/l	0.50	9/30/2011
139799-WASTE-C-001	1,1-Dichloroethene	SW846 8260B	0.080	U	mg/l	0.70	9/30/2011
139799-WASTE-C-001	Tetrachloroethene	SW846 8260B	0.036	U	mg/l	0.70	9/30/2011
139799-WASTE-C-001	Trichloroethene	SW846 8260B	0.075	U	mg/l	0.50	9/30/2011
139799-WASTE-C-001	Vinyl chloride	SW846 8260B	0.083	U	mg/l	0.20	9/30/2011

TABLE 3

WASTE CHARACTERIZATION RESULTS 10/11/2011

LabLink Analytical Data Report
Kittery Maine Site 30 Disposal Samples 139799
Including: TCLP Maximum Contaminant Concentrations (40 CFR 261 6/96)

Client ID	Parameter	Method	Result	Qual	Units	TCLP Limit	Collected
139799-WASTE-S-002	TPH-DRO (Semi-VOA)	SW846-8015	26.4		mg/kg	------	10/11/2011
139799-WASTE-S-002	Aroclor 1016	SW846 8082	36	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Aroclor 1221	SW846 8082	36	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Aroclor 1232	SW846 8082	36	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Aroclor 1242	SW846 8082	7.2	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Aroclor 1248	SW846 8082	7.1	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Aroclor 1254	SW846 8082	148		ug/kg	------	10/11/2011
139799-WASTE-S-002	Aroclor 1260	SW846 8082	7.1	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Total PCBs	SW846 8082	148		ug/kg	------	10/11/2011
139799-WASTE-S-002	TPH-GRO (VOA)	SW846 8015	1.7	U	mg/kg	------	10/11/2011
139799-WASTE-S-002	Corrosivity as pH	SW846 CHAP7	3.9			------	10/11/2011
139799-WASTE-S-002	Cyanide Reactivity	SW846 CHAP7	1.6	U	mg/kg	------	10/11/2011
139799-WASTE-S-002	Sulfide Reactivity	SW846 CHAP7	54	U	mg/kg	------	10/11/2011
139799-WASTE-S-002	Ignitability (Flashpoint)	SW846 1020	>230	>	Deg. F	------	10/11/2011
139799-WASTE-S-002	Solids, Percent	SM21 2540 B MOD.	92.7		%	------	10/11/2011
139799-WASTE-S-002	Arsenic	SW846 6010C	14.5	Q	mg/kg	------	10/11/2011
139799-WASTE-S-002	Cadmium	SW846 6010C	0.19	J	mg/kg	------	10/11/2011
139799-WASTE-S-002	Chromium (a)	SW846 6010C	36.2	J	mg/kg	------	10/11/2011
139799-WASTE-S-002	Lead	SW846 6010C	48.4		mg/kg	------	10/11/2011
139799-WASTE-S-002	Mercury	SW846 7471B	0.036		mg/kg	------	10/11/2011
139799-WASTE-S-002	2-Chlorophenol	SW846 8270C	14	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	4-Chloro-3-methyl phenol	SW846 8270C	18	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	2,4-Dichlorophenol	SW846 8270C	31	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	2,4-Dimethylphenol	SW846 8270C	52	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	2,4-Dinitrophenol	SW846 8270C	260	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	4,6-Dinitro-o-cresol	SW846 8270C	260	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	2-Methylphenol	SW846 8270C	15	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	3&4-Methylphenol	SW846 8270C	28	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	2-Nitrophenol	SW846 8270C	31	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	4-Nitrophenol	SW846 8270C	260	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Pentachlorophenol	SW846 8270C	49	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Phenol	SW846 8270C	43	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	2,4,5-Trichlorophenol	SW846 8270C	39	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	2,4,6-Trichlorophenol	SW846 8270C	36	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Acenaphthene	SW846 8270C	22	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Acenaphthylene	SW846 8270C	20	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Anthracene	SW846 8270C	21	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Benzo(a)anthracene	SW846 8270C	9.6	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Benzo(a)pyrene	SW846 8270C	16	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Benzo(b)fluoranthene	SW846 8270C	31	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Benzo(g,h,i)perylene	SW846 8270C	17	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Benzo(k)fluoranthene	SW846 8270C	7.7	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	4-Bromophenyl phenyl ether	SW846 8270C	21	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Butyl benzyl phthalate	SW846 8270C	11	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	2-Chloronaphthalene	SW846 8270C	22	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	4-Chloroaniline	SW846 8270C	130	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Carbazole	SW846 8270C	21	U	ug/kg	------	10/11/2011

Client ID	Parameter	Method	Result	Qual	Units	TCLP Limit	Collected
139799-WASTE-S-002	Chrysene	SW846 8270C	11.4	J	ug/kg	------	10/11/2011
139799-WASTE-S-002	bis(2-Chloroethoxy)methane	SW846 8270C	20	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	bis(2-Chloroethyl)ether	SW846 8270C	5.6	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	bis(2-Chloroisopropyl)ether	SW846 8270C	25	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	4-Chlorophenyl phenyl ether	SW846 8270C	23	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	1,2-Dichlorobenzene	SW846 8270C	21	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	1,3-Dichlorobenzene	SW846 8270C	22	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	1,4-Dichlorobenzene	SW846 8270C	22	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	2,4-Dinitrotoluene	SW846 8270C	130	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	2,6-Dinitrotoluene	SW846 8270C	25	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	3,3'-Dichlorobenzidine	SW846 8270C	6.3	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Dibenzo(a,h)anthracene	SW846 8270C	17	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Dibenzofuran	SW846 8270C	22	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Di-n-butyl phthalate	SW846 8270C	24	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Di-n-octyl phthalate	SW846 8270C	14	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Diethyl phthalate	SW846 8270C	23	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Dimethyl phthalate	SW846 8270C	18	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	bis(2-Ethylhexyl)phthalate	SW846 8270C	95.3	J	ug/kg	------	10/11/2011
139799-WASTE-S-002	Fluoranthene	SW846 8270C	18.1	J	ug/kg	------	10/11/2011
139799-WASTE-S-002	Fluorene	SW846 8270C	5.8	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Hexachlorobenzene	SW846 8270C	23	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Hexachlorobutadiene	SW846 8270C	21	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Hexachlorocyclopentadiene	SW846 8270C	3.5	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Hexachloroethane	SW846 8270C	21	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Indeno(1,2,3-cd)pyrene	SW846 8270C	16	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Isophorone	SW846 8270C	26	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	2-Methylnaphthalene	SW846 8270C	22	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	2-Nitroaniline	SW846 8270C	130	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	3-Nitroaniline	SW846 8270C	130	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	4-Nitroaniline	SW846 8270C	19	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Naphthalene	SW846 8270C	6.1	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Nitrobenzene	SW846 8270C	7.7	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	N-Nitroso-di-n-propylamine	SW846 8270C	17	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	N-Nitrosodiphenylamine	SW846 8270C	14	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Phenanthrene	SW846 8270C	12.9	J	ug/kg	------	10/11/2011
139799-WASTE-S-002	Pyrene	SW846 8270C	17.2	J	ug/kg	------	10/11/2011
139799-WASTE-S-002	1,2,4-Trichlorobenzene	SW846 8270C	23	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Acetone	SW846 8260B	10.2		ug/kg	------	10/11/2011
139799-WASTE-S-002	Benzene	SW846 8260B	0.18	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Bromodichloromethane	SW846 8260B	0.36	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Bromoform	SW846 8260B	0.36	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Bromomethane	SW846 8260B	1.4	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	2-Butanone (MEK)	SW846 8260B	1.4	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Carbon disulfide	SW846 8260B	13.9		ug/kg	------	10/11/2011
139799-WASTE-S-002	Carbon tetrachloride	SW846 8260B	0.36	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Chlorobenzene	SW846 8260B	0.18	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Chloroethane	SW846 8260B	0.36	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Chloroform	SW846 8260B	0.36	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Chloromethane	SW846 8260B	1.4	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Dibromochloromethane	SW846 8260B	1.4	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	1,1-Dichloroethane	SW846 8260B	0.36	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	1,2-Dichloroethane	SW846 8260B	0.36	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	1,1-Dichloroethene	SW846 8260B	0.36	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	cis-1,2-Dichloroethene	SW846 8260B	0.36	U	ug/kg	------	10/11/2011

Client ID	Parameter	Method	Result	Qual	Units	TCLP Limit	Collected
139799-WASTE-S-002	trans-1,2-Dichloroethene	SW846 8260B	0.36	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	1,2-Dichloropropane	SW846 8260B	0.36	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	cis-1,3-Dichloropropene	SW846 8260B	1.4	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	trans-1,3-Dichloropropene	SW846 8260B	1.4	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Ethylbenzene	SW846 8260B	0.8	J	ug/kg	------	10/11/2011
139799-WASTE-S-002	2-Hexanone	SW846 8260B	3.6	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	4-Methyl-2-pentanone (MIBK)	SW846 8260B	1.4	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Methylene chloride	SW846 8260B	0.36	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Styrene	SW846 8260B	0.36	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	1,1,2,2-Tetrachloroethane	SW846 8260B	0.36	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Tetrachloroethene	SW846 8260B	0.36	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Toluene	SW846 8260B	2.7	J	ug/kg	------	10/11/2011
139799-WASTE-S-002	1,1,1-Trichloroethane	SW846 8260B	0.36	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	1,1,2-Trichloroethane	SW846 8260B	0.36	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Trichloroethene	SW846 8260B	0.36	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Vinyl chloride	SW846 8260B	1.4	U	ug/kg	------	10/11/2011
139799-WASTE-S-002	Xylene (total)	SW846 8260B	3		ug/kg	------	10/11/2011
139799-WASTE-S-002	2,4-D	SW846 8151	0.0014	U	mg/l	10	10/11/2011
139799-WASTE-S-002	2,4,5-TP (Silvex)	SW846 8151	0.0013	U	mg/l	1.0	10/11/2011
139799-WASTE-S-002	gamma-BHC (Lindane)	SW846 8081	0.00025	U	mg/l	0.40	10/11/2011
139799-WASTE-S-002	Chlordane	SW846 8081	0.0050	U	mg/l	0.030	10/11/2011
139799-WASTE-S-002	Endrin	SW846 8081	0.00025	U	mg/l	0.020	10/11/2011
139799-WASTE-S-002	Heptachlor	SW846 8081	0.00025	U	mg/l	0.0080	10/11/2011
139799-WASTE-S-002	Heptachlor epoxide	SW846 8081	0.00025	U	mg/l	0.0080	10/11/2011
139799-WASTE-S-002	Methoxychlor	SW846 8081	0.00025	U	mg/l	10	10/11/2011
139799-WASTE-S-002	Toxaphene	SW846 8081	0.0025	U	mg/l	0.50	10/11/2011
139799-WASTE-S-002	Arsenic	SW846 6010C	0.0035	U	mg/l	5.0	10/11/2011
139799-WASTE-S-002	Barium	SW846 6010C	0.092	J,Q	mg/l	100	10/11/2011
139799-WASTE-S-002	Cadmium	SW846 6010C	0.0035	J	mg/l	1.0	10/11/2011
139799-WASTE-S-002	Chromium	SW846 6010C	0.0044	J	mg/l	5.0	10/11/2011
139799-WASTE-S-002	Lead	SW846 6010C	0.037	Q	mg/l	5.0	10/11/2011
139799-WASTE-S-002	Mercury	SW846 7470A	0.000058	U	mg/l	0.20	10/11/2011
139799-WASTE-S-002	Selenium	SW846 6010C	0.0054	J	mg/l	1.0	10/11/2011
139799-WASTE-S-002	Silver	SW846 6010C	0.0010	U	mg/l	5.0	10/11/2011
139799-WASTE-S-002	2-Methylphenol	SW846 8270C	0.020	U	mg/l	200	10/11/2011
139799-WASTE-S-002	3&4-Methylphenol	SW846 8270C	0.010	U	mg/l	200	10/11/2011
139799-WASTE-S-002	Pentachlorophenol	SW846 8270C	0.020	U	mg/l	100	10/11/2011
139799-WASTE-S-002	2,4,5-Trichlorophenol	SW846 8270C	0.0050	U	mg/l	400	10/11/2011
139799-WASTE-S-002	2,4,6-Trichlorophenol	SW846 8270C	0.0050	U	mg/l	2.0	10/11/2011
139799-WASTE-S-002	1,4-Dichlorobenzene	SW846 8270C	0.0050	U	mg/l	7.5	10/11/2011
139799-WASTE-S-002	2,4-Dinitrotoluene	SW846 8270C	0.020	U	mg/l	0.13	10/11/2011
139799-WASTE-S-002	Hexachlorobenzene	SW846 8270C	0.0050	U	mg/l	0.13	10/11/2011
139799-WASTE-S-002	Hexachlorobutadiene	SW846 8270C	0.0050	U	mg/l	0.50	10/11/2011
139799-WASTE-S-002	Hexachloroethane	SW846 8270C	0.020	U	mg/l	3.0	10/11/2011
139799-WASTE-S-002	Nitrobenzene	SW846 8270C	0.0050	U	mg/l	2.0	10/11/2011
139799-WASTE-S-002	Pyridine	SW846 8270C	0.050	U	mg/l	5.0	10/11/2011
139799-WASTE-S-002	Benzene	SW846 8260B	0.0534		mg/l	0.50	10/11/2011
139799-WASTE-S-002	2-Butanone (MEK)	SW846 8260B	0.50	U	mg/l	200	10/11/2011
139799-WASTE-S-002	Carbon tetrachloride	SW846 8260B	0.10	U	mg/l	0.50	10/11/2011
139799-WASTE-S-002	Chlorobenzene	SW846 8260B	0.10	U	mg/l	100	10/11/2011
139799-WASTE-S-002	Chloroform	SW846 8260B	0.10	U	mg/l	6.0	10/11/2011
139799-WASTE-S-002	1,4-Dichlorobenzene	SW846 8260B	0.10	U	mg/l	7.5	10/11/2011
139799-WASTE-S-002	1,2-Dichloroethane	SW846 8260B	0.10	U	mg/l	0.50	10/11/2011
139799-WASTE-S-002	1,1-Dichloroethene	SW846 8260B	0.10	U	mg/l	0.70	10/11/2011

Client ID	Parameter	Method	Result	Qual	Units	TCLP Limit	Collected
139799-WASTE-S-002	Tetrachloroethene	SW846 8260B	0.10	U	mg/l	0.70	10/11/2011
139799-WASTE-S-002	Trichloroethene	SW846 8260B	0.10	U	mg/l	0.50	10/11/2011
139799-WASTE-S-002	Vinyl chloride	SW846 8260B	0.10	U	mg/l	0.20	10/11/2011
139799-WASTE-C-002	TPH-DRO (Semi-VOA)	SW846-8015	355		mg/kg	------	10/11/2011
139799-WASTE-C-002	Aroclor 1016	SW846 8082	34	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Aroclor 1221	SW846 8082	34	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Aroclor 1232	SW846 8082	34	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Aroclor 1242	SW846 8082	6.9	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Aroclor 1248	SW846 8082	6.8	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Aroclor 1254	SW846 8082	130		ug/kg	------	10/11/2011
139799-WASTE-C-002	Aroclor 1260	SW846 8082	6.8	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Total PCBs	SW846 8082	130		ug/kg	------	10/11/2011
139799-WASTE-C-002	TPH-GRO (VOA)	SW846 8015	1.9	U	mg/kg	------	10/11/2011
139799-WASTE-C-002	Corrosivity as pH	SW846 CHAP7	4			------	10/11/2011
139799-WASTE-C-002	Cyanide Reactivity	SW846 CHAP7	1.5	U	mg/kg	------	10/11/2011
139799-WASTE-C-002	Sulfide Reactivity	SW846 CHAP7	51	U	mg/kg	------	10/11/2011
139799-WASTE-C-002	Ignitability (Flashpoint)	SW846 1020	>230	>	Deg. F	------	10/11/2011
139799-WASTE-C-002	Solids, Percent	SM21 2540 B MOD.	97.1		%	------	10/11/2011
139799-WASTE-C-002	Arsenic	SW846 6010C	0.64	J,Q	mg/kg	------	10/11/2011
139799-WASTE-C-002	Cadmium	SW846 6010C	0.054	U	mg/kg	------	10/11/2011
139799-WASTE-C-002	Chromium	SW846 6010C	4.1		mg/kg	------	10/11/2011
139799-WASTE-C-002	Lead	SW846 6010C	35.5		mg/kg	------	10/11/2011
139799-WASTE-C-002	Mercury	SW846 7471B	0.029	J	mg/kg	------	10/11/2011
139799-WASTE-C-002	2-Chlorophenol	SW846 8270C	13	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	4-Chloro-3-methyl phenol	SW846 8270C	17	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	2,4-Dichlorophenol	SW846 8270C	29	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	2,4-Dimethylphenol	SW846 8270C	49	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	2,4-Dinitrophenol	SW846 8270C	250	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	4,6-Dinitro-o-cresol	SW846 8270C	250	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	2-Methylphenol	SW846 8270C	14	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	3&4-Methylphenol	SW846 8270C	26	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	2-Nitrophenol	SW846 8270C	30	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	4-Nitrophenol	SW846 8270C	250	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Pentachlorophenol	SW846 8270C	46	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Phenol	SW846 8270C	41	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	2,4,5-Trichlorophenol	SW846 8270C	37	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	2,4,6-Trichlorophenol	SW846 8270C	34	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Acenaphthene	SW846 8270C	21	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Acenaphthylene	SW846 8270C	18	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Anthracene	SW846 8270C	19	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Benzo(a)anthracene	SW846 8270C	9.1	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Benzo(a)pyrene	SW846 8270C	15	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Benzo(b)fluoranthene	SW846 8270C	29	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Benzo(g,h,i)perylene	SW846 8270C	16	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Benzo(k)fluoranthene	SW846 8270C	7.3	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	4-Bromophenyl phenyl ether	SW846 8270C	20	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Butyl benzyl phthalate	SW846 8270C	11	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	2-Chloronaphthalene	SW846 8270C	21	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	4-Chloroaniline	SW846 8270C	120	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Carbazole	SW846 8270C	19	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Chrysene	SW846 8270C	8	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	bis(2-Chloroethoxy)methane	SW846 8270C	19	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	bis(2-Chloroethyl)ether	SW846 8270C	5.3	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	bis(2-Chloroisopropyl)ether	SW846 8270C	23	U	ug/kg	------	10/11/2011

Client ID	Parameter	Method	Result	Qual	Units	TCLP Limit	Collected
139799-WASTE-C-002	4-Chlorophenyl phenyl ether	SW846 8270C	22	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	1,2-Dichlorobenzene	SW846 8270C	20	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	1,3-Dichlorobenzene	SW846 8270C	21	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	1,4-Dichlorobenzene	SW846 8270C	20	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	2,4-Dinitrotoluene	SW846 8270C	120	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	2,6-Dinitrotoluene	SW846 8270C	24	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	3,3'-Dichlorobenzidine	SW846 8270C	5.9	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Dibenzo(a,h)anthracene	SW846 8270C	16	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Dibenzofuran	SW846 8270C	21	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Di-n-butyl phthalate	SW846 8270C	22	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Di-n-octyl phthalate	SW846 8270C	13	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Diethyl phthalate	SW846 8270C	21	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Dimethyl phthalate	SW846 8270C	17	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	bis(2-Ethylhexyl)phthalate	SW846 8270C	174	J	ug/kg	------	10/11/2011
139799-WASTE-C-002	Fluoranthene	SW846 8270C	8.4	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Fluorene	SW846 8270C	5.4	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Hexachlorobenzene	SW846 8270C	21	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Hexachlorobutadiene	SW846 8270C	19	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Hexachlorocyclopentadiene	SW846 8270C	3.3	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Hexachloroethane	SW846 8270C	20	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Indeno(1,2,3-cd)pyrene	SW846 8270C	15	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Isophorone	SW846 8270C	24	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	2-Methylnaphthalene	SW846 8270C	21	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	2-Nitroaniline	SW846 8270C	120	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	3-Nitroaniline	SW846 8270C	120	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	4-Nitroaniline	SW846 8270C	18	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Naphthalene	SW846 8270C	5.7	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Nitrobenzene	SW846 8270C	7.3	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	N-Nitroso-di-n-propylamine	SW846 8270C	16	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	N-Nitrosodiphenylamine	SW846 8270C	13	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Phenanthrene	SW846 8270C	50.9	J	ug/kg	------	10/11/2011
139799-WASTE-C-002	Pyrene	SW846 8270C	31.8	J	ug/kg	------	10/11/2011
139799-WASTE-C-002	1,2,4-Trichlorobenzene	SW846 8270C	21	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Acetone	SW846 8260B	16.1		ug/kg	------	10/11/2011
139799-WASTE-C-002	Benzene	SW846 8260B	0.22	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Bromodichloromethane	SW846 8260B	0.44	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Bromoform	SW846 8260B	0.44	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Bromomethane	SW846 8260B	1.7	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	2-Butanone (MEK)	SW846 8260B	1.7	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Carbon disulfide	SW846 8260B	1.7	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Carbon tetrachloride	SW846 8260B	0.44	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Chlorobenzene	SW846 8260B	0.22	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Chloroethane	SW846 8260B	0.44	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Chloroform	SW846 8260B	0.44	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Chloromethane	SW846 8260B	1.7	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Dibromochloromethane	SW846 8260B	1.7	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	1,1-Dichloroethane	SW846 8260B	0.44	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	1,2-Dichloroethane	SW846 8260B	0.44	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	1,1-Dichloroethene	SW846 8260B	0.44	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	cis-1,2-Dichloroethene	SW846 8260B	0.44	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	trans-1,2-Dichloroethene	SW846 8260B	0.44	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	1,2-Dichloropropane	SW846 8260B	0.44	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	cis-1,3-Dichloropropene	SW846 8260B	1.7	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	trans-1,3-Dichloropropene	SW846 8260B	1.7	U	ug/kg	------	10/11/2011

Client ID	Parameter	Method	Result	Qual	Units	TCLP Limit	Collected
139799-WASTE-C-002	Ethylbenzene	SW846 8260B	0.57	J	ug/kg	------	10/11/2011
139799-WASTE-C-002	2-Hexanone	SW846 8260B	4.4	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	4-Methyl-2-pentanone (MIBK)	SW846 8260B	1.7	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Methylene chloride	SW846 8260B	0.44	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Styrene	SW846 8260B	0.44	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	1,1,2,2-Tetrachloroethane	SW846 8260B	0.44	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Tetrachloroethene	SW846 8260B	0.44	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Toluene	SW846 8260B	2.2	J	ug/kg	------	10/11/2011
139799-WASTE-C-002	1,1,1-Trichloroethane	SW846 8260B	0.44	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	1,1,2-Trichloroethane	SW846 8260B	0.44	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Trichloroethene	SW846 8260B	0.44	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Vinyl chloride	SW846 8260B	1.7	U	ug/kg	------	10/11/2011
139799-WASTE-C-002	Xylene (total)	SW846 8260B	2.0		ug/kg	------	10/11/2011
139799-WASTE-C-002	2,4-D	SW846 8151	0.0014	U	mg/l	10	10/11/2011
139799-WASTE-C-002	2,4,5-TP (Silvex)	SW846 8151	0.0013	U	mg/l	1.0	10/11/2011
139799-WASTE-C-002	gamma-BHC (Lindane)	SW846 8081	0.00025	U	mg/l	0.40	10/11/2011
139799-WASTE-C-002	Chlordane	SW846 8081	0.0050	U	mg/l	0.030	10/11/2011
139799-WASTE-C-002	Endrin	SW846 8081	0.00025	U	mg/l	0.020	10/11/2011
139799-WASTE-C-002	Heptachlor	SW846 8081	0.00025	U	mg/l	0.0080	10/11/2011
139799-WASTE-C-002	Heptachlor epoxide	SW846 8081	0.00025	U	mg/l	0.0080	10/11/2011
139799-WASTE-C-002	Methoxychlor	SW846 8081	0.00025	U	mg/l	10	10/11/2011
139799-WASTE-C-002	Toxaphene	SW846 8081	0.0025	U	mg/l	0.50	10/11/2011
139799-WASTE-C-002	Arsenic	SW846 6010C	0.0035	U	mg/l	5.0	10/11/2011
139799-WASTE-C-002	Barium	SW846 6010C	0.054	J,Q	mg/l	100	10/11/2011
139799-WASTE-C-002	Cadmium	SW846 6010C	0.0008	J	mg/l	1.0	10/11/2011
139799-WASTE-C-002	Chromium	SW846 6010C	0.0023	J	mg/l	5.0	10/11/2011
139799-WASTE-C-002	Lead	SW846 6010C	0.057	Q	mg/l	5.0	10/11/2011
139799-WASTE-C-002	Mercury	SW846 7470A	0.000058	U	mg/l	0.20	10/11/2011
139799-WASTE-C-002	Selenium	SW846 6010C	0.0065	J	mg/l	1.0	10/11/2011
139799-WASTE-C-002	Silver	SW846 6010C	0.0010	U	mg/l	5.0	10/11/2011
139799-WASTE-C-002	2-Methylphenol	SW846 8270C	0.020	U	mg/l	200	10/11/2011
139799-WASTE-C-002	3&4-Methylphenol	SW846 8270C	0.010	U	mg/l	200	10/11/2011
139799-WASTE-C-002	Pentachlorophenol	SW846 8270C	0.020	U	mg/l	100	10/11/2011
139799-WASTE-C-002	2,4,5-Trichlorophenol	SW846 8270C	0.0050	U	mg/l	400	10/11/2011
139799-WASTE-C-002	2,4,6-Trichlorophenol	SW846 8270C	0.0050	U	mg/l	2.0	10/11/2011
139799-WASTE-C-002	1,4-Dichlorobenzene	SW846 8270C	0.0050	U	mg/l	7.5	10/11/2011
139799-WASTE-C-002	2,4-Dinitrotoluene	SW846 8270C	0.020	U	mg/l	0.13	10/11/2011
139799-WASTE-C-002	Hexachlorobenzene	SW846 8270C	0.0050	U	mg/l	0.13	10/11/2011
139799-WASTE-C-002	Hexachlorobutadiene	SW846 8270C	0.0050	U	mg/l	0.50	10/11/2011
139799-WASTE-C-002	Hexachloroethane	SW846 8270C	0.020	U	mg/l	3.0	10/11/2011
139799-WASTE-C-002	Nitrobenzene	SW846 8270C	0.0050	U	mg/l	2.0	10/11/2011
139799-WASTE-C-002	Pyridine	SW846 8270C	0.050	U	mg/l	5.0	10/11/2011
139799-WASTE-C-002	Benzene	SW846 8260B	0.050	U	mg/l	0.50	10/11/2011
139799-WASTE-C-002	2-Butanone (MEK)	SW846 8260B	0.50	U	mg/l	200	10/11/2011
139799-WASTE-C-002	Carbon tetrachloride	SW846 8260B	0.10	U	mg/l	0.50	10/11/2011
139799-WASTE-C-002	Chlorobenzene	SW846 8260B	0.10	U	mg/l	100	10/11/2011
139799-WASTE-C-002	Chloroform	SW846 8260B	0.10	U	mg/l	6.0	10/11/2011
139799-WASTE-C-002	1,4-Dichlorobenzene	SW846 8260B	0.10	U	mg/l	7.5	10/11/2011
139799-WASTE-C-002	1,2-Dichloroethane	SW846 8260B	0.10	U	mg/l	0.50	10/11/2011
139799-WASTE-C-002	1,1-Dichloroethene	SW846 8260B	0.10	U	mg/l	0.70	10/11/2011
139799-WASTE-C-002	Tetrachloroethene	SW846 8260B	0.10	U	mg/l	0.70	10/11/2011
139799-WASTE-C-002	Trichloroethene	SW846 8260B	0.10	U	mg/l	0.50	10/11/2011
139799-WASTE-C-002	Vinyl chloride	SW846 8260B	0.10	U	mg/l	0.20	10/11/2011

TABLE 4

TRANSPORTATION AND DISPOSAL LOG

DATE	Material Description	Weigh Ticket No.	TRUCK No.	Bill of Lading No.	TONS	Cumulative Tons	Transporter	Disposal Facility
11/3/2011	Non-haz soil	105740	GOULET041		29.5900		Global Remediation	news of worcester
11/3/2011	Non-haz soil	105752	GOULET072		29.8700		Global Remediation	news of worcester
11/3/2011	Non-haz soil	105782	GOULET057		35.7800		Global Remediation	news of worcester
11/3/2011	Non-haz soil	105810	GOULET074		31.6500		Global Remediation	news of worcester
11/3/2011	Non-haz soil	105820	GOULET041T		30.6500		Global Remediation	news of worcester
11/3/2011	Non-haz soil	105826	GOULET212		30.6500		Global Remediation	news of worcester
11/3/2011	Non-haz soil	105821	GOULET062		32.5700		Global Remediation	news of worcester
				Total	220.76	220.76		
11/4/2011	Non-haz soil	105868	GOULET041		27.9000		Global Remediation	news of worcester
11/4/2011	Non-haz soil	105867	GOULET034		30.3200		Global Remediation	news of worcester
11/4/2011	Non-haz concrete/brick	127375			14.1200		Shipyard Waste	Aggregate Recycling corp
11/4/2011	Non-haz concrete/brick	127359			10.7500		Shipyard Waste	Aggregate Recycling corp
11/4/2011	Non-haz concrete/brick	127399			19.7000		Shipyard Waste	Aggregate Recycling corp
11/4/2011	Non-haz concrete/brick	127389			21.7500		Shipyard Waste	Aggregate Recycling corp
11/4/2011	Non-haz concrete/brick	127413			13.4100		Shipyard Waste	Aggregate Recycling corp
				Total	137.95	358.71		

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FIGURES

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REV	DATE	APRV'D	DESCRIPTION/ISSUE

REVISIONS

Shaw Environmental & Infrastructure, Inc.
(A CB&I Company)
500 East Main Street, Suite 1630
Norfolk, Virginia 23510

DESIGNED BY	MLS	11/22/2010	CHECKED BY	WLD	11/22/2010
DRAWN BY	TFR	11/22/2010	APPROVED BY	FP	11/22/2010

DEPARTMENT OF NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVFAC Naval Facilities Engineering Command
PORTSMOUTH NAVAL SHIPYARD
KITTERY, MAINE

SITE 30

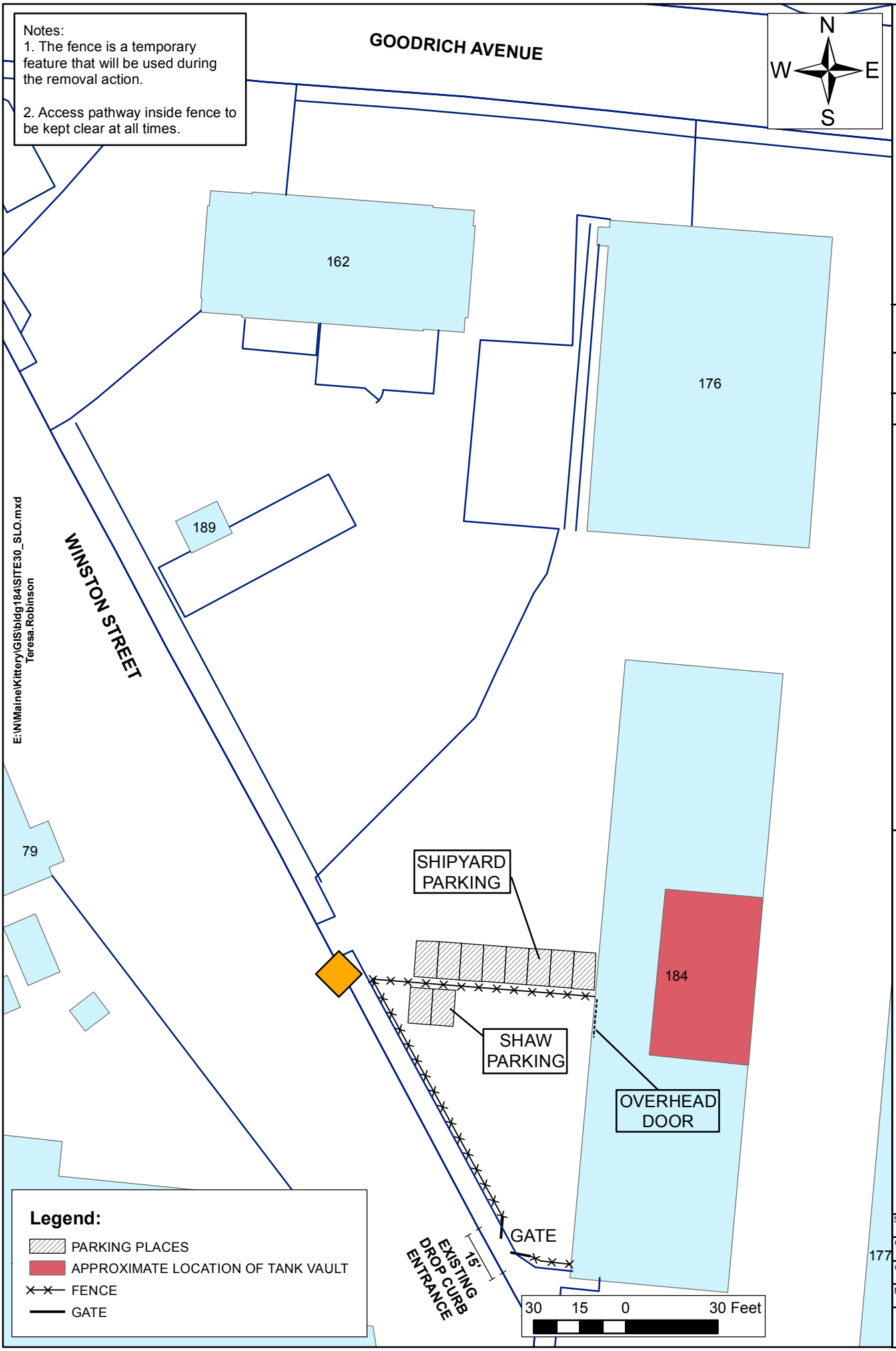
SITE LOCATION MAP

SCALE: AS SHOWN
SIZE: 1
CONTRACT TASK ORDER: WE21
CONTRACT NO.: N62470-08-D-1007
NAVFAC DRAWING NO.

FIGURE 1

Notes:
1. The fence is a temporary feature that will be used during the removal action.

2. Access pathway inside fence to be kept clear at all times.



E:\N\Maine\Kittery\GIS\bldg184\SITE30_SLO.mxd
Teresa.Robinson

REV	DATE	APRV'D	DESCRIPTION/ISSUE
A	5/5	MLS	UPDATED FOR SPACE PLANNING COMMITTEE

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Shaw Environmental & Infrastructure, Inc.
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DESIGNED BY	MLS	05/05/2011	CHECKED BY	WLD	05/05/2011
DRAWN BY	TFR	05/05/2011	APPROVED BY	FP	05/05/2011

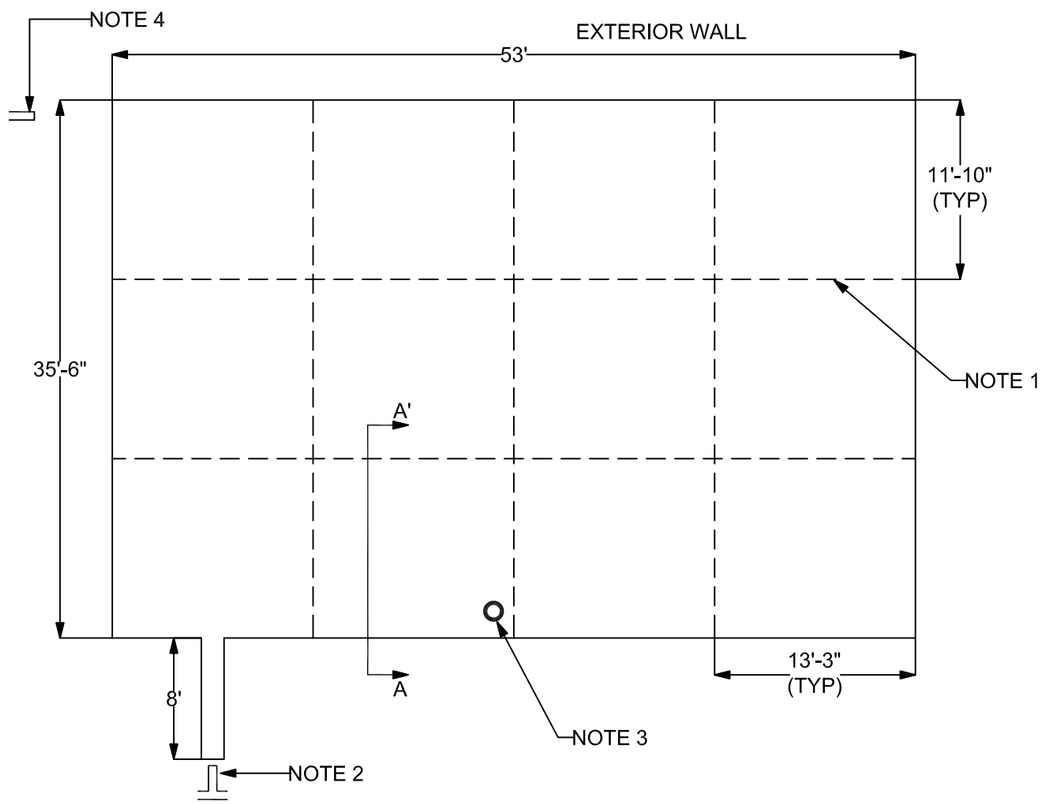
DEPARTMENT OF NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVFAC Naval Facilities Engineering Command
PORTSMOUTH NAVAL SHIPYARD
KITTERY, MAINE

SITE 30
SITE LAYOUT

SCALE: AS SHOWN
SIZE: 1
CONTRACT TASK ORDER: WE21
CONTRACT NO.: N62470-08-D-1007
NAVFAC DRAWING NO.

FIGURE 2

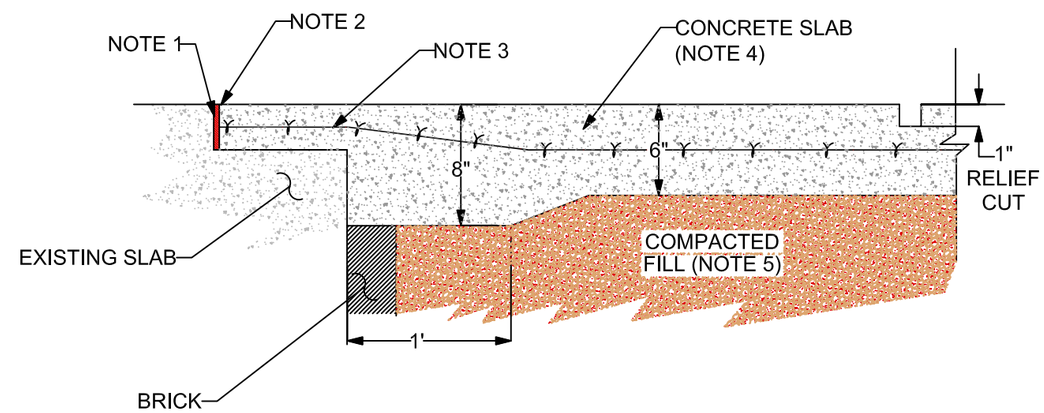
PLAN VIEW



NOTES:

1. ONE INCH DEEP RELIEF CUTS
2. LOCATION OF ABANDONED STEAM LINES
3. DRAIN IN BOTTOM OF VAULT FILLED WITH HYDRAULIC CEMENT
4. ABANDONED WATER LINE ABOVE OFFICE (REMAINS)

CROSS SECTION A - A'



NOTES:

1. SELF-LEVELING SEALANT
2. STYROFOAM BACKER BOARD
3. 6" X 6" WELDED WIRE FABRIC CENTERED THROUGHOUT SLAB
4. CONCRETE SLAB MINIMUM COMPRESSIVE STRENGTH 4,000 PSI (TESTED)
5. FILL COMPACTED TO A MINIMUM 95% OF PROCTOR DENSITY

REVISIONS

REV	DATE	APRV'D	DESCRIPTION/ISSUE

Shaw Environmental & Infrastructure, Inc.
(A CB&I Company)
500 East Main Street, Suite 1630
Norfolk, Virginia 23510

DESIGNED BY	CHECKED BY	APRV'D BY	DATE
JEW	JEW	FP	02/20/2012
DRAWN BY			
TFR	02/20/2012	02/20/2012	02/20/2012

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVFAC Naval Facilities Engineering Command
PORTSMOUTH NAVAL SHIPYARD
KITTERY, MAINE

SITE 30

BUILDING 184 AS-BUILT

SCALE: AS SHOWN
SIZE: 1
CONTRACT TASK ORDER: WE 21
SCALE: NTS
NAVFAC DRAWING NO. N62470-08-D-1007

FIGURE 3

N:\Maine\Kittery\GIS\bldg184\139799as-built_fig3.dwg

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APPENDIX A

RESPONSE TO COMMENTS

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CB&I
500 E. Main Street, Suite 1630
Norfolk, VA 23510
Tel: +1 757 640 6200
Fax: +1 757 640 6201

October 24, 2013

Bryan Peed
NAVFAC Mid-Atlantic
9742 Maryland Avenue, Building N26
Suite 3300 – Code PPHREV3
Norfolk, VA 23511

Ref: Environmental Remedial Action Contract (RAC V)
Contract N62470-08-D-1007, Task Order WE21

Subj: Transmittal, Response to Comments from Maine DEP
Draft Construction Completion Report
Site 30, Former Galvanizing Tank Vault
Portsmouth Naval Shipyard, Kittery, Maine.

Dear Mr. Peed:

Attached hereto are prepared responses to comments provided by Maine Department of Environmental Protection on the Draft Construction Completion Report (CCR) for the Remedial Action Construction at Site 30, Former Galvanizing Tank Vault at Portsmouth Naval Shipyard. The responses, once accepted will be incorporated into the CCR and issued as final.

This correspondence is being submitted to the United States Environmental Protection Agency, care of Mr. Matthew R. Audet, P.G. and the Maine Department of Environmental Protection, care of Mr. Iver J. McLeod for review and comment. Additional copies are being distributed per the distribution list at the bottom of this letter.

Should you have any questions or comments, please do not hesitate to contact me at your convenience.

Sincerely,

Fred Poulin
Project Manager
Shaw Environmental and Infrastructure, Inc. (A CB&I Company)

Please Reply To: Fred Poulin
Phone: 401.474.0867 (c)
E-Mail Address: fred.poulin@cbifederalservices.com

Enclosures (1)

cc:
Matthew Thyng – PWD Maine (2 hard copies, 2 CD)
Iver J. Mcleod – Maine DEP (2 hard copies, 2 CD)
Matthew R. Audet, P.G. – USEPA (1 hard copy, 1 CD)
Debra J. Cohen, P.E., - Tetra Tech (1 CD)
Eartha Garret – NAVFAC Contract Specialist (w/o enclosure)
James A. Dunn, Jr. – Program Manager (w/o enclosure)
Maggie Byrd – Contracts Manager (w/o enclosure)
Shaw Project File

Shaw Environmental and Infrastructure, Inc.
Draft Construction Completion Report
Remedial Action at Site 30, Former Galvanizing Tank Vault
Portsmouth Naval Shipyard, Kittery, Maine June 2013
July 30, 2013

1. **Section 3.4 Excavation, p. 3-4**

   This section states that soil that showed signs of staining was segregated in a separate cell. How much, if any, soil showed signs of staining? Was it tested separately?

   Response: The soil that was initially excavated immediately under the concrete slab showed signs of discoloration and was stockpiled in the first of two separate 100 cubic yard cells. After being sampled and characterized as non-hazardous, this soil was comingled with the rest of the excavated soil for disposal. Additional text has been added to this section to reflect this action.

2. **Appendix C**

   Please provide a figure showing the locations of the photographs, as was done in Fig. 1 of App. K.

   Response: A new figure will be included in Appendix C of the Final Construction Completion Report (CCR) showing the locations of the photographs as requested.

3. **Appendix K, V. Conclusion, p. 3**

   "…no efflorescence ghosting was noted on any exposed concrete or acid brick (Photo 1)." Please explain the term ghosting and clarify the reference to Photo 1 in relation to the lack of efflorescence ghosting. Photo 1 appears to be an area of crystallization at the base of a piling rather than an area of exposed concrete or acid brick without ghosting.

   Response: The term ghosting has been eliminated from the Crystalline Growth Investigation Memorandum. It was intended to indicate the presence of crystalline staining or deposits; however, given the definition of the efflorescence it was determined to be unclear and unnecessary.

   Maine DEP is correct; Photo 1 is in fact an area of crystallization on Piling 4. The reference to Photo 1 in this section corresponds to an observation during excavation (prior to the Crystalline Growth Investigation) and was already stated in the preceding sentence. This sentence (referencing Photo 1) has been deleted to remove the inaccuracy and avoid further confusion.

4. **Appendix K, Figure 1**

   Please explain what the red line is that runs along a portion of the west wall.

   Response: The red line running along the west wall indicates steam pipes and notation will be added to the Legend on the revision of Appendix K, Figure 1.

5. **Appendix K**

   The pH tests completed on the material show that the pH of the material is near 2 in some instances, near 12 in others. Although not a CERCLA discharge, Shipyard personnel charged with addressing any future crystalline growth should be aware that wastes related to this material may qualify as hazardous if the pH were to be less than or equal to 2, or greater than 12.5, and dispose of it appropriately.

   Response: Comment noted. Shipyard Code 106, Safety and Environmental, is responsible for addressing any future crystalline growth. Code 106 has been informed of the potential pH concerns.

APPENDIX B

FINAL SCHEDULE

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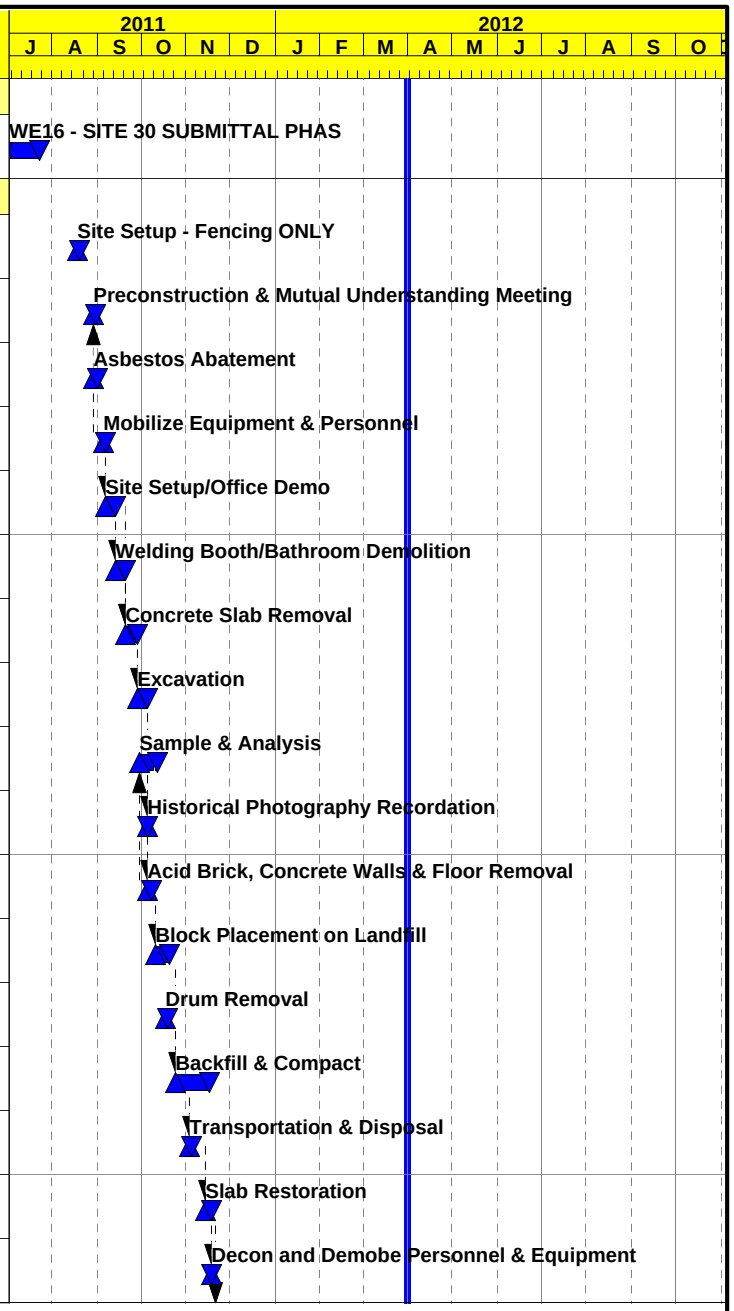
Activity ID	Activity Description	Orig Dur	Act Dur	Rem Dur	Early Start	Early Finish
WE 16 - SUBMITTALS						
10	WE16 - SITE 30 SUBMITTAL PHASE	1	179	0	09NOV10A	22JUL11A
WE 21 - FIELD WORK						
110	Site Setup - Fencing ONLY	5	2	0	18AUG11A	19AUG11A
70	Preconstruction & Mutual Understanding Meeting	1	1	0	30AUG11A	30AUG11A
210	Asbestos Abatement	1	2	0	30AUG11A	31AUG11A
100	Mobilize Equipment & Personnel	1	1	0	06SEP11A	06SEP11A
220	Site Setup/Office Demo	1	5	0	07SEP11A	13SEP11A
240	Welding Booth/Bathroom Demolition	1	5	0	14SEP11A	20SEP11A
120	Concrete Slab Removal	5	5	0	21SEP11A	27SEP11A
130	Excavation	5	5	0	28SEP11A	04OCT11A
230	Sample & Analysis	4	7	0	30SEP11A	11OCT11A
50	Historical Photography Recordation	5	1	0	05OCT11A	05OCT11A
140	Acid Brick, Concrete Walls & Floor Removal	3	3	0	05OCT11A	07OCT11A
250	Block Placement on Landfill	1	7	0	11OCT11A	19OCT11A
260	Drum Removal	11	1	0	18OCT11A	18OCT11A
200	Backfill & Compact	3	17	0	25OCT11A	16NOV11A
160	Transportation & Disposal	3	2	0	03NOV11A	04NOV11A
170	Slab Restoration	3	5	0	14NOV11A	18NOV11A
180	Decon and Demobe Personnel & Equipment	1	1	0	18NOV11A	18NOV11A



Start Date	16AUG10
Finish Date	03OCT12
Data Date	01APR12
Run Date	05APR12 12:22

Early Bar
Progress Bar
Critical Activity

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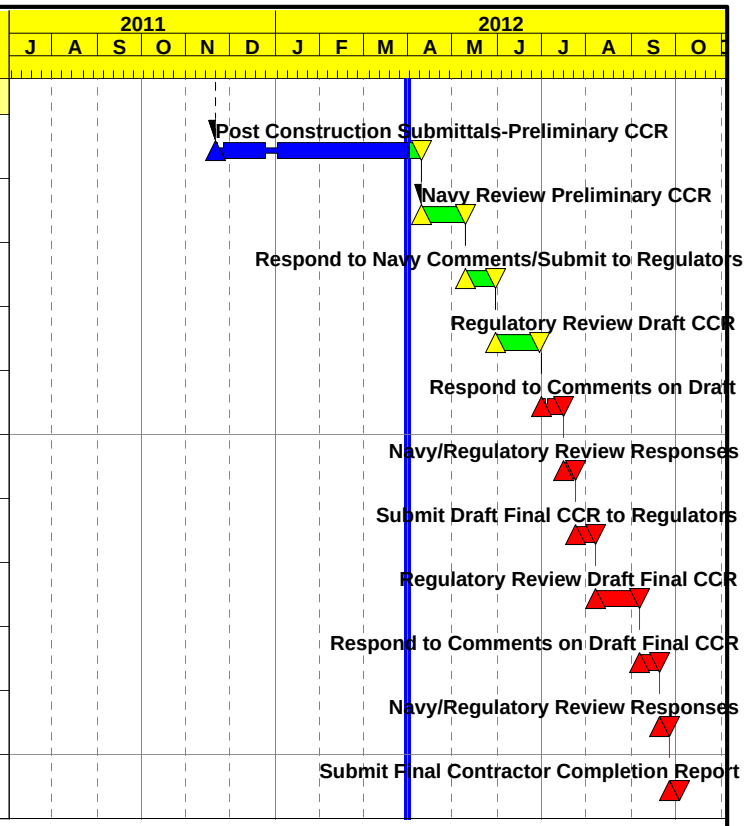
0312

Shaw Environmental & Infrastructure

WE21 - PSNY Kittery, Maine
IRA Site 30, Bldg 184

Shaw Project 139799

Activity ID	Activity Description	Orig Dur	Act Dur	Rem Dur	Early Start	Early Finish
WE21 - POST CONSTRUCTION						
190	Post Construction Submittals-Preliminary CCR	20	86	6	21NOV11A	09APR12
270	Navy Review Preliminary CCR	30	0	30	10APR12	09MAY12
280	Respond to Navy Comments/Submit to Regulators	15	0	15	10MAY12	30MAY12
290	Regulatory Review Draft CCR	30	0	30	31MAY12	29JUN12
300	Respond to Comments on Draft	10	0	10	02JUL12	16JUL12
310	Navy/Regulatory Review Responses	7	0	7	17JUL12	23JUL12
320	Submit Draft Final CCR to Regulators	10	0	10	24JUL12	06AUG12
330	Regulatory Review Draft Final CCR	30	0	30	07AUG12	05SEP12
340	Respond to Comments on Draft Final CCR	10	0	10	06SEP12	19SEP12
350	Navy/Regulatory Review Responses	7	0	7	20SEP12	26SEP12
360	Submit Final Contractor Completion Report	5	0	5	27SEP12	03OCT12



Start Date	16AUG10
Finish Date	03OCT12
Data Date	01APR12
Run Date	05APR12 12:22

0312

Shaw Environmental & Infrastructure

WE21 - PSNY Kittery, Maine
IRA Site 30, Bldg 184

Shaw Project 139799

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APPENDIX C

PHOTOGRAPHIC DOCUMENTATION

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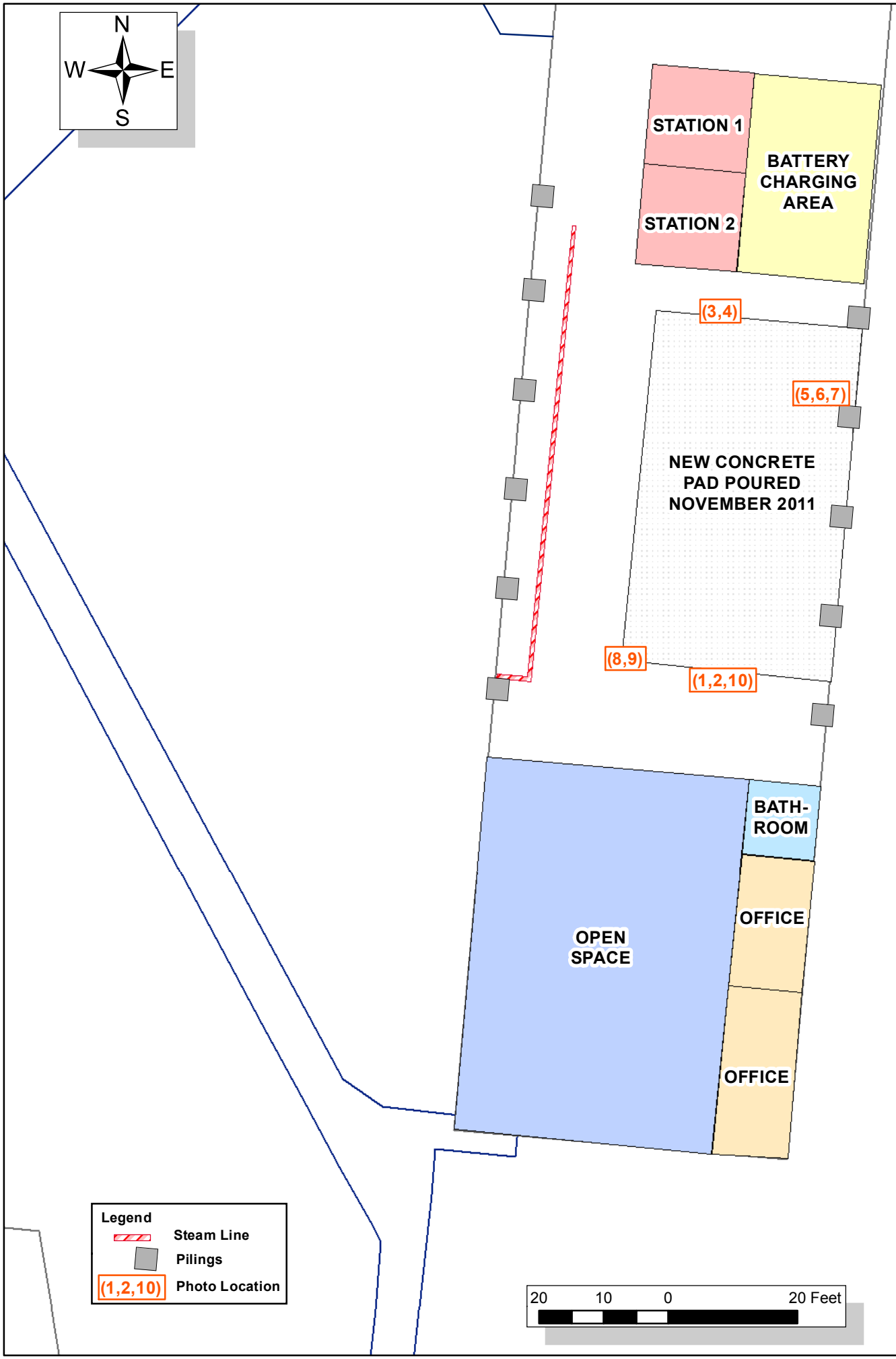

REV	DATE	APRV'D	DESCRIPTION/ISSUE
			REVISED FOR TECH MEMO

REVISIONS

Shaw Environmental & Infrastructure, Inc.
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500 East Main Street, Suite 1630
Norfolk, Virginia 23510

DESIGNED BY	MB	09/04/2011	09/04/2013
DRAWN BY	TA	09/04/2011	09/04/2013
CHECKED BY	MB		
APPROVED BY	FP		

DEPARTMENT OF NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVFAC Naval Facilities Engineering Command
PORTSMOUTH NAVAL SHIPYARD
KITTERY, MAINE

SITE 30

BUILDING 184 PHOTO LOCATION MAP

SCALE: AS SHOWN
SIZE: 1
CONTRACT TASK ORDER: WE21
CONTRACT NO.: N62470-08-D-1007
NAVFAC DRAWING NO.

FIGURE1

E:\N\Maine\Kittery\GIS\bldg184\SITE30_PhotoLocsCBI.mxd
Teresa Addis

Photographic Documentation

Client: NAVFAC Mid-Atlantic NE IPT
Project: Removal Action Site 30, Former Galvanizing Tank Vault
Location: Portsmouth Naval Shipyard, Kittery, Maine

Photograph 1:

Description:

Excavation of tank vault

Photograph 2:

Description:
Excavation of tank vault

Photographic Documentation

Client: NAVFAC Mid-Atlantic NE IPT
Project: Removal Action Site 30, Former Galvanizing Tank Vault
Location: Portsmouth Naval Shipyard, Kittery, Maine

Photograph 3:

Description:
Water inside tank vault

Photograph 4:

Description:
Removal of welding booths

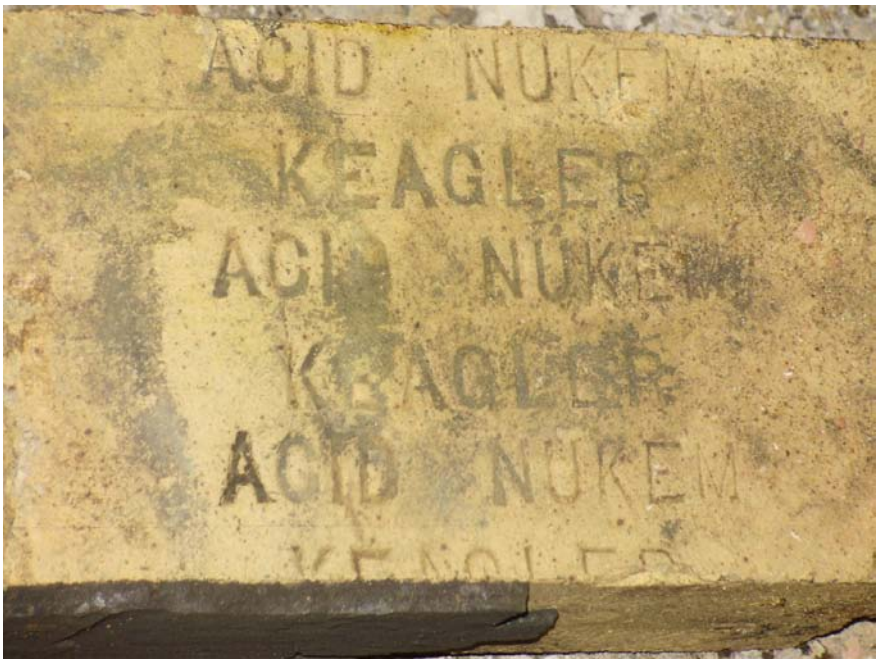
Photographic Documentation

Client: NAVFAC Mid-Atlantic NE IPT
Project: Removal Action Site 30, Former Galvanizing Tank Vault
Location: Portsmouth Naval Shipyard, Kittery, Maine

Photograph 5:

Description:
Removal of concrete pad

Photograph 6:



Description:
Brick lining the concrete vault

Photographic Documentation

Client: NAVFAC Mid-Atlantic NE IPT
Project: Removal Action Site 30, Former Galvanizing Tank Vault
Location: Portsmouth Naval Shipyard, Kittery, Maine

Photograph 7:

Description:
Brick lining the concrete vault

Photograph 8:

Description:
Completed excavation

Photographic Documentation

Client: NAVFAC Mid-Atlantic NE IPT
Project: Removal Action Site 30, Former Galvanizing Tank Vault
Location: Portsmouth Naval Shipyard, Kittery, Maine

Photograph 9:

Description:
Completed excavation

Photograph 10:

Description:
Completed excavation

APPENDIX D

QUALITY CONTROL DOCUMENTATION

1. ***Contractor Quality Control Reports***
2. ***Contractor Production Reports***
3. ***Requests for Information***
4. ***Variance Request***

Note: In an effort aimed at reducing both paper consumption and the physical size of this report, this Appendix is only included in the electronic file on the CD attached to this Completion Report.

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APPENDIX D
QUALITY CONTROL DOCUMENTATION

D1 - Contractor Quality Control Reports

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CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-001

Date 8/30/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☑	☐	Definable feature/s of work (see continuation page)
	THE SUBMITTALS HAVE BEEN APPROVED.	☑	☐	Reviewed SOW with Mill City Environmental Contractor Personnel Reviewed Basic Site Safety with Mill City. Mill City will be providing their own safety, Shaw will provide oversight for the site only. Mill City will provide the competent person, and take responsibility for all site safety and operations.
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☑	☐	
	MATERIALS STORED PROPERLY.	☐	☐	Asbestos Plan from Mill City was approved by Navy (Maine PWD) (Joe Lavoie) by a no response after comments addressed
	PRELIMINARY WORK WAS DONE CORRECTLY.	☑	☐	
	TESTING PLAN HAS BEEN REVIEWED.	☑	☐	Contractor provided certifications and safety programs for workers No testing for the ACM will be performed, Shipyard requested control of ACM and they will ensure disposal Contractor will provide third party air monitoring per Maine and Navy Requirements to ensure worker safety as described in their approved submittals
	WORK METHOD AND SCHEDULE DISCUSSED.	☑	☐	
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☑	☐	Attendees: Shaw - Fred Poulin Mill City - Crew
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☑	☐	Definable feature/s of work (see continuation page) — TESTING PERFORMED & WHO PERFORMED TEST
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐	Contractor began ACM removal according to submitted approved Plans. Testing of Air was conducted and is consistent with the approved plan.
	WORKMANSHIP IS SATISFACTORY	☑	☐	
	TEST RESULTS ARE ACCEPTABLE.	☑	☐	Contractor is completing work as requested in the SOW Contractor is completing work in a safe manor
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☑	☐	
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐	
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☑	☐	Definable feature/s of work (see continuation page) — TESTING PERFORMED & WHO PERFORMED TEST
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐	

Contractor continues ACM removal according to Submitted and Approved Plan and Shaw SOW
Work is being performed under the direction of the Contractor and not Shaw

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

Visitor Joe Lavoie

QC Specialist - Jon Ward — Date 8/30/2011

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

QC MANAGER - William Deane — DATE 8/30/2011

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-002

Date 8/31/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐	Definable feature/s of work (see continuation page)
	THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐	
	MATERIALS STORED PROPERLY.	☐	☐	
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐	
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐	
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐	
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐	
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☐	☐	Definable feature/s of work (see continuation page)
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐	
	WORKMANSHIP IS SATISFACTORY	☐	☐	
	TEST RESULTS ARE ACCEPTABLE.	☐	☐	
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☐	☐	
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐	
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☑	☐	Definable feature/s of work (see continuation page)
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐	

TESTING PERFORMED & WHO PERFORMED TEST

Contractor continues ACM removal according to Submitted and Approved Plan and Shaw SOW
Work is being performed under the direction of the Contractor and not Shaw

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

Visitor Joe Lavoie

QC Specialist - Jon Ward — Date 8/31/2011

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

QC MANAGER - William Deane — DATE 8/31/2011

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-003

Date 9/6/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐	Definable feature/s of work (see continuation page)
	THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐	
	MATERIALS STORED PROPERLY.	☐	☐	
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐	
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐	
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐	
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐	
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☐	☐	Definable feature/s of work (see continuation page)
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐	
	WORKMANSHIP IS SATISFACTORY	☐	☐	
	TEST RESULTS ARE ACCEPTABLE.	☐	☐	
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☐	☐	
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐	
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☐	☐	Definable feature/s of work (see continuation page)
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐	

TESTING PERFORMED & WHO PERFORMED TEST

TESTING PERFORMED & WHO PERFORMED TEST

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

Mobilization of Crew

QC Specialist - Jon Ward — Date 9/6/2011

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

QC MANAGER - William Deane — DATE 9/6/2011

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-004

Date 9/7/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐	Definable feature/s of work (see continuation page)
	THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐	See Continuation Sheet
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐	
	MATERIALS STORED PROPERLY.	☐	☐	
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐	
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐	
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐	
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐	
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☑	☐	Definable feature/s of work (see continuation page) — TESTING PERFORMED & WHO PERFORMED TEST
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐	Yates begins electrical disconnects of office and welding booth area
	WORKMANSHIP IS SATISFACTORY	☑	☐	Yates work is IAW with SOW
	TEST RESULTS ARE ACCEPTABLE.	☐	☐	Shaw personnel begin removing small items from work area
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☑	☐	Work is done according to the AHA and JSA for site setup
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐	
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☑	☐	Definable feature/s of work (see continuation page) — TESTING PERFORMED & WHO PERFORMED TEST
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐	Yates Electric completes disconnects of electrical equipment IAW with the SOW and Work Plan, demobilized from site

Shaw personnel continue removing items including metal, debris, and universal wastes from work foot print IAW with the Work Plan

Crews remove Universal Wastes and transfer to Building 357 as directed by Shipyard Personnel. 357 will dispose of the wastes per Shipyard SOP

Work is performed IAW with JSA and AHAs

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

Mobilization of Crew

QC Specialist - Jon Ward — Date 9/7/2011

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

QC MANAGER - William Deane — DATE 9/7/2011

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

CONTRACTOR QUALITY CONTROL REPORT CONTINUATION SHEET

Shaw Environmental, Inc. CONTRACT:N62470-02-D-3260 T.O. #

Report No. 139799-004

Date 9/7/2011

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

PHASE: PREPARATORY

(BLANK NOT APPLICABLE)	YES	NO
PLANS AND SPECS HAVE BEEN REVIEWED	☑	☐
THE SUBMITTALS HAVE BEEN APPROVED.	☑	☐
MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐
MATERIALS STORED PROPERLY.	☐	☐
PRELIMINARY WORK WAS DONE CORRECTLY.	☑	☐
TESTING PLAN HAS BEEN REVIEWED.	☐	☐
WORK METHOD AND SCHEDULE DISCUSSED.	☑	☐
JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☑	☐

IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT

Preparatory Phase Meeting for Site Setup

In Attendance

Fred Poulin
Jon Ward
Eugene Figueroa
Randall Hardy
Yates Electric

Plans and Specifications

Site 30 Work Plan (Including APP, QAPP, QCP) Approved by Navy
SOW Electrical Disconnect (Shaw - Awarded to Yates Electric)

Submittals

None

Materials

None

Preliminary Work

Initial Task, preliminary work was mobilization

Testing Plan

None

Work Method and Schedule

Crew was briefed on removal of office building, disconnecting of electrical services, staging area setup, office area setup, and site area setup outside of Building 184.
All removals will be done with small hand tools and manual removal. Electrical work will be done by Yates electric a licenses electrician
Additional non-described work including removal of universal wastes - Fluorescent bulbs and ballasts will be transferred to building 357 Activity for disposal

Activity Hazard Analysis

Reviewed AHA for Site Setup
Prepared JSA for Site Setup

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-005

Date 9/8/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐	Definable feature/s of work (see continuation page)
	THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐	
	MATERIALS STORED PROPERLY.	☐	☐	
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐	
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐	
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐	
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐	
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☐	☐	Definable feature/s of work (see continuation page)
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐	
	WORKMANSHIP IS SATISFACTORY	☐	☐	
	TEST RESULTS ARE ACCEPTABLE.	☐	☐	
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☐	☐	
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐	
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☑	☐	Definable feature/s of work (see continuation page)
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐	

TESTING PERFORMED & WHO PERFORMED TEST

Shaw personnel continue removing items including metal, debris, and universal wastes from work foot print IAW with the Work Plan. Construction Debris is disposed of in appropriate roll of container

Crews remove Universal Wastes and transfer to Building 357 as directed by Shipyard Personnel. 357 will dispose of the wastes per Shipyard SOP

Work is performed IAW with JSA and AHAs

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

9/8/2011

QC Specialist - Jon Ward Date

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

9/8/2011

QC MANAGER - William Deane DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY ASSURANCE MANAGER DATE

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-006

Date 9/9/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT	
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐	Definable feature/s of work (see continuation page)	
	THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐		
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐		
	MATERIALS STORED PROPERLY.	☐	☐		
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐		
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐		
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐		
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐		
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☐	☐	Definable feature/s of work (see continuation page)	TESTING PERFORMED & WHO PERFORMED TEST
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐		
	WORKMANSHIP IS SATISFACTORY	☐	☐		
	TEST RESULTS ARE ACCEPTABLE.	☐	☐		
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☐	☐		
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐		
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☑	☐	Definable feature/s of work (see continuation page)	TESTING PERFORMED & WHO PERFORMED TEST
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐		

Shaw personnel continue removing items including metal, debris, universal wastes, and office debris IAW with the Work Plan. Construction Debris is disposed of in appropriate roll of container

Crews remove Universal Wastes and transfer to Building 357 as directed by Shipyard Personnel. 357 will dispose of the wastes per Shipyard SOP

Work is performed IAW with JSA and AHAs

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

9/9/2011

QC Specialist - Jon Ward Date

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

9/9/2011

QC MANAGER - William Deane DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY ASSURANCE MANAGER DATE

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-007

Date 9/12/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐
	THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐
	MATERIALS STORED PROPERLY.	☐	☐
	PRELIMINARY WORK WAS DONE CORRECTLY.	☑	☐
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐
	WORK METHOD AND SCHEDULE DISCUSSED.	☑	☐
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☑	☐

IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT

Definable feature/s of work (see continuation page)

Preparatory Phase - Welding Booth Removal
Additional Non-Scope Work, concurred upon by Linda Cole via Concurrence letter. Includes removal of welding booths and small bathroom sitting on top of tank vault area.
There are no plans or specs for this area
There are no approved submittals for this area
There are no materials for this area
Preliminary Work was completed - Site Setup, area is free of electrical service
There is no testing plan for this work
Work methods - Removal will be mechanical with hand tools and the assistance of heavy equipment to move the downsized sections. Navy will provide roll offs for disposal, and will provide disposal service
JSA was created to detail the safety hazards of the event and all crew reviewed and signed off on.

Attendance:
Fred Poulin
Jon Ward
Eugene Figeuroa
Randal Hardy
Stanley Sinchak

PHASE		YES	NO
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☑	☐
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐
	WORKMANSHIP IS SATISFACTORY	☐	☐
	TEST RESULTS ARE ACCEPTABLE.	☐	☐
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☑	☐
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐

Definable feature/s of work (see continuation page)

Crews began removal of appurtenances to welding booths including lights, piping and ductwork. All materials are being placed in roll off containers for disposal by US Navy.

TESTING PERFORMED & WHO PERFORMED TEST

PHASE		YES	NO
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☑	☐
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐

Definable feature/s of work (see continuation page)

Removal of the office completed, this completes the site setup task as originally described

Work is ongoing for removal of welding booths

Work is performed IAW with JSA and AHAs

TESTING PERFORMED & WHO PERFORMED TEST

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

9/12/2011
QC Specialist - Jon Ward Date

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

9/12/2011
QC MANAGER - William Deane DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY ASSURANCE MANAGER DATE

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-008

Date 9/13/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT	
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐	Definable feature/s of work (see continuation page)	
	THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐		
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐		
	MATERIALS STORED PROPERLY.	☐	☐		
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐		
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐		
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐		
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐		
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☑	☐	Definable feature/s of work (see continuation page)	TESTING PERFORMED & WHO PERFORMED TEST
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐		
	WORKMANSHIP IS SATISFACTORY	☐	☐		
	TEST RESULTS ARE ACCEPTABLE.	☐	☐		
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☐	☐		
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐		
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☑	☐	Definable feature/s of work (see continuation page)	TESTING PERFORMED & WHO PERFORMED TEST
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐		

Work is ongoing for removal of welding booths, metal debris is removed utilizing heavy equipment and placed in Navy provided roll offs

Work is performed IAW with JSA and AHAs

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

9/13/2011

QC Specialist - Jon Ward Date

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

9/13/2011

QC MANAGER - William Deane DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY ASSURANCE MANAGER DATE

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-009

Date 9/14/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐	Definable feature/s of work (see continuation page)
	THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐	
	MATERIALS STORED PROPERLY.	☐	☐	
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐	
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐	
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐	
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐	
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☑	☐	Definable feature/s of work (see continuation page)
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐	
	WORKMANSHIP IS SATISFACTORY	☐	☐	
	TEST RESULTS ARE ACCEPTABLE.	☐	☐	
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☐	☐	
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐	
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☑	☐	Definable feature/s of work (see continuation page)
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐	

TESTING PERFORMED & WHO PERFORMED TEST

Work is ongoing for removal of welding booths, metal debris is removed utilizing heavy equipment and placed in Navy provided roll offs

Work is performed IAW with JSA and AHAs

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

QC Specialist - Jon Ward — Date 9/14/2011

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QC MANAGER - William Deane — DATE 9/14/2011

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-010

Date 9/15/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT
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	THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐	
	MATERIALS STORED PROPERLY.	☐	☐	
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐	
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐	
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐	
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐	
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☐	☐	Definable feature/s of work (see continuation page)
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐	
	WORKMANSHIP IS SATISFACTORY	☐	☐	
	TEST RESULTS ARE ACCEPTABLE.	☐	☐	
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☐	☐	
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐	
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☑	☐	Definable feature/s of work (see continuation page)
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐	

TESTING PERFORMED & WHO PERFORMED TEST

Completed removing welding booths and transporting to DRMO
Began removing fixtures in bathroom to be removed

Work is performed IAW with JSA and AHAs

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

QC Specialist - Jon Ward — Date 9/15/2011

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QC MANAGER - William Deane — DATE 9/15/2011

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GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-011

Date 9/16/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐	Definable feature/s of work (see continuation page)
	THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐	
	MATERIALS STORED PROPERLY.	☐	☐	
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐	
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐	
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐	
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INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☐	☐	Definable feature/s of work (see continuation page)
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	WORKMANSHIP IS SATISFACTORY	☐	☐	
	TEST RESULTS ARE ACCEPTABLE.	☐	☐	
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☐	☐	
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐	
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☑	☐	Definable feature/s of work (see continuation page)
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐	

TESTING PERFORMED & WHO PERFORMED TEST

Berwick Iron and Metal Recycling removed the 60 yard steel recycling roll-off to an authorized recycling facility under Navy direction. Shaw is not responsible for cost or disposition of this material
The navy has requested the use of the northern section of the DRMO. As specified in the meeting with the Navy and under the direction of the RPM, Shaw moved all material and equipment to the Southern side of the DRMO.
Steam lines in existing utility trench that crossed over concrete pad were isolated for removal.

Work is performed IAW with JSA and AHAs

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

9/16/2011

QC Specialist - Jon Ward Date

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9/16/2011

QC MANAGER - William Deane DATE

GOVERNMENT QUALITY ASSURANCE REPORT

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

GOVERNMENT QUALITY ASSURANCE MANAGER DATE

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-012

Date 9/19/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT	
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐	Definable feature/s of work (see continuation page)	
	THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐		
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐		
	MATERIALS STORED PROPERLY.	☐	☐		
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐		
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐		
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐		
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐		
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☐	☐	Definable feature/s of work (see continuation page)	TESTING PERFORMED & WHO PERFORMED TEST
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐		
	WORKMANSHIP IS SATISFACTORY	☐	☐		
	TEST RESULTS ARE ACCEPTABLE.	☐	☐		
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☐	☐		
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐		
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☑	☐	Definable feature/s of work (see continuation page)	TESTING PERFORMED & WHO PERFORMED TEST
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐		

Weekly QC meeting held in building 184 at 1000 hrs
Items discussed are in the meeting minutes

Attendees:
Jon Ward
Fred Poulin
Joe Lavoie
Matt Thyng

Completed the demolition of the small bathroom
and transported construction waste to the dumpster located at the DRMO.
Hager-Richter Environmental performed utility location.
Work is performed IAW with RAWP
Work is performed safely, JSAs were prepared and updated as conditions warranted

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

9/19/2011
QC Specialist - Jon Ward Date

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9/19/2011
QC MANAGER - William Deane DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY ASSURANCE MANAGER DATE

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-013

Date 9/20/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐	Definable feature/s of work (see continuation page)
	THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐	See Continuation Sheet
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐	
	MATERIALS STORED PROPERLY.	☐	☐	
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐	
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐	
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐	
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐	
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☑	☐	Definable feature/s of work (see continuation page)
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐	Utilities location performed by Hager-Richter Environmental prior to work start
	WORKMANSHIP IS SATISFACTORY	☑	☐	Began relief cuts in pad with walk behind saw. Cuts are executed according to the preparatory phase discussion and are consistent with the intent of the action.
	TEST RESULTS ARE ACCEPTABLE.	☐	☐	Work is performed with proper PPE and all conditions are described appropriatly in the JSA.
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☑	☐	
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐	
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☑	☐	Definable feature/s of work (see continuation page)
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐	

TESTING PERFORMED & WHO PERFORMED TEST

TESTING PERFORMED & WHO PERFORMED TEST

Completed cells for lay down area at DRMO

Crews continued relif cuts in the concrete flooring. Work is done IAW with RAWP, and all activities are presented accuratley in the JSA.

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

QC Specialist - Jon Ward — Date 9/20/2011

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QC MANAGER - William Deane — DATE 9/20/2011

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

CONTRACTOR QUALITY CONTROL REPORT CONTINUATION SHEET

Shaw Environmental, Inc. CONTRACT:N62470-02-D-3260 T.O. #

Report No. 139799-013

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

Date 9/20/2011

PHASE: PREPARATORY

(BLANK NOT APPLICABLE)	YES	NO
PLANS AND SPECS HAVE BEEN REVIEWED	☑	☐
THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐
MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐
MATERIALS STORED PROPERLY.	☐	☐
PRELIMINARY WORK WAS DONE CORRECTLY.	☑	☐
TESTING PLAN HAS BEEN REVIEWED.	☑	☐
WORK METHOD AND SCHEDULE DISCUSSED.	☑	☐
JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☑	☐

IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT

Preparatory Phase Meeting for Tank Lid Removal

In Attendance

Fred Poulin
Jon Ward
Eugene Figueroa
Randall Hardy
Stanley Sinchak
James Kinley
Joe Lavoie

Plans and Specifications

Site 30 Work Plan (Including APP, QAPP, QCP) Approved by Navy
SOW utilities location (Hager-Richter Environmental)

Submittals

None

Materials

None

Preliminary Work

Site setup and Welding booth/small bathroom removal completed
all items have been cleared from the concrete pad
Utility Location - Hager-Richter Environmental
Concrete Holding Cell at DRMO Yard - Constructed IAW RAWP

Testing Plan

One waste characterization sample will be collected from the staging area at the DRMO IAW the SAP and RAWP

Work Method and Schedule

Discussed with crew the location (along perimeter of concrete lid) and depth (6 inches) of relif cuts in the concrete lid
Once cuts are made, they will provide relief and deter damage from the hammering actions on the adjacent slab
Concrete will be removed with a pnumatic hammer attachement attached to a bobcat. Pieces will be broken into small manageable sections and loaded into the loader bucket and transported to the DRMO Storage Yard. Prior to transportation, the loaded bucket will be covered to prevent any migration of material from the bucket during the transportation.
Air Monitoring will be performed during all operations when a machine is inside of building, utilizing a 4 gas LEL meter set on alarm mode to alert crews to a decrease in oxygen or an increase in hazardous chemicals. Fans will be moving air thru building to increase air flow and introduce fresh air at all times.
Material will be stored in DRMO Storage yard holding cell previously constructed.

Activity Hazard Analysis

Reviewed AHA for Tank Lid Removal
Prepared JSA for Tank Lid Removal
PPE is Level D
Water will be utilized during concrete cutting to elimiate a dust inhallation potential

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-014

Date 9/21/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐	Definable feature/s of work (see continuation page)
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	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐	
	MATERIALS STORED PROPERLY.	☐	☐	
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐	
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐	
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐	
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐	
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☑	☐	Definable feature/s of work (see continuation page)
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐	
	WORKMANSHIP IS SATISFACTORY	☑	☐	Began breaking up the concrete pad with a hoe ram attachment on the skid steer. Air monitoring was conducted during activities.
	TEST RESULTS ARE ACCEPTABLE.	☐	☐	
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☑	☐	
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐	
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☑	☐	Definable feature/s of work (see continuation page)
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐	

TESTING PERFORMED & WHO PERFORMED TEST

Crew completed relief cuts in the concrete flooring. All hazards were accurately represented in the JSA
Work is done IAW with RAWP

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

QC Specialist - Jon Ward — Date 9/21/2011

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QC MANAGER - William Deane — DATE 9/21/2011

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-015

Date 9/22/2011

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	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐		
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐		
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐		
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐		
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☐	☐	Definable feature/s of work (see continuation page)	TESTING PERFORMED & WHO PERFORMED TEST
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FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☑	☐	Definable feature/s of work (see continuation page)	TESTING PERFORMED & WHO PERFORMED TEST
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐		

continued breaking up the concrete pad with a hoe ram attachment on the skid steer.
air monitoring was conducted during activities
Work is done IAW with RAWP

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

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CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-016

Date 9/23/2011

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	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐	
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐	
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☑	☐	Definable feature/s of work (see continuation page)
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐	Began staging the concrete for transportation to the DRMO.
	WORKMANSHIP IS SATISFACTORY	☑	☐	Any crystalline growth was documented with a red-line drawing.
	TEST RESULTS ARE ACCEPTABLE.	☐	☐	Began transporting the concrete to the DRMO. The bucket was covered with geotextile and there was no crowning.
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☑	☐	
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐	
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☑	☐	Definable feature/s of work (see continuation page)
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐	

TESTING PERFORMED & WHO PERFORMED TEST

TESTING PERFORMED & WHO PERFORMED TEST

Completed breaking up the concrete pad with a hoe ram attachment on the skid steer.
Air monitoring was conducted during activities.
Work is done IAW with RAWP.

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

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GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-017

Date 9/26/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT
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	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐	
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	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐	
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FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☑	☐	Definable feature/s of work (see continuation page)
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐	

TESTING PERFORMED & WHO PERFORMED TEST

Continued to stage the concrete for transportation.
Any crystalline growth was documented on a red-line drawing.

Continued to transport the concrete to the DRMO.
The bucket was covered with geotextile and there was no crowning.

Air monitoring was conducted during activities.
Work is done IAW with RAWP.

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

QC Specialist - Jon Ward — Date 9/26/2011

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

QC MANAGER - William Deane — DATE 9/26/2011

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-018

Date 9/27/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐	Definable feature/s of work (see continuation page)
	THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐	see continuation sheet
	MATERIALS STORED PROPERLY.	☐	☐	
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐	
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐	
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐	
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐	
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☑	☐	Definable feature/s of work (see continuation page)
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐	Began Excavation of backfill and transporting to cell at DRMO.
	WORKMANSHIP IS SATISFACTORY	☑	☐	Geotextile was used to cover the loader bucket.
	TEST RESULTS ARE ACCEPTABLE.	☐	☐	The bucket showed no crowning.
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☑	☐	
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐	
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☑	☐	Definable feature/s of work (see continuation page)
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐	

TESTING PERFORMED & WHO PERFORMED TEST

TESTING PERFORMED & WHO PERFORMED TEST

Completed removing the concrete pad and transporting to the DRMO.
The bucket was covered with geotextile and there was no crowning.

Air monitoring was conducted during activities.
Work is done IAW with RAWP.

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

QC Specialist - Jon Ward — Date 9/27/2011

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

QC MANAGER - William Deane — DATE 9/27/2011

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

CONTRACTOR QUALITY CONTROL REPORT CONTINUATION SHEET

Shaw Environmental, Inc. CONTRACT:N62470-02-D-3260 T.O. #

Report No. 139799-018

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

Date 9/27/2011

PHASE

PREPARATORY

(BLANK NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT
PLANS AND SPECS HAVE BEEN REVIEWED	☑	☐	Preparatory Phase Meeting for Excavation
THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐	**In Attendance**
MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐	Fred Poulin
MATERIALS STORED PROPERLY.	☐	☐	Jon Ward
PRELIMINARY WORK WAS DONE CORRECTLY.	☑	☐	Eugene Figueroa
TESTING PLAN HAS BEEN REVIEWED.	☑	☐	Randall Hardy
WORK METHOD AND SCHEDULE DISCUSSED.	☑	☐	Stanley Sinchak
JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☑	☐	James Kinley
			Joe Lavoie

Plans and Specifications

Site 30 Work Plan (Including APP, QAPP, QCP) Approved by Navy

Submittals

None

Materials

None

Preliminary Work

Site setup and Welding booth/small bathroom removal completed
Concrete pad has been removed and transported to the DRMO
Utility Location - Hager-Richter Environmental
Backfill Holding Cell at DRMO Yard - Constructed IAW RAWP

Testing Plan

One waste characterization sample per 100 cyd of backfill (3 total) will be collected from the staging area at the DRMO
The testing will be completed IAW the RAWP and the SAP

Work Method and Schedule

Discussed with crew the methods of excavation, the edge of the backfill along the brick and a 1 foot lift will be excavated and staged in a separate cell due to it showing signs of staining.
The backfill will be staged in 100 cyd cells at the DRMO and tested IAW the RAWP and the SAP.
The backfill will be transported to the DRMO using the loader. The bucket will be covered with geotextile and there will be no crowning.
Caution tape will be placed around excavation area.
Air Monitoring will be performed during all operations when a machine is inside of building, utilizing a 4 gas LEL meter set on alarm mode to alert crews to a decrease in oxygen or an increase in hazardous chemicals. Fans will be moving air thru building to increase air flow and introduce fresh air at all times.
Material will be stored in DRMO Storage yard holding cell previously constructed.

Activity Hazard Analysis

Reviewed AHA for Excavation
Prepared JSA for Excavation
PPE is Level D

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-019

Date 9/28/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐	Definable feature/s of work (see continuation page)
	THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐	
	MATERIALS STORED PROPERLY.	☐	☐	
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐	
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐	
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐	
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐	
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☐	☐	Definable feature/s of work (see continuation page)
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐	
	WORKMANSHIP IS SATISFACTORY	☐	☐	
	TEST RESULTS ARE ACCEPTABLE.	☐	☐	
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☐	☐	
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐	
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☑	☐	Definable feature/s of work (see continuation page)
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐	

TESTING PERFORMED & WHO PERFORMED TEST

Continued excavation of the soil in the Vault. Transported the soil to the DRMO using the loader.
Any soil showing signs of staining will be segregated. Geotextile is used to cover the loader bucket.
No material crowned over the sides during loading.
Air monitoring was conducted during activities.
Work is done IAW with RAWP.

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

9/28/2011

QC Specialist - Jon Ward Date

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

9/28/2011

QC MANAGER - William Deane DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY ASSURANCE MANAGER DATE

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-020

Date 9/29/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐	Definable feature/s of work (see continuation page)
	THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐	
	MATERIALS STORED PROPERLY.	☐	☐	
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐	
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐	
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐	
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐	
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☐	☐	Definable feature/s of work (see continuation page)
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐	
	WORKMANSHIP IS SATISFACTORY	☐	☐	
	TEST RESULTS ARE ACCEPTABLE.	☐	☐	
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☐	☐	
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐	
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☑	☐	Definable feature/s of work (see continuation page)
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐	

TESTING PERFORMED & WHO PERFORMED TEST

Continued excavation of the soil in Vault and Transporting to cells at the DRMO.
Stained soils are segregated from unstained soil to manage T&D more appropriately

Soil was transported to the DRMO in the Wheeled Loader, material was covered with geotextile to avoid spillage and there was no crowning over the buket.
Air monitoring was conducted during activities.
Work is done IAW with RAWP.

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

QC Specialist - Jon Ward — Date 9/29/2011

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

QC MANAGER - William Deane — DATE 9/29/2011

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-021

Date 9/30/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐	Definable feature/s of work (see continuation page)
	THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐	
	MATERIALS STORED PROPERLY.	☐	☐	
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐	
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐	
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐	
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐	
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☐	☐	Definable feature/s of work (see continuation page)
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐	
	WORKMANSHIP IS SATISFACTORY	☐	☐	
	TEST RESULTS ARE ACCEPTABLE.	☐	☐	
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☐	☐	
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐	
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☑	☐	Definable feature/s of work (see continuation page)
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐	

TESTING PERFORMED & WHO PERFORMED TEST

Jon Ward performed one waste characterization sample for the concrete pad in a cell at the DRMO.

Jon Ward performed one waste characterization sample for the excavated soil in a cell at the DRMO.

All testing was done IAW the RAWP including the SAP.
samples were sent to Accutest Labs.

Continued excavation of the soil in Vault and Transporting to cells at the DRMO.
Stained soils are segregated from unstained soil to manage T&D more appropriately

Soil was transported to the DRMO in the Wheeled Loader, material was covered with geotextile to avoid spillage and there was no crowning over the bucket.
Air monitoring was conducted during activities.
Work is done IAW with RAWP.

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

QC Specialist - Jon Ward — Date 9/30/2011

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

QC MANAGER - William Deane — DATE 9/30/2011

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-022

Date 10/3/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐	Definable feature/s of work (see continuation page)
	THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐	
	MATERIALS STORED PROPERLY.	☐	☐	
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐	
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐	
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐	
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐	
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☐	☐	Definable feature/s of work (see continuation page)
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐	
	WORKMANSHIP IS SATISFACTORY	☐	☐	
	TEST RESULTS ARE ACCEPTABLE.	☐	☐	
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☐	☐	
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐	
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☑	☐	Definable feature/s of work (see continuation page)
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐	

TESTING PERFORMED & WHO PERFORMED TEST

Continued excavation of the soil in Vault and Transporting to cells at the DRMO.
Stained soils are segregated from unstained soil to manage T&D more appropriately

Soil was transported to the DRMO in the Wheeled Loader, material was covered with geotextile to avoid spillage and there was no crowning over the bucket.
Air monitoring was conducted during activities.
Work is done IAW with RAWP.

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

QC Specialist - Jon Ward — Date 10/3/2011

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

QC MANAGER - William Deane — DATE 10/3/2011

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-023

Date 10/4/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐	Definable feature/s of work (see continuation page)
	THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐	
	MATERIALS STORED PROPERLY.	☐	☐	
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐	
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐	
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐	
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐	
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☐	☐	Definable feature/s of work (see continuation page)
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐	
	WORKMANSHIP IS SATISFACTORY	☐	☐	
	TEST RESULTS ARE ACCEPTABLE.	☐	☐	
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☐	☐	
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐	
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☑	☐	Definable feature/s of work (see continuation page)
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐	

TESTING PERFORMED & WHO PERFORMED TEST

Completed excavation of the soil in Vault and Transporting to cells at the DRMO.
Stained soils are segregated from unstained soil to manage T&D more appropriately

Soil was transported to the DRMO in the Wheeled Loader, material was covered with geotextile to avoid spillage and there was no crowning over the bucket.
Air monitoring was conducted during activities.
Work is done IAW with RAWP.

Washed floor in preparation for photographic recordation. Drummed waste water. This completes the excavation task for the project.

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

QC Specialist - Jon Ward — Date 10/4/2011

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

QC MANAGER - William Deane — DATE 10/4/2011

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-024

Date 10/5/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐	Definable feature/s of work (see continuation page)
	THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐	See attached
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐	
	MATERIALS STORED PROPERLY.	☐	☐	
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐	
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐	
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐	
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐	
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☑	☐	Definable feature/s of work (see continuation page)
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐	Tank Was cleaned properly prior to work. Cultural Resources and Base Historian were onsite to direct locations and inspect photographers work
	WORKMANSHIP IS SATISFACTORY	☑	☐	
	TEST RESULTS ARE ACCEPTABLE.	☐	☐	Work is done safely and with the intent of the recordation. Pictures were taken IAW the National Historic Photo policy.
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☑	☐	
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐	
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☑	☐	Definable feature/s of work (see continuation page)
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐	

TESTING PERFORMED & WHO PERFORMED TEST

Photos were completed in accordance with the National Historic Photo Policy and turned over to the Base Cultural Historian for approval.

Crew perfroms housekeeping at DRMO Yard and Qtrs S&N

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

QC Specialist - Jon Ward — Date 10/5/2011

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

QC MANAGER - William Deane — DATE 10/5/2011

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

CONTRACTOR QUALITY CONTROL REPORT CONTINUATION SHEET

Shaw Environmental, Inc. CONTRACT:N62470-02-D-3260 T.O. #

Report No. 139799-024a

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

Date 10/5/2011

PHASE: PREPARATORY

(BLANK NOT APPLICABLE)	YES	NO
PLANS AND SPECS HAVE BEEN REVIEWED	☑	☐
THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐
MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐
MATERIALS STORED PROPERLY.	☐	☐
PRELIMINARY WORK WAS DONE CORRECTLY.	☑	☐
TESTING PLAN HAS BEEN REVIEWED.	☑	☐
WORK METHOD AND SCHEDULE DISCUSSED.	☑	☐
JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☑	☐

IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT

Preparatory Phase Meeting for Excavation

In Attendance

Bill Deane
Robert Tucher
Kerry Vautrot

Plans and Specifications

Site 30 Work Plan (Including APP, QAPP, QCP) Approved by Navy
National Historic Register Photographic Documentation / Historic American Buildings Survey / Historical American Engineering Record

Submittals

None

Materials

Film

Preliminary Work

Tank Excavated and brick cleaned, silt and soil removed
Construction equipment removed from fore and background of pictures

Testing Plan

N/A

Work Method and Schedule

Jim Dolph and Kerry Vautrot directed the Photographer on shot location
Photographer will provide both film and digital shots where directed
Once completed, all film and memory cards will be transferred to Kerry V. for storage and approval by PIO
Once photos are approved, film will be shipped by Shaw to Mr. Tucher for processing and provided to Shaw for deliverable to Navy.

Activity Hazard Analysis

Reviewed Safety on site.
Reveiewed fall safety
PPE is Level D

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-025

Date 10/6/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐	Definable feature/s of work (see continuation page)
	THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐	
	MATERIALS STORED PROPERLY.	☐	☐	
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐	
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐	
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐	
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐	
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☐	☐	Definable feature/s of work (see continuation page)
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐	
	WORKMANSHIP IS SATISFACTORY	☐	☐	
	TEST RESULTS ARE ACCEPTABLE.	☐	☐	
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☐	☐	
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐	
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☑	☐	Definable feature/s of work (see continuation page)
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐	

TESTING PERFORMED & WHO PERFORMED TEST

Tank walls cleaned with hose and coarse broom. Awaiting decisions on dispostion of brick, concrete walls and backfill

QC meeting held today, see minutes

Code 357 picked up 12 drums of water removed from contents and will dispose of.

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

10/6/2011

QC Specialist - Jon Ward Date

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

10/6/2011

QC MANAGER - William Deane DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY ASSURANCE MANAGER DATE

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-026

Date 10/7/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT	
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐	Definable feature/s of work (see continuation page)	
	THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐		
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐		
	MATERIALS STORED PROPERLY.	☐	☐		
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐		
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐		
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐		
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐		
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☐	☐	Definable feature/s of work (see continuation page)	TESTING PERFORMED & WHO PERFORMED TEST
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐		
	WORKMANSHIP IS SATISFACTORY	☐	☐		
	TEST RESULTS ARE ACCEPTABLE.	☐	☐		
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☐	☐		
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐		
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☑	☐	Definable feature/s of work (see continuation page)	TESTING PERFORMED & WHO PERFORMED TEST
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐		

Performed bin management at the DRMO.

Awaiting decisions on disposition of brick, concrete, walls and backfill.

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

QC Specialist - Jon Ward — Date 10/7/2011

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

QC MANAGER - William Deane — DATE 10/7/2011

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-027

Date 10/11/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐	Definable feature/s of work (see continuation page)
	THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐	
	MATERIALS STORED PROPERLY.	☐	☐	
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐	
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐	
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐	
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐	
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☐	☐	Definable feature/s of work (see continuation page)
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐	
	WORKMANSHIP IS SATISFACTORY	☐	☐	
	TEST RESULTS ARE ACCEPTABLE.	☐	☐	
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☐	☐	
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐	
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☑	☐	Definable feature/s of work (see continuation page)
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐	

TESTING PERFORMED & WHO PERFORMED TEST

Installed barrier blocks around landfill parking lot. Placed geotextile prior to placing the blocks.

Awaiting decisions on disposition of brick, concrete, walls and backfill.

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

QC Specialist - Jon Ward — Date 10/11/2011

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QC MANAGER - William Deane — DATE 10/11/2011

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-028

Date 10/12/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐	Definable feature/s of work (see continuation page)
	THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐	
	MATERIALS STORED PROPERLY.	☐	☐	
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐	
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐	
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐	
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐	
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☐	☐	Definable feature/s of work (see continuation page)
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐	
	WORKMANSHIP IS SATISFACTORY	☐	☐	
	TEST RESULTS ARE ACCEPTABLE.	☐	☐	
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☐	☐	
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐	
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☑	☐	Definable feature/s of work (see continuation page)
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐	

TESTING PERFORMED & WHO PERFORMED TEST

Continued installation of barrier blocks around landfill parking lot.
Placed geotextile and 4 inch stone prior to placing the blocks.

Awaiting decisions on disposition of brick, concrete, walls and backfill.

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

QC Specialist - Jon Ward — Date 10/12/2011

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QC MANAGER - William Deane — DATE 10/12/2011

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-029

Date 10/13/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT	
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐	Definable feature/s of work (see continuation page)	
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	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐		
	MATERIALS STORED PROPERLY.	☐	☐		
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐		
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐		
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐		
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐		
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☐	☐	Definable feature/s of work (see continuation page)	TESTING PERFORMED & WHO PERFORMED TEST
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐		
	WORKMANSHIP IS SATISFACTORY	☐	☐		
	TEST RESULTS ARE ACCEPTABLE.	☐	☐		
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☐	☐		
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐		
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☑	☐	Definable feature/s of work (see continuation page)	TESTING PERFORMED & WHO PERFORMED TEST
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐		

Continued installation of barrier blocks around landfill parking lot.
Placed geotextile and 4 inch stone prior to placing the blocks.

QC meeting held today, see minutes.

Awaiting decisions on disposition of brick, concrete, walls and backfill.

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

10/13/2011

QC Specialist - Jon Ward Date

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

10/13/2011

QC MANAGER - William Deane DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY ASSURANCE MANAGER DATE

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-030

Date 10/14/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐	Definable feature/s of work (see continuation page)
	THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐	
	MATERIALS STORED PROPERLY.	☐	☐	
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐	
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐	
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐	
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐	
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☐	☐	Definable feature/s of work (see continuation page) — TESTING PERFORMED & WHO PERFORMED TEST
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐	
	WORKMANSHIP IS SATISFACTORY	☐	☐	
	TEST RESULTS ARE ACCEPTABLE.	☐	☐	
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☐	☐	
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐	
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☑	☐	Definable feature/s of work (see continuation page) — TESTING PERFORMED & WHO PERFORMED TEST
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐	

Continued installation of barrier blocks around landfill parking lot.
Placed geotextile and 4 inch stone prior to placing the blocks.

Awaiting decisions on disposition of brick, concrete, walls and backfill.

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

QC Specialist - Jon Ward — Date 10/14/2011

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QC MANAGER - William Deane — DATE 10/14/2011

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-031

Date 10/17/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐	Definable feature/s of work (see continuation page)
	THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐	
	MATERIALS STORED PROPERLY.	☐	☐	
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐	
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐	
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐	
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐	
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☐	☐	Definable feature/s of work (see continuation page)
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐	
	WORKMANSHIP IS SATISFACTORY	☐	☐	
	TEST RESULTS ARE ACCEPTABLE.	☐	☐	
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☐	☐	
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐	
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☑	☐	Definable feature/s of work (see continuation page)
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐	

TESTING PERFORMED & WHO PERFORMED TEST

Continued installation of barrier blocks around landfill parking lot.
Placed geotextile and 4 inch stone prior to placing the blocks.
Avoided placing blocks near parked vehicles.

Awaiting decisions on disposition of brick, concrete, walls and backfill.

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

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REMARKS:

QC Specialist - Jon Ward — Date 10/17/2011

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QC MANAGER - William Deane — DATE 10/17/2011

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-032

Date 10/18/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐	Definable feature/s of work (see continuation page)
	THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐	see continuation sheet
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐	
	MATERIALS STORED PROPERLY.	☐	☐	
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐	
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐	
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐	
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐	
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☑	☐	Definable feature/s of work (see continuation page)
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐	Removed one drum from CIA using the skid steer. Personnel were in level B during activities. Air monitoring was used during activities. Any soil showing discoloration was placed in the over pack.
	WORKMANSHIP IS SATISFACTORY	☑	☐	
	TEST RESULTS ARE ACCEPTABLE.	☐	☐	Work was performed IAW submittal-003
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☑	☐	
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐	
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☑	☐	Definable feature/s of work (see continuation page)
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐	

TESTING PERFORMED & WHO PERFORMED TEST

TESTING PERFORMED & WHO PERFORMED TEST

Continued installation of barrier blocks around landfill parking lot.
Placed geotextile and 4 inch stone prior to placing the blocks.
Avoided placing blocks near parked vehicles.

Awaiting decisions on disposition of brick, concrete, walls and backfill.

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

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REMARKS:

QC Specialist - Jon Ward — Date 10/18/2011

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QC MANAGER - William Deane — DATE 10/18/2011

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

CONTRACTOR QUALITY CONTROL REPORT CONTINUATION SHEET

Shaw Environmental, Inc. CONTRACT:N62470-02-D-3260 T.O. #

Report No. 139799-032a

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

Date 10/18/2011

PHASE: PREPARATORY

(BLANK NOT APPLICABLE)	YES	NO
PLANS AND SPECS HAVE BEEN REVIEWED	☑	☐
THE SUBMITTALS HAVE BEEN APPROVED.	☑	☐
MATERIALS COMPLY WITH APPROVED SUBMITTALS	☑	☐
MATERIALS STORED PROPERLY.	☑	☐
PRELIMINARY WORK WAS DONE CORRECTLY.	☑	☐
TESTING PLAN HAS BEEN REVIEWED.	☐	☐
WORK METHOD AND SCHEDULE DISCUSSED.	☑	☐
JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☑	☐

IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT

Preparatory Phase Meeting for Drum Removal

In Attendance

Jon Ward
Fred Poulin
Jim Kinley
Eugene Figueroa
Joe Lavoie

Plans and Specifications

Site 30 Work Plan (Including APP, QAPP, QCP) Approved by Navy
Addendum to the SSHSP for site 30
AHA for Drum Removal

Submittals

Submittal-003/Addendum to the SSHSP and AHA for drum removal

Materials

Supplied air respirators, compressed breathing air tanks, 100' air hoses, poly coated Tyvek, nitrile gloves, poly booties

Preliminary Work

All proper PPE was ordered and is onsite. Fit test of employees in level B was performed using smoke irritant
Supplied air masks and air hoses were inspected for damages. Breathing air tanks were secured in the pickup truck.
Required submittals were approved.
PID and LEL were calibrated

Testing Plan

N/A

Work Method and Schedule

Two personnel will take the pickup truck with supplies to the activity area. A third person will follow in the skid steer.
Once in place two personnel will don Level B PPE and perform checks to ensure that their supplies air masks work correctly.
The two personnel will enter the excavation area with a PID and LEL and perform air monitoring throughout the activity.
They will uncover one drum and place in a over pack. Once in the over pack the personnel will rig straps to the over pack and skid steer and drag the over pack out of the excavation. The personnel will then downgrade PPE to level D and secure the over pack to the skid steer. The area will then be cleaned and the over packed drum will be transported to building 357 using the skid steer.

Activity Hazard Analysis

Reviewed AHA for Drum Removal
PPE is Level B

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-033

Date 10/19/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐	Definable feature/s of work (see continuation page)
	THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐	
	MATERIALS STORED PROPERLY.	☐	☐	
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐	
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐	
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐	
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐	
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☐	☐	Definable feature/s of work (see continuation page)
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐	
	WORKMANSHIP IS SATISFACTORY	☐	☐	
	TEST RESULTS ARE ACCEPTABLE.	☐	☐	
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☐	☐	
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐	
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☑	☐	Definable feature/s of work (see continuation page)
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐	

TESTING PERFORMED & WHO PERFORMED TEST

Performed site clean up
Spread grass seed and straw over areas without grass in preparation of the rain.
Decontaminated the mini excavator completely and contacted Sunbelt to remove the next day.

Attended debriefing meeting with the navy in regards to the drum removal activity.

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

QC Specialist - Jon Ward — Date 10/19/2011

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QC MANAGER - William Deane — DATE 10/19/2011

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-034

Date 10/20/2011

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PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐	Definable feature/s of work (see continuation page)
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	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐	
	MATERIALS STORED PROPERLY.	☐	☐	
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐	
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐	
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐	
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐	
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☐	☐	Definable feature/s of work (see continuation page)
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐	
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FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☐	☐	Definable feature/s of work (see continuation page)
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐	

TESTING PERFORMED & WHO PERFORMED TEST

TESTING PERFORMED & WHO PERFORMED TEST

No Work Demobilization for rotation weekend

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

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QC MANAGER - William Deane — DATE 10/20/2011

GOVERNMENT QUALITY ASSURANCE REPORT

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GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-035

Date 10/21/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐	Definable feature/s of work (see continuation page)
	THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐	
	MATERIALS STORED PROPERLY.	☐	☐	
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐	
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐	
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐	
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐	
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☐	☐	Definable feature/s of work (see continuation page)
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐	
	WORKMANSHIP IS SATISFACTORY	☐	☐	
	TEST RESULTS ARE ACCEPTABLE.	☐	☐	
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☐	☐	
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐	
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☐	☐	Definable feature/s of work (see continuation page)
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐	
	No Work rotation weekend			

TESTING PERFORMED & WHO PERFORMED TEST

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

REMARKS:

10/21/2011

QC Specialist - Jon Ward — Date

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

10/21/2011

QC MANAGER - William Deane — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-036

Date 10/24/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐	Definable feature/s of work (see continuation page)
	THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐	
	MATERIALS STORED PROPERLY.	☐	☐	
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐	
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐	
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐	
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐	
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☐	☐	Definable feature/s of work (see continuation page)
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐	
	WORKMANSHIP IS SATISFACTORY	☐	☐	
	TEST RESULTS ARE ACCEPTABLE.	☐	☐	
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☐	☐	
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐	
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☐	☐	Definable feature/s of work (see continuation page)
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐	

TESTING PERFORMED & WHO PERFORMED TEST

TESTING PERFORMED & WHO PERFORMED TEST

No Work mobilization from rotation weekend

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

QC Specialist - Jon Ward — Date 10/24/2011

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

QC MANAGER - William Deane — DATE 10/24/2011

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-034

Date 10/25/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐	Definable feature/s of work (see continuation page)
	THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐	See continuation sheet
	MATERIALS STORED PROPERLY.	☐	☐	
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐	
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐	
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐	
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐	
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☑	☐	Definable feature/s of work (see continuation page)
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐	Began backfill of tank vault using the skid steer and loader.
	WORKMANSHIP IS SATISFACTORY	☑	☐	Aggregate from the DRMO is used as backfill.
	TEST RESULTS ARE ACCEPTABLE.	☐	☐	Smaller bucket sizes are used to prevent spilling during transportation
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☑	☐	
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐	
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☐	☐	Definable feature/s of work (see continuation page)
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐	

TESTING PERFORMED & WHO PERFORMED TEST

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

QC Specialist - Jon Ward — Date 10/25/2011

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

QC MANAGER - William Deane — DATE 10/25/2011

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

CONTRACTOR QUALITY CONTROL REPORT CONTINUATION SHEET

Shaw Environmental, Inc. CONTRACT:N62470-02-D-3260 T.O. #

Report No. 139799-034a

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

Date 10/25/2011

PHASE: PREPARATORY

(BLANK NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT
PLANS AND SPECS HAVE BEEN REVIEWED	☑	☐	Preparatory Phase Meeting for Backfill
THE SUBMITTALS HAVE BEEN APPROVED.	☑	☐	**In Attendance**
MATERIALS COMPLY WITH APPROVED SUBMITTALS	☑	☐	Jon Ward
MATERIALS STORED PROPERLY.	☑	☐	Randall Hardy
PRELIMINARY WORK WAS DONE CORRECTLY.	☑	☐	Jim Kinley
TESTING PLAN HAS BEEN REVIEWED.	☐	☐	Eugene Figueroa
WORK METHOD AND SCHEDULE DISCUSSED.	☑	☐	
JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☑	☐	

Plans and Specifications
Site 30 Work Plan (Including APP, QAPP, QCP) Approved by Navy
AHA for backfill
Submittals
none

Materials
2.5" minus aggregate, 2.5" granite aggregate, 2.5" surge stone, and .75" minus (Crusher Run)

Preliminary Work
Tank vault completely excavated and photos taken for historical preservation
Approval from Navy to begin backfill

Testing Plan
Not required, utilizing stone in lieu of soil which requires testing for analytical parameters.

Work Method and Schedule
2.5" minus aggregate, 2.5" granite aggregate, and 2.5" surge stone will be co-mingled and used as backfill. The loader will transport the backfill material from the DRMO to building 184. The skid steer will be used to place the material in the vault. The backfill material will be placed to 18" from finished grade of floor and .75" minus (Crusher run) will be used for the final 1' lift of the backfill.
Final grade of backfill will be 6" from final grade of floor. A remote one ton roller will be used for compaction.
Awaiting RFI clarification from Navy on compaction specification.

Activity Hazard Analysis
Reviewed AHA for backfill
PPE is Level D

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-038

Date 10/26/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐	Definable feature/s of work (see continuation page)
	THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐	
	MATERIALS STORED PROPERLY.	☐	☐	
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐	
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐	
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐	
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐	
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☐	☐	Definable feature/s of work (see continuation page)
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐	
	WORKMANSHIP IS SATISFACTORY	☐	☐	
	TEST RESULTS ARE ACCEPTABLE.	☐	☐	
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☐	☐	
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐	
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☑	☐	Definable feature/s of work (see continuation page)
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐	

TESTING PERFORMED & WHO PERFORMED TEST

Continued backfill of the tank vault using the skid steer and loader.
Aggregate from the DRMO is used as backfill.
Smaller bucket sizes are used to prevent spilling during transportation.
Remote one ton roller is used for compaction after every lift.

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

QC Specialist - Jon Ward — Date 10/26/2011

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

QC MANAGER - William Deane — DATE 10/26/2011

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-039

Date 10/27/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐	Definable feature/s of work (see continuation page)
	THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐	
	MATERIALS STORED PROPERLY.	☐	☐	
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐	
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐	
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐	
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐	
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☐	☐	Definable feature/s of work (see continuation page)
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐	
	WORKMANSHIP IS SATISFACTORY	☐	☐	
	TEST RESULTS ARE ACCEPTABLE.	☐	☐	
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☐	☐	
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐	
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☑	☐	Definable feature/s of work (see continuation page)
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐	

TESTING PERFORMED & WHO PERFORMED TEST

Continued backfill of the tank vault using the skid steer and loader.
Aggregate from the DRMO is used as backfill.
Smaller bucket sizes are used to prevent spilling during transportation.
Remote one ton roller is used for compaction after every lift.
water was spayed on the backfill during compaction
Collected weight tickets for 117.41 tons of 3/4" minus from Aggregate Industries.

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

10/27/2011

QC Specialist - Jon Ward Date

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

10/27/2011

QC MANAGER - William Deane DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY ASSURANCE MANAGER DATE

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-040

Date 10/28/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐	Definable feature/s of work (see continuation page)
	THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐	
	MATERIALS STORED PROPERLY.	☐	☐	
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐	
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐	
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐	
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐	
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☐	☐	Definable feature/s of work (see continuation page)
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐	
	WORKMANSHIP IS SATISFACTORY	☐	☐	
	TEST RESULTS ARE ACCEPTABLE.	☐	☐	
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☐	☐	
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐	
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☑	☐	Definable feature/s of work (see continuation page)
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐	

TESTING PERFORMED & WHO PERFORMED TEST

Continued backfill of the tank vault using the skid steer and loader.
Aggregate from the DRMO is used as backfill.
Smaller bucket sizes are used to prevent spilling during transportation.
Remote one ton roller is used for compaction after every lift.
water was spayed on the backfill during compaction

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

QC Specialist - Jon Ward — Date 10/28/2011

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

QC MANAGER - William Deane — DATE 10/28/2011

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-041

Date 10/31/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐	Definable feature/s of work (see continuation page)
	THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐	
	MATERIALS STORED PROPERLY.	☐	☐	
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐	
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐	
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐	
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐	
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☐	☐	Definable feature/s of work (see continuation page)
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐	
	WORKMANSHIP IS SATISFACTORY	☐	☐	
	TEST RESULTS ARE ACCEPTABLE.	☐	☐	
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☐	☐	
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐	
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☑	☐	Definable feature/s of work (see continuation page)
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐	

TESTING PERFORMED & WHO PERFORMED TEST

Continued backfill of the tank vault using the skid steer and loader.
Aggregate from the DRMO is used as backfill.
Smaller bucket sizes are used to prevent spilling during transportation.
Remote one ton roller is used for compaction after every lift.
water was spayed on the backfill during compaction
Stakes are used to provide proper elevation of 6" below finished grade.
Collected weight ticket for 34.62 tons of aggregate.

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

10/31/2011

QC Specialist - Jon Ward Date

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

10/31/2011

QC MANAGER - William Deane DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY ASSURANCE MANAGER DATE

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-042

Date 11/1/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐	Definable feature/s of work (see continuation page)
	THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐	
	MATERIALS STORED PROPERLY.	☐	☐	
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐	
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐	
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐	
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐	
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☐	☐	Definable feature/s of work (see continuation page)
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐	
	WORKMANSHIP IS SATISFACTORY	☐	☐	
	TEST RESULTS ARE ACCEPTABLE.	☐	☐	
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☐	☐	
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐	
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☑	☐	Definable feature/s of work (see continuation page)
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐	

TESTING PERFORMED & WHO PERFORMED TEST

Continued backfill of the tank vault using the skid steer and loader.
Used 3/4" minus as backfill
Smaller bucket sizes are used to prevent spilling during transportation.
Remote one ton roller is used for compaction after every lift.
water was spayed on the backfill during compaction
Stakes are used to provide proper elevation of 6" below finished grade.
Collected weight ticket for 46.3 tons of aggregate.

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

QC Specialist - Jon Ward — Date 11/1/2011

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

QC MANAGER - William Deane — DATE 11/1/2011

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-043

Date 11/2/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐	Definable feature/s of work (see continuation page)
	THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐	
	MATERIALS STORED PROPERLY.	☐	☐	
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐	
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐	
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐	
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐	
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☐	☐	Definable feature/s of work (see continuation page)
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐	
	WORKMANSHIP IS SATISFACTORY	☐	☐	
	TEST RESULTS ARE ACCEPTABLE.	☐	☐	
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☐	☐	
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐	
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☑	☐	Definable feature/s of work (see continuation page)
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐	

TESTING PERFORMED & WHO PERFORMED TEST

Completed backfill of the tank vault using the skid steer and loader.
Used 3/4" minus as backfill to 6" of finished grade
Smaller bucket sizes are used to prevent spilling during transportation.
Remote one ton roller and plate tamper used for compaction on final lift.
Stakes are used to provide proper elevation of 6" below finished grade.

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

11/2/2011

QC Specialist - Jon Ward Date

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

11/2/2011

QC MANAGER - William Deane DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY ASSURANCE MANAGER DATE

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-044

Date 11/3/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐	Definable feature/s of work (see continuation page)
	THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐	
	MATERIALS STORED PROPERLY.	☐	☐	
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐	
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐	
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐	
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐	
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☑	☐	Definable feature/s of work (see continuation page)
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐	Began T&D of backfill from building 184 located at the DRMO.
	WORKMANSHIP IS SATISFACTORY	☑	☐	7 trucks removed 220.76 tons of backfill.
	TEST RESULTS ARE ACCEPTABLE.	☑	☐	All trucks were weighed prior to and after loading at bld. 357. Trucks were not overloaded before leaving PNS.
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☑	☐	T&D log is kept.
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐	
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☐	☐	Definable feature/s of work (see continuation page)
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐	

TESTING PERFORMED & WHO PERFORMED TEST

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

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

QC Specialist - Jon Ward — Date 11/3/2011

QC MANAGER - William Deane — DATE 11/3/2011

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-045

Date 11/4/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐	Definable feature/s of work (see continuation page)
	THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐	
	MATERIALS STORED PROPERLY.	☐	☐	
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐	
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐	
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐	
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐	
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☐	☐	Definable feature/s of work (see continuation page) — TESTING PERFORMED & WHO PERFORMED TEST
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐	
	WORKMANSHIP IS SATISFACTORY	☐	☐	
	TEST RESULTS ARE ACCEPTABLE.	☐	☐	
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☐	☐	
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐	
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☑	☐	Definable feature/s of work (see continuation page) — TESTING PERFORMED & WHO PERFORMED TEST
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐	Completed T&D of backfill. Two trucks delivered 58.22 tons to Casella Landfill. Both trucks were weighed at bld. 357.

Performed T&D of Concrete and Bricks from building 184 at the DRMO
5 trucks removed 79.73 tons of concrete and brick
Tickets were collected from Aggregate Recycling Corp.
T&D log is kept.

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

QC Specialist - Jon Ward — Date 11/4/2011

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

QC MANAGER - William Deane — DATE 11/4/2011

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-046

Date 11/7/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐	Definable feature/s of work (see continuation page)
	THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐	
	MATERIALS STORED PROPERLY.	☐	☐	
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐	
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐	
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐	
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐	
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☐	☐	Definable feature/s of work (see continuation page)
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐	
	WORKMANSHIP IS SATISFACTORY	☐	☐	
	TEST RESULTS ARE ACCEPTABLE.	☐	☐	
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☐	☐	
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐	
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☐	☐	Definable feature/s of work (see continuation page)
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐	
	No Work			

TESTING PERFORMED & WHO PERFORMED TEST

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

REMARKS:

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

QC Specialist - Jon Ward — Date 11/7/2011

QC MANAGER - William Deane — DATE 11/7/2011

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-047

Date 11/8/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐	Definable feature/s of work (see continuation page)
	THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐	
	MATERIALS STORED PROPERLY.	☐	☐	
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐	
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐	
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐	
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐	
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☐	☐	Definable feature/s of work (see continuation page)
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐	
	WORKMANSHIP IS SATISFACTORY	☐	☐	
	TEST RESULTS ARE ACCEPTABLE.	☐	☐	
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☐	☐	
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐	
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☐	☐	Definable feature/s of work (see continuation page)
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐	
	No Work			

TESTING PERFORMED & WHO PERFORMED TEST

TESTING PERFORMED & WHO PERFORMED TEST

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

REMARKS:

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

Jon Ward — 11/8/2011

QC Specialist - Jon Ward — Date

11/8/2011

QC MANAGER - William Deane — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-048

Date 11/9/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐	Definable feature/s of work (see continuation page)
	THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐	
	MATERIALS STORED PROPERLY.	☐	☐	
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐	
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐	
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐	
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐	
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☐	☐	Definable feature/s of work (see continuation page)
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐	
	WORKMANSHIP IS SATISFACTORY	☐	☐	
	TEST RESULTS ARE ACCEPTABLE.	☐	☐	
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☐	☐	
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐	
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☐	☐	Definable feature/s of work (see continuation page)
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐	
	No Work			

TESTING PERFORMED & WHO PERFORMED TEST

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

QC Specialist - Jon Ward — Date 11/9/2011

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

QC MANAGER - William Deane — DATE 11/9/2011

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-049

Date 11/10/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT	
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐	Definable feature/s of work (see continuation page)	
	THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐		
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐		
	MATERIALS STORED PROPERLY.	☐	☐	See continuation sheet	
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐		
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐		
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐		
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐		
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☐	☐	Definable feature/s of work (see continuation page)	TESTING PERFORMED & WHO PERFORMED TEST
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐		
	WORKMANSHIP IS SATISFACTORY	☐	☐		
	TEST RESULTS ARE ACCEPTABLE.	☐	☐		
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☐	☐		
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐		
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☐	☐	Definable feature/s of work (see continuation page)	TESTING PERFORMED & WHO PERFORMED TEST
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐		
	No Work				

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

QC Specialist - Jon Ward — Date 11/10/2011

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

QC MANAGER - William Deane — DATE 11/10/2011

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

CONTRACTOR QUALITY CONTROL REPORT CONTINUATION SHEET

Shaw Environmental, Inc. CONTRACT:N62470-02-D-3260 T.O. #

Report No. 139799-049a

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

Date 11/10/2011

PHASE: PREPARATORY

(BLANK NOT APPLICABLE)	YES	NO
PLANS AND SPECS HAVE BEEN REVIEWED	☑	☐
THE SUBMITTALS HAVE BEEN APPROVED.	☐	☑
MATERIALS COMPLY WITH APPROVED SUBMITTALS	☑	☐
MATERIALS STORED PROPERLY.	☑	☐
PRELIMINARY WORK WAS DONE CORRECTLY.	☑	☐
TESTING PLAN HAS BEEN REVIEWED.	☐	☐
WORK METHOD AND SCHEDULE DISCUSSED.	☑	☐
JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☑	☐

IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT

Preparatory Phase Meeting for Concrete Pad Placement

In Attendance	Representing	Role
Jon Ward	Shaw	QC
Howard Patten	HL Patten	Concrete Subcontractor
Oscar Wilkins	Shipyard Waste	Concrete Subcontractor
Fred Poulin	Shaw	Project Manager
James Kinley	Shaw	Site Superintendant
Joe Lavoie	PWD Maine	Navy - FEAD
Michael Harrison	Shaw	Safety

Plans and Specifications

139799-RFI-005 (Concrete Spec attachment)
Site 30 Work Plan (Including APP, QAPP, QCP) Approved by Navy
AHA for backfill

Submittals

139799-S-005 Mix Design (Pending approval)

Materials

Cement : Dragon Type II, lbs.
GGBF Slag: Dragon Grade 120, lbs.
Fine Aggregate, Turk's Sand & Gravel, lbs.
1/2" Coarse Aggregate, Stonefield-Lyman, lbs.
3/4" Coarse Aggregate, Stonefield-Lyman, lbs.

Preliminary Work

3/4" minus (crusher run) placed to 6" of finished grade.
Compaction test will confirm 95% density prior to placement of pad.
Thickened edge placed around area where pad is to be poured.

Testing Plan

4 Cylinders per truckload of concrete. One for 3 day break, one for 7 day break, one for 28 day break, and one extra.
One each, Slump test, air entrainment test, and temperature test per truckload of concrete.
3 in place sand cone tests for compaction prior to placement of the concrete pad. Compaction is to be at 95%
Slump test will be 4" before addition of admixture, air entrainment is to be at 2%

Work Method and Schedule

Monday, 11-14-11 the shipyard will cone off area in front of building 184 for concrete trucks.
HL Patten construction will start work on Tuesday, 11-15-11. HL Patten will perform preliminary work including installing welded wire fabric and attempting saw cutting around pad area. If saw cutting shows signs of failure then a wire stringer process will be used.
Hl Patten will begin pouring the concrete pad on Wednesday, 11-16-11. Hissong trucking will bring in concrete.
The trucks will be washed out in bins and disposed of off base. A spotter will be used when entering and exiting building 184. Shaw will provide truck crossingsigns. The steam trench will be poured and floated into the pad. A power trowel will be used to a smooth finish.
Expansion joints are to be placed every 15 feet.

Activity Hazard Analysis

Reviewed AHA for Concrete Pad
PPE is Level D

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-050

Date 11/11/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐	Definable feature/s of work (see continuation page)
	THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐	
	MATERIALS STORED PROPERLY.	☐	☐	
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐	
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐	
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐	
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐	
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☐	☐	Definable feature/s of work (see continuation page)
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐	
	WORKMANSHIP IS SATISFACTORY	☐	☐	
	TEST RESULTS ARE ACCEPTABLE.	☐	☐	
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☐	☐	
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐	
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☐	☐	Definable feature/s of work (see continuation page)
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐	

TESTING PERFORMED & WHO PERFORMED TEST

TESTING PERFORMED & WHO PERFORMED TEST

No Work
Veterans day

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

QC Specialist - Jon Ward — Date 11/11/2011

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

QC MANAGER - William Deane — DATE 11/11/2011

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-051

Date 11/14/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT	
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐	Definable feature/s of work (see continuation page)	
	THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐		
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐		
	MATERIALS STORED PROPERLY.	☐	☐		
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐		
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐		
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐		
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐		
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☐	☐	Definable feature/s of work (see continuation page)	TESTING PERFORMED & WHO PERFORMED TEST
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐		
	WORKMANSHIP IS SATISFACTORY	☐	☐		
	TEST RESULTS ARE ACCEPTABLE.	☐	☐		
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☐	☐		
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐		
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☐	☐	Definable feature/s of work (see continuation page)	TESTING PERFORMED & WHO PERFORMED TEST
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐		
	No Work				

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

QC Specialist - Jon Ward — Date 11/14/2011

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

QC MANAGER - William Deane — DATE 11/14/2011

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-052

Date 11/15/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐	Definable feature/s of work (see continuation page)
	THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐	
	MATERIALS STORED PROPERLY.	☐	☐	
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐	
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐	
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐	
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐	
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☐	☐	Definable feature/s of work (see continuation page)
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐	
	WORKMANSHIP IS SATISFACTORY	☐	☐	
	TEST RESULTS ARE ACCEPTABLE.	☐	☐	See continuation sheet
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☐	☐	
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐	
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☑	☐	Definable feature/s of work (see continuation page)
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐	

TESTING PERFORMED & WHO PERFORMED TEST

Saw cuts were made 2" from existing edge.

Sand cone testing for Compaction was completed by SW cole the results were as follows:

Sand cone test #	Dry Density	Moister	% Compaction
1	128.9	3.40%	99.60%
2	129.5	3.40%	100.10%
3	128.9	3.40%	99.60%

Official Documentation will be submitted for test results.

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

QC Specialist - Jon Ward 11/15/2011 Date

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QC MANAGER - William Deane 11/15/2011 DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY ASSURANCE MANAGER DATE

CONTRACTOR QUALITY CONTROL REPORT CONTINUATION SHEET

Shaw Environmental, Inc. CONTRACT:N62470-02-D-3260 T.O. #

Report No. 139799-052a

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

Date 11/15/2011

PHASE: Initial

(BLANK NOT APPLICABLE)	YES	NO
PRELIMINARY WORK WAS DONE CORRECTLY	☑	☐
SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐
WORKMANSHIP IS SATISFACTORY	☑	☐
TEST RESULTS ARE ACCEPTABLE.	☐	☐
WORK IS IN COMPLIANCE WITH THE CONTRACT.	☑	☐
WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐

IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT

Initial Phase Meeting for Concrete Pad Placement

In Attendance	Company
Jon Ward	Shaw
Howard Patten	HL Patten
Dennis Nickell	HL Patten
Michael Harrison	Shaw
Jason Redmond	SW Cole

Plans and Specifications

139799-RFI-005 (Concrete Spec attachment)
Site 30 Work Plan (Including APP, QAPP, QCP) Approved by Navy
AHA for backfill

Submittals

139799-S-005 Mix Design

Reviewed the Navy attachment to RFI-005 (concrete Spec) with HL Patten during the initial meeting.
The Saw cutting is to be 2" from the edge or the pad.
Michael Harrison reviewed Safety on site.
There are to be 3 sand cone tests at random locations on the fill. The results must be 95% and are needed before the placement of the concrete.

Activity Hazard Analysis

Reviewed AHA for Concrete Pad
PPE is Level D

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-053

Date 11/16/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐	Definable feature/s of work (see continuation page)
	THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐	
	MATERIALS STORED PROPERLY.	☐	☐	
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐	
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐	
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐	
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐	
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☐	☐	Definable feature/s of work (see continuation page)
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐	
	WORKMANSHIP IS SATISFACTORY	☐	☐	
	TEST RESULTS ARE ACCEPTABLE.	☐	☐	See continuation sheet
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☐	☐	
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐	
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☑	☐	Definable feature/s of work (see continuation page)
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐	

TESTING PERFORMED & WHO PERFORMED TEST

Jason Redmond from SW Cole performed testing for concrete including,
Slump test per truckload
Air entrainment per truckload
Temperature per truckload
4 cylinders per truckload

	Truck 1	Truck 2	Truck 3	Truck 4
Slump	7.5"	7"	6.5"	6.75"
Air entrainment	1.70%	1.70%	1.70%	1.70%
Temperature (F)	63	64	66	65

Official Documentation will be submitted

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

QC Specialist - Jon Ward 11/16/2011 Date

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

QC MANAGER - William Deane 11/16/2011 DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY ASSURANCE MANAGER DATE

CONTRACTOR QUALITY CONTROL REPORT CONTINUATION SHEET

Shaw Environmental, Inc. CONTRACT:N62470-02-D-3260 T.O. #

Report No. 139799-053a

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

Date 11/16/2011

PHASE

Initial

(BLANK NOT APPLICABLE)	YES	NO
PRELIMINARY WORK WAS DONE CORRECTLY	☑	☐
SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐
WORKMANSHIP IS SATISFACTORY	☑	☐
TEST RESULTS ARE ACCEPTABLE.	☑	☐
WORK IS IN COMPLIANCE WITH THE CONTRACT.	☑	☐
WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐

IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT

Initial Phase Meeting for Concrete Pad Placement

In Attendance	Company
Jon Ward	Shaw
Howard Patten	HL Patten
Dennis Nickell	HL Patten
Michael Harrison	Shaw
Jason Redmond	SW Cole
Jim Thorn	HL Patten

Plans and Specifications

139799-RFI-005 (Concrete Spec attachment)
Site 30 Work Plan (Including APP, QAPP, QCP) Approved by Navy
AHA for backfill

Submittals

139799-S-005 Mix Design

All saw cutting is completed before concrete is placed. 6x6 welded wire fabric is to be placed.
3 sand cone tests were performed prior to placing the concrete. The results were over the 95% required compaction
Michael Harrison reviewed Safety on site.
Trucks will have 90 min. from departing the batch plant to placement of the concrete.
WWF is to be attached to each other using ties and pulled into placed in the concrete while being poured.
A pump truck will be positioned outside to pump the concrete into the building.
Concrete is to have a slump test, an air entrainment test, and temperature test per truckload.
4 cylinders are to be collected for each truckload; 3 day, 7 day, 28 day, and one extra.

Activity Hazard Analysis

Reviewed AHA for Concrete Pad
PPE is Level D

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-054

Date 11/17/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐	Definable feature/s of work (see continuation page)
	THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐	
	MATERIALS STORED PROPERLY.	☐	☐	
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐	
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐	
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐	
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐	
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☐	☐	Definable feature/s of work (see continuation page)
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐	
	WORKMANSHIP IS SATISFACTORY	☐	☐	
	TEST RESULTS ARE ACCEPTABLE.	☐	☐	
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☐	☐	
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐	
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☑	☐	Definable feature/s of work (see continuation page)
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐	**Concrete pad placement**

TESTING PERFORMED & WHO PERFORMED TEST

Saw cuts were made in the concrete at a depth of 1" and were less than 15' apart.
self leveling sealent was applied in expansion joints around the concrete pad.

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

QC Specialist - Jon Ward — Date 11/17/2011

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

QC MANAGER - William Deane — DATE 11/17/2011

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

CONTRACTOR QUALITY CONTROL REPORT

Shaw Environmental and Infrastructure Inc. CONTRACT:N62470-08-D-1007 T.O. WE21

Removal Actions, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery Me

Report No. 139799-055

Date 11/18/2011

PHASE	(BLANK - NOT APPLICABLE)	YES	NO	IDENTIFY DEFINABLE FEATURE OF WORK, SPECIFICATION SECTION, LOCATION AND LIST PERSONNEL PRESENT
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	☐	☐	Definable feature/s of work (see continuation page)
	THE SUBMITTALS HAVE BEEN APPROVED.	☐	☐	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	☐	☐	
	MATERIALS STORED PROPERLY.	☐	☐	
	PRELIMINARY WORK WAS DONE CORRECTLY.	☐	☐	
	TESTING PLAN HAS BEEN REVIEWED.	☐	☐	
	WORK METHOD AND SCHEDULE DISCUSSED.	☐	☐	
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	☐	☐	
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	☐	☐	Definable feature/s of work (see continuation page)
	SAMPLE HAS BEEN PREPARED/APPROVED	☐	☐	
	WORKMANSHIP IS SATISFACTORY	☐	☐	
	TEST RESULTS ARE ACCEPTABLE.	☐	☐	
	WORK IS IN COMPLIANCE WITH THE CONTRACT.	☐	☐	
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☐	☐	
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	☑	☐	Definable feature/s of work (see continuation page) **Demobilization**
	WORK COMPLIES WITH SAFETY REQUIREMENTS	☑	☐	

TESTING PERFORMED & WHO PERFORMED TEST

Demobed from site 30 building 184.
Placed the key to building 184 and the key to the DRMO on FEAD's desk.

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

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

REMARKS:

QC Specialist - Jon Ward — Date 11/18/2011

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

QC MANAGER - William Deane — DATE 11/18/2011

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

APPENDIX D
QUALITY CONTROL DOCUMENTATION

D2 – Contractor Production Reports

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CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 8/30/2011 Report No. 1

CONTRACT NO.: N62470-08-D-1007

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: sun

PM WEATHER: sun

MAX. TEMP: Deg. F 78

MIN. TEMP: Deg. F 54

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
		William Deane	1055057	QC Manager	0.0
	Field Supervision	Fred Poulin		Project Manager	10.0
		Jon Ward	1247122	QC Specialist	0.0
		Stanley Sinchak	439027	Laborer	0.0
		Eugene Figueroa	438330	Operator	0.0
		Randall Hardy	1174159	Operator	0.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE	10.0
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	-
TOTAL WORK HOURS FROM START OF CONSTRUCTION	10.00

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

supervised asbestos subcontractors

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

none

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

none

WORK PERFORMED, CHANGES AND REMARKS:

Asbestos abatement in office area to be demolished. Mill City Env. set up negative air containment area and removed asbestos tile and mastic.
Area inspected and air sampled by third party IH and approved.
Construction Oversight performed by Shaw.
Joe Lavoie visited site

for Fred Poulin

SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 8/31/2011 Report No. 2

CONTRACT NO.: N62470-08-D-1007

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: sun

PM WEATHER: sun

MAX. TEMP: Deg. F 81

MIN. TEMP: Deg. F 57

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
		William Deane	1055057	QC Manager	0.0
	Field Supervision	Fred Poulin		Project Manager	10.0
		Jon Ward	1247122	QC Specialist	0.0
		Stanley Sinchak	439027	Laborer	0.0
		Eugene Figueroa	438330	Operator	0.0
		Randall Hardy	1174159	Operator	0.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE	10.0
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	10.00
TOTAL WORK HOURS FROM START OF CONSTRUCTION	20.00

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

supervised asbestos subcontractors

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

none

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

none

WORK PERFORMED, CHANGES AND REMARKS:

Asbestos abatement in office area to be demolished. Mill City Env. set up negative air containment area and removed asbestos tile and mastic.
Area inspected and air sampled by third party IH and approved.
Construction Oversight performed by Shaw.
Approximately 400 lbs of tile and mastic was transported to and disposed of at building 357 and placed in their staged asbestos roll-off.
Containment area removed and demobilized site.
Joe Lavoie visited site

for Fred Pouli

SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 9/6/2011 Report No. 3

CONTRACT NO.: N62470-08-D-1007

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: rain

PM WEATHER: rain

MAX. TEMP: Deg. F 69

MIN. TEMP: Deg. F 59

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
		William Deane	1055057	QC Manager	0.0
	Mobilization	Fred Poulin		Project Manager	0.0
	Mobilization	Jon Ward	1247122	QC Specialist	0.0
		Stanley Sinchak	439027	Laborer	0.0
	Mobilization	Eugene Figueroa	438330	Operator	0.0
	Mobilization	Randall Hardy	1174159	Operator	0.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE	0.0
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	20.00
TOTAL WORK HOURS FROM START OF CONSTRUCTION	20.00

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

no actions

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

Pick Up Truck, Hertz, White Ford F350, Gasoline Motor

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

none

WORK PERFORMED, CHANGES AND REMARKS:

Mobilization
Crew travel day
no on site operations
Hertz Mobilized Pickup to Hotel Parking Lot (Comfort Inn)

for Fred Poulin

SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 9/7/2011 Report No. 4

CONTRACT NO.: N62470-08-D-1007

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: rain

PM WEATHER: rain

MAX. TEMP: Deg. F 60

MIN. TEMP: Deg. F 57

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
		William Deane	1055057	QC Manager	0.0
	Field Supervision	Fred Poulin		Project Manager	10.0
	Field Supervision	Jon Ward	1247122	QC Specialist	10.0
		Stanley Sinchak	439027	Laborer	0.0
	Site Setup	Eugene Figueroa	438330	Operator	10.0
	Site Setup	Randall Hardy	1174159	Operator	10.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE: 40.0

CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT: 20.00

TOTAL WORK HOURS FROM START OF CONSTRUCTION: 60.00

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

reviewed the WP and HASP with all hands and started our daily tailgate meetings.
Reviewed HASP with Subcontractor

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

none

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

Pick Up Truck, Hertz, White Ford F350, Gasoline Motor

WORK PERFORMED, CHANGES AND REMARKS:

(Yates) isolated all equipment, outlets and lighting schemes associated with the office demolition, welding booth demolition, small bathroom demolition and equipment removal.
Shaw performed site set-up. Moved lockers and general housekeeping

for Fred Poulin

SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 9/8/2011 Report No. 5

CONTRACT NO.: N62470-08-D-1007

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: rain

PM WEATHER: cloudy

MAX. TEMP: Deg. F 68

MIN. TEMP: Deg. F 57

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
		William Deane	1055057	QC Manager	0.0
	Field Supervision	Fred Poulin		Project Manager	10.0
	Field Supervision	Jon Ward	1247122	QC Specialist	10.0
	Site Setup	Stanley Sinchak	439027	Laborer	10.0
	Site Setup	Eugene Figueroa	438330	Operator	10.0
	Site Setup	Randall Hardy	1174159	Operator	10.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE	50.0
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	60.00
TOTAL WORK HOURS FROM START OF CONSTRUCTION	110.00

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

ladder saftey

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

30 Yard Dumpster, Shipyard Waste Solutions

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

Pick Up Truck, Hertz, White Ford F350, Gasoline Motor
30 Yard Dumpster, Shipyard Waste Solutions

WORK PERFORMED, CHANGES AND REMARKS:

Shaw began removing all universal waste in the footprint to be demolished,
Fluorescent Bulbs and Ballast material were collected and transferred to Building 357 for disposal by the Shipyard.
Shipyard Solutions Dumpster delivered for construction debris.
Began demolition of the office over the concrete pad.

for Fred Poulin

SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 9/9/2011 Report No. 6

CONTRACT NO.: N62470-08-D-1007

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: sun

PM WEATHER: sun

MAX. TEMP: Deg. F 80

MIN. TEMP: Deg. F 57

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
		William Deane	1055057	QC Manager	0.0
	Field Supervision	Fred Poulin		Project Manager	10.0
	Field Supervision	Jon Ward	1247122	QC Specialist	10.0
	Site Setup	Stanley Sinchak	439027	Laborer	10.0
	Site Setup	Eugene Figueroa	438330	Operator	10.0
	Site Setup	Randall Hardy	1174159	Operator	10.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE	50.0
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	110.00
TOTAL WORK HOURS FROM START OF CONSTRUCTION	160.00

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

Site Hazards, PPE

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

none

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

Pick Up Truck, Hertz, White Ford F350, Gasoline Motor
30 Yard Dumpster, Shipyard Waste Solutions

WORK PERFORMED, CHANGES AND REMARKS:

continued demolition of the office over concrete pad
Florescent bulbs and ballasts were disposed at building 357.

Fluorescent Bulbs and Ballast material were collected and transferred to Building 357 for disposal by the Shipyard.

for Fred Poulin

SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 9/12/2011 Report No. 7

CONTRACT NO.: N62470-08-D-1007

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: sun

PM WEATHER: sun

MAX. TEMP: Deg. F 81

MIN. TEMP: Deg. F 56

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
		William Deane	1055057	QC Manager	0.0
	Field Supervision	Fred Poulin		Project Manager	10.0
	Field Supervision	Jon Ward	1247122	QC Specialist	10.0
	Site Setup	Stanley Sinchak	439027	Laborer	10.0
	Site Setup	Eugene Figueroa	438330	Operator	10.0
	Site Setup	Randall Hardy	1174159	Operator	10.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE: 50.0

CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT: 160.00

TOTAL WORK HOURS FROM START OF CONSTRUCTION: 210.00

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

Site Hazards, Equipment saftey and inspections

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

30 Yard Dumpster, Shipyard Waste Solutions
CASE CX50 hydraulic compact excavator, Sunbelt Rentals
Caterpillar 560G Loader, Francisco Equipment

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

Pick Up Truck, Hertz, White Ford F350, Gasoline Motor
30 Yard Dumpster, Shipyard Waste Solutions
CASE CX50 hydraulic compact excavator
Caterpillar 560G Loader, Francisco Equipment

WORK PERFORMED, CHANGES AND REMARKS:

Completed demolition of the office over concrete pad area
Began removing piping, ventilation ducts and lighting fixtures over wielding booths to prep booths for removal.
Shipyard Waste Solutions removed one 30 yard dumpster and replaced with a new 30 yard dumpster for construction debris
Sunbelt Rentals dropped off one CASE CX50 hydraulic compact excavator
Francisco Equipment dropped off one Caterpillar 560G Loader

For Fred Poulin
SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 9/13/2011 Report No. 8

CONTRACT NO.: N62470-08-D-1007

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: sun

PM WEATHER: sun

MAX. TEMP: Deg. F 83

MIN. TEMP: Deg. F 59

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
		William Deane	1055057	QC Manager	0.0
	Field Supervision	Fred Poulin		Project Manager	10.0
	Field Supervision	Jon Ward	1247122	QC Specialist	10.0
	Welding booth demolition	Stanley Sinchak	439027	Laborer	10.0
	Welding booth demolition	Eugene Figueroa	438330	Operator	10.0
	Welding booth demolition	Randall Hardy	1174159	Operator	10.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE: 50.0

CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT: 210.00

TOTAL WORK HOURS FROM START OF CONSTRUCTION: 260.00

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

Using a spotter, heavy equipment safety

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

none

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

Pick Up Truck, Hertz, White Ford F350, Gasoline Motor
30 Yard Dumpster, Shipyard Waste Solutions
CASE CX50 hydraulic compact excavator
Caterpillar 560G Loader, Francisco Equipment

WORK PERFORMED, CHANGES AND REMARKS:

Continued removing piping, ventilation ducts and lighting fixtures over welding booths to prep booths for removal.
Began removing welding booths and transporting to the DRMO for load out and disposal
Used LEL and PID during welding booth removal to monitor air quality inside building 184
Steam vault cover failed at entrance to site. Caved in approximately 10". Loader activities have been suspended until steel road plates are delivered.

for Fred Poulin
SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 9/14/2011 Report No. 9

CONTRACT NO.: N62470-08-D-1007

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: sun

PM WEATHER: sun

MAX. TEMP: Deg. F 82

MIN. TEMP: Deg. F 67

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
		William Deane	1055057	QC Manager	0.0
	Field Supervision	Fred Poulin		Project Manager	10.0
	Field Supervision	Jon Ward	1247122	QC Specialist	10.0
	Welding booth demolition	Stanley Sinchak	439027	Laborer	10.0
	Welding booth demolition	Eugene Figueroa	438330	Operator	10.0
	Welding booth demolition	Randall Hardy	1174159	Operator	10.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE: 50.0

CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT: 260.00

TOTAL WORK HOURS FROM START OF CONSTRUCTION: 310.00

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

Staying hydrated, crushed by hazards

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

5 4x8 steel road plates
60 yard steel recycling roll-off, Berwick Iron and Metal Recycling

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

Pick Up Truck, Hertz, White Ford F350, Gasoline Motor
30 Yard Dumpster, Shipyard Waste Solutions
CASE CX50 hydraulic compact excavator
Caterpillar 560G Loader, Francisco Equipment
5 4x8 steel road plates
60 yard steel recycling roll-off, Berwick Iron and Metal Recycling

WORK PERFORMED, CHANGES AND REMARKS:

Used two 4x8 steel road plates to cover steam vault cover failure. Placed three 4x8 steel road plates over side walk for a new entrance to the site.
Continued removing piping, ventilation ducts and lighting fixtures over welding booths to prep booths for removal.
resumed removing welding booths and transporting to the DRMO for load out and disposal after steel road plates were in place
Used LEL and PID during welding booth removal to monitor air quality inside building 184
Berwick Iron and Metal Recycling dropped off a new 60 yard roll-off for scrap steel at the DRMO

for Fred Poulin
SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 9/15/2011 Report No. 10

CONTRACT NO.: N62470-08-D-1007

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: cloudy

PM WEATHER: rain

MAX. TEMP: Deg. F 72

MIN. TEMP: Deg. F 63

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
		William Deane	1055057	QC Manager	0.0
	Field Supervision	Fred Poulin		Project Manager	10.0
	Field Supervision	Jon Ward	1247122	QC Specialist	10.0
	Welding booth demolition	Stanley Sinchak	439027	Laborer	10.0
	Welding booth demolition	Eugene Figueroa	438330	Operator	10.0
	Welding booth demolition	Randall Hardy	1174159	Operator	10.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE	50.0
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	310.00
TOTAL WORK HOURS FROM START OF CONSTRUCTION	360.00

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

Using ground guides when operating heavy equipment

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

none

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

Pick Up Truck, Hertz, White Ford F350, Gasoline Motor
30 Yard Dumpster, Shipyard Waste Solutions
CASE CX50 hydraulic compact excavator
Caterpillar 560G Loader, Francisco Equipment
5 4x8 steel road plates
60 yard steel recycling roll-off, Berwick Iron and Metal Recycling

WORK PERFORMED, CHANGES AND REMARKS:

Completed removing piping, ventilation ducts and lighting fixtures over welding booths
Completed removing the welding booths and transporting to the DRMO for load out and disposal
Used LEL and PID during welding booth removal to monitor air quality inside building 184
Began removing fixtures inside bathroom to be demolished

for Fred Poulin

SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 9/16/2011 Report No. 11

CONTRACT NO.: N62470-08-D-1007

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: sun

PM WEATHER: sun

MAX. TEMP: Deg. F 62

MIN. TEMP: Deg. F 47

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
		William Deane	1055057	QC Manager	0.0
	Field Supervision	Fred Poulin		Project Manager	10.0
	Field Supervision	Jon Ward	1247122	QC Specialist	10.0
	Welding booth demolition	Stanley Sinchak	439027	Laborer	10.0
	Welding booth demolition	Eugene Figueroa	438330	Operator	10.0
	Welding booth demolition	Randall Hardy	1174159	Operator	10.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE: 50.0

CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT: 360.00

TOTAL WORK HOURS FROM START OF CONSTRUCTION: 410.00

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

Air quality from running equipment inside building discussed and reviewed PID and LEL warnings

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

none

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

Pick Up Truck, Hertz, White Ford F350, Gasoline Motor
30 Yard Dumpster, Shipyard Waste Solutions
CASE CX50 hydraulic compact excavator
Caterpillar 560G Loader, Francisco Equipment
5 4x8 steel road plates
60 yard steel recycling roll-off, Berwick Iron and Metal Recycling

WORK PERFORMED, CHANGES AND REMARKS:

Steam lines in existing utility trench that crossed over concrete pad were isolated for removal.
Relocated equipment and supplies to the south side of the DRMO as specified by the Navy and under the direction of the RPM
Berwick Iron and Metal Recycling removed the 60 yard steel recycling roll-off

for Fred Poulin
SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 9/19/2011 Report No. 12

CONTRACT NO.: N62470-08-D-1007

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: sun

PM WEATHER: sun

MAX. TEMP: Deg. F 64

MIN. TEMP: Deg. F 44

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
		William Deane	1055057	QC Manager	0.0
	Field Supervision	Fred Poulin		Project Manager	10.0
	Field Supervision	Jon Ward	1247122	QC Specialist	10.0
	Welding booth demolition	Stanley Sinchak	439027	Laborer	10.0
	Welding booth demolition	Eugene Figueroa	438330	Operator	10.0
	Welding booth demolition	Randall Hardy	1174159	Operator	10.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE	50.0
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	410.00
TOTAL WORK HOURS FROM START OF CONSTRUCTION	460.00

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

be aware of nails in construction debris. Slips, Trips, and Falls

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

Clipper C2020 Walk behind saw, Global Rentals
John Deere 320D Skid Steer with sweeper and hoe ram attachments, Global Rentals

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

Pick Up Truck, Hertz, White Ford F350, Gasoline Motor
30 Yard Dumpster, Shipyard Waste Solutions
CASE CX50 hydraulic compact excavator
Caterpillar 560G Loader, Francisco Equipment
5 4x8 steel road plates
Clipper C2020 Walk behind saw, Global Rentals
John Deere 320D Skid Steer with sweeper and hoe ram attachments, Global Rentals

WORK PERFORMED, CHANGES AND REMARKS:

Weekly QC meeting was held in building 184 at 1000 hrs. Items discussed are in meeting minutes.
Completed the demolition of the small bathroom and transported the waste to dumpster at DRMO
Global Rentals delivered a clipper C2020 walk behind saw
Global Rentals delivered a John Deere 320D skid steer with sweeper and hoe ram attachments
utility location was performed over concrete pad by Hager-Richter Environmental

for Fred Poulin

SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 9/20/2011 Report No. 13

CONTRACT NO.: N62470-08-D-1007

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: rain

PM WEATHER: rain

MAX. TEMP: Deg. F 65

MIN. TEMP: Deg. F 48

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
		William Deane	1055057	QC Manager	0.0
	Field Supervision	Fred Poulin		Project Manager	10.0
	Field Supervision	Jon Ward	1247122	QC Specialist	10.0
	Field Supervision	James Kinley		Site Superintendent	10.0
	Tank Lid Removal	Stanley Sinchak	439027	Laborer	10.0
	Tank Lid Removal	Eugene Figueroa	438330	Operator	10.0
	Tank Lid Removal	Randall Hardy	1174159	Operator	10.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE	60.0
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	460.00
TOTAL WORK HOURS FROM START OF CONSTRUCTION	520.00

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

Reviewed JSA and AHA for Tank Lid Removal Activity

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

30 Yard Dumpster, Shipyard Waste Solutions

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

Pick Up Truck, Hertz, White Ford F350, Gasoline Motor
30 Yard Dumpster, Shipyard Waste Solutions
CASE CX50 hydraulic compact excavator
Caterpillar 560G Loader, Francisco Equipment
5 4x8 steel road plates
Clipper C2020 Walk behind saw, Global Rentals
John Deere 320D Skid Steer with sweeper and hoe ram attachments, Global Rentals

WORK PERFORMED, CHANGES AND REMARKS:

Conducted a Preparatory meeting prior to starting Tank Lid Removal Activity.
Shipyard Waste Solutions Removed one 30 yard dumpster and replaced with a new 30 yard dumpster at the DRMO.
Began making relief cuts in the concrete pad with the walk behind concrete saw.
Completed the cells for the lay down area in the DRMO.

for Fred Poulin
SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 9/21/2011 Report No. 14

CONTRACT NO.: N62470-08-D-1007

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: sun

PM WEATHER: sun

MAX. TEMP: Deg. F 73

MIN. TEMP: Deg. F 52

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
		William Deane	1055057	QC Manager	0.0
	Field Supervision	Fred Poulin		Project Manager	10.0
	Field Supervision	Jon Ward	1247122	QC Specialist	10.0
	Field Supervision	James Kinley		Site Superintendent	10.0
	Tank Lid Removal	Stanley Sinchak	439027	Laborer	10.0
	Tank Lid Removal	Eugene Figueroa	438330	Operator	10.0
	Tank Lid Removal	Randall Hardy	1174159	Operator	10.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE	60.0
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	520.00
TOTAL WORK HOURS FROM START OF CONSTRUCTION	580.00

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

Noise, wearing hearing protection

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

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

Pick Up Truck, Hertz, White Ford F350, Gasoline Motor
30 Yard Dumpster, Shipyard Waste Solutions
CASE CX50 hydraulic compact excavator
Caterpillar 560G Loader, Francisco Equipment
5 4x8 steel road plates
Clipper C2020 Walk behind saw, Global Rentals
John Deere 320D Skid Steer with sweeper and hoe ram attachments, Global Rentals

WORK PERFORMED, CHANGES AND REMARKS:

Completed making relief cuts in the concrete pad with the walk behind concrete saw.
Began breaking up the concrete pad with a hoe ram attached to the skid steer. No concrete was moved from its location over the tank vault.

for James Kinley
SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 9/22/2011 Report No. 15

CONTRACT NO.: N62470-08-D-1007

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: rain

PM WEATHER: fog

MAX. TEMP: Deg. F 68

MIN. TEMP: Deg. F 62

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
		William Deane	1055057	QC Manager	0.0
	Field Supervision	Fred Poulin		Project Manager	10.0
	Field Supervision	Jon Ward	1247122	QC Specialist	10.0
	Field Supervision	James Kinley		Site Superintendent	10.0
	Tank Lid Removal	Stanley Sinchak	439027	Laborer	8.0
	Tank Lid Removal	Eugene Figueroa	438330	Operator	8.0
	Tank Lid Removal	Randall Hardy	1174159	Operator	8.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE	54.0
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	580.00
TOTAL WORK HOURS FROM START OF CONSTRUCTION	634.00

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

reviewed the JSA for breaking up the concrete pad

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

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

Pick Up Truck, Hertz, White Ford F350, Gasoline Motor
30 Yard Dumpster, Shipyard Waste Solutions
CASE CX50 hydraulic compact excavator
Caterpillar 560G Loader, Francisco Equipment
5 4x8 steel road plates
Clipper C2020 Walk behind saw, Global Rentals
John Deere 320D Skid Steer with sweeper and hoe ram attachments, Global Rentals

WORK PERFORMED, CHANGES AND REMARKS:

continued breaking up the concrete pad with a hoe ram attached to the skid steer. No concrete was moved from its location over the tank vault.
stowed geotextile fabric at DRMO inside cells to prevent loss due to wind

for James Kinley
SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 9/23/2011 Report No. 16

CONTRACT NO.: N62470-08-D-1007

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: cloudy

PM WEATHER: cloudy

MAX. TEMP: Deg. F 68

MIN. TEMP: Deg. F 64

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
		William Deane	1055057	QC Manager	0.0
	Field Supervision	Fred Poulin		Project Manager	8.0
	Field Supervision	Jon Ward	1247122	QC Specialist	8.0
	Field Supervision	James Kinley		Site Superintendent	8.0
	Tank Lid Removal	Stanley Sinchak	439027	Laborer	8.0
	Tank Lid Removal	Eugene Figueroa	438330	Operator	8.0
	Tank Lid Removal	Randall Hardy	1174159	Operator	8.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE	48.0
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	634.00
TOTAL WORK HOURS FROM START OF CONSTRUCTION	682.00

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

reviewed JSA for tank lid removal

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

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

Pick Up Truck, Hertz, White Ford F350, Gasoline Motor
CASE CX50 hydraulic compact excavator
Caterpillar 560G Loader, Francisco Equipment
5 4x8 steel road plates
John Deere 320D Skid Steer with sweeper and hoe ram attachments, Global Rentals

WORK PERFORMED, CHANGES AND REMARKS:

Completed breaking up the concrete pad with a hoe ram attached to the skid steer.
Began removing concrete pad and staging for transportation to the DRMO. Any Crystalline growth observed was documented and left in place.
Began transporting the concrete to the lay down area at the DRMO using the Loader.
Shipyard Waste solutions picked up the 30 yard Dumpster.
Global Rentals picked up the walk behind saw.

for James Kinley
SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 9/26/2011 Report No. 17

CONTRACT NO.: N62470-08-D-1007

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: sun

PM WEATHER: sun

MAX. TEMP: Deg. F 81

MIN. TEMP: Deg. F 61

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
		William Deane	1055057	QC Manager	0.0
	Field Supervision	Fred Poulin		Project Manager	10.0
	Field Supervision	Jon Ward	1247122	QC Specialist	10.0
	Field Supervision	James Kinley		Site Superintendent	10.0
	Tank Lid Removal	Stanley Sinchak	439027	Laborer	10.0
	Tank Lid Removal	Eugene Figueroa	438330	Operator	10.0
	Tank Lid Removal	Randall Hardy	1174159	Operator	10.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE	60.0
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	682.00
TOTAL WORK HOURS FROM START OF CONSTRUCTION	742.00

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

traffic safety, reviewed HARP

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

30 Yard Dumpster, Shipyard Waste Solutions

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

Pick Up Truck, Hertz, White Ford F350, Gasoline Motor
CASE CX50 hydraulic compact excavator
Caterpillar 560G Loader, Francisco Equipment
5 4x8 steel road plates
John Deere 320D Skid Steer with sweeper and hoe ram attachments, Global Rentals
30 Yard Dumpster, Shipyard Waste Solutions

WORK PERFORMED, CHANGES AND REMARKS:

Continued removing concrete pad and staging for transportation to the DRMO. Any Crystalline growth observed was documented and left in place.
Continued transporting the concrete to the lay down area at the DRMO using the Loader.
Shipyard Waste solutions dropped off a 30 yard Dumpster at the DRMO.

for James Kinley
SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 9/27/2011 Report No. 18

CONTRACT NO.: N62470-08-D-1007

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: sun

PM WEATHER: sun

MAX. TEMP: Deg. F 74

MIN. TEMP: Deg. F 57

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
		William Deane	1055057	QC Manager	0.0
	Field Supervision	Fred Poulin		Project Manager	10.0
	Field Supervision	Jon Ward	1247122	QC Specialist	10.0
	Field Supervision	James Kinley		Site Superintendent	10.0
	Excavation	Stanley Sinchak	439027	Laborer	10.0
	Excavation	Eugene Figueroa	438330	Operator	10.0
	Excavation	Randall Hardy	1174159	Operator	10.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE	60.0
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	742.00
TOTAL WORK HOURS FROM START OF CONSTRUCTION	802.00

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

reviewed AHA for excavation activity

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

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

Pick Up Truck, Hertz, White Ford F350, Gasoline Motor
CASE CX50 hydraulic compact excavator
Caterpillar 560G Loader, Francisco Equipment
5 4x8 steel road plates
John Deere 320D Skid Steer with sweeper, Global Rentals
30 Yard Dumpster, Shipyard Waste Solutions

WORK PERFORMED, CHANGES AND REMARKS:

Completed removing concrete pad and transporting to the DRMO. Any concrete that showed staining was segregated in a different cell.
Began Excavation of the backfill in the tank vault. The backfill that showed signs of staining is being segregated in a different cell.
Global Rentals picked up the hoe ram attachment for the skid steer.

for James Kinley
SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 9/28/2011 Report No. 19

CONTRACT NO.: N62470-08-D-1007

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: sun

PM WEATHER: sun

MAX. TEMP: Deg. F 69

MIN. TEMP: Deg. F 58

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
		William Deane	1055057	QC Manager	0.0
	Field Supervision	Fred Poulin		Project Manager	10.0
	Field Supervision	Jon Ward	1247122	QC Specialist	10.0
	Field Supervision	James Kinley		Site Superintendent	10.0
	Excavation	Stanley Sinchak	439027	Laborer	10.0
	Excavation	Eugene Figueroa	438330	Operator	10.0
	Excavation	Randall Hardy	1174159	Operator	10.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE	60.0
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	802.00
TOTAL WORK HOURS FROM START OF CONSTRUCTION	862.00

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

Heavy equipment saftey

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

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

Pick Up Truck, Hertz, White Ford F350, Gasoline Motor
CASE CX50 hydraulic compact excavator
Caterpillar 560G Loader, Francisco Equipment
5 4x8 steel road plates
John Deere 320D Skid Steer with sweeper, Global Rentals
30 Yard Dumpster, Shipyard Waste Solutions

WORK PERFORMED, CHANGES AND REMARKS:

Continued excavation of the backfill in the tank vault. The soil that showed signs of staining is being segregated in a different cell.
The Backfill material was transported to the DRMO using the Loader

for James Kinley
SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 9/29/2011 Report No. 20

CONTRACT NO.: N62470-08-D-1007

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: cloudy

PM WEATHER: Rain/fog

MAX. TEMP: Deg. F 65

MIN. TEMP: Deg. F 62

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
		William Deane	1055057	QC Manager	0.0
	Field Supervision	Fred Poulin		Project Manager	10.0
	Field Supervision	Jon Ward	1247122	QC Specialist	10.0
	Field Supervision	James Kinley		Site Superintendent	10.0
	Excavation	Stanley Sinchak	439027	Laborer	10.0
	Excavation	Eugene Figueroa	438330	Operator	10.0
	Excavation	Randall Hardy	1174159	Operator	10.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE	60.0
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	862.00
TOTAL WORK HOURS FROM START OF CONSTRUCTION	922.00

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

Refueling saftey

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

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

Pick Up Truck, Hertz, White Ford F350, Gasoline Motor
CASE CX50 hydraulic compact excavator
Caterpillar 560G Loader, Francisco Equipment
5 4x8 steel road plates
John Deere 320D Skid Steer with sweeper, Global Rentals
30 Yard Dumpster, Shipyard Waste Solutions

WORK PERFORMED, CHANGES AND REMARKS:

Continued excavation of the backfill in the tank vault. The soil that showed signs of staining is being segregated in a different cell.
The Backfill material was transported to the DRMO using the Loader

for James Kinley
SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 9/30/2011 Report No. 21

CONTRACT NO.: N62470-08-D-1007

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: sun

PM WEATHER: sun

MAX. TEMP: Deg. F 74

MIN. TEMP: Deg. F 56

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
		William Deane	1055057	QC Manager	0.0
	Field Supervision	Fred Poulin		Project Manager	10.0
	Field Supervision	Jon Ward	1247122	QC Specialist	10.0
	Field Supervision	James Kinley		Site Superintendent	10.0
	Excavation	Stanley Sinchak	439027	Laborer	10.0
	Excavation	Eugene Figueroa	438330	Operator	10.0
	Excavation	Randall Hardy	1174159	Operator	10.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE	60.0
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	922.00
TOTAL WORK HOURS FROM START OF CONSTRUCTION	982.00

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

Teamwork

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

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

Pick Up Truck, Hertz, White Ford F350, Gasoline Motor
CASE CX50 hydraulic compact excavator
Caterpillar 560G Loader, Francisco Equipment
5 4x8 steel road plates
John Deere 320D Skid Steer with sweeper, Global Rentals
30 Yard Dumpster, Shipyard Waste Solutions

WORK PERFORMED, CHANGES AND REMARKS:

Continued excavation of the backfill in the tank vault. The soil that showed signs of staining is being segregated in a different cell.
The Backfill material was transported to the DRMO using the Loader
One waste Characterization sample was collected each for the concrete pad and the first 100 cyd of excavated soil.
Samples were collected at the staging cell in the DRMO.

for James Kinley
SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 10/3/2011 Report No. 22

CONTRACT NO.: N62470-08-D-1007

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: Rain

PM WEATHER: Rain

MAX. TEMP: Deg. F 64

MIN. TEMP: Deg. F 56

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
		William Deane	1055057	QC Manager	0.0
	Field Supervision	Fred Poulin		Project Manager	10.0
	Field Supervision	Jon Ward	1247122	QC Specialist	0.0
	Field Supervision	James Kinley		Site Superintendent	10.0
	Excavation	Stanley Sinchak	439027	Laborer	10.0
	Excavation	Eugene Figueroa	438330	Operator	10.0
	Excavation	Randall Hardy	1174159	Operator	10.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE	50.0
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	982.00
TOTAL WORK HOURS FROM START OF CONSTRUCTION	1,032.00

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

Teamwork

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

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

Pick Up Truck, Hertz, White Ford F350, Gasoline Motor
CASE CX50 hydraulic compact excavator
Caterpillar 560G Loader, Francisco Equipment
5 4x8 steel road plates
John Deere 320D Skid Steer with sweeper, Global Rentals
30 Yard Dumpster, Shipyard Waste Solutions

WORK PERFORMED, CHANGES AND REMARKS:

Continued excavation of the backfill in the tank vault. The soil that showed signs of staining is being segregated in a different cell.
The Backfill material was transported to the DRMO using the Loader

for James Kinley
SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 10/4/2011 Report No. 23

CONTRACT NO.: N62470-08-D-1007

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: Rain

PM WEATHER: Rain

MAX. TEMP: Deg. F 64

MIN. TEMP: Deg. F 52

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
	Field Supervision	William Deane	1055057	QC Manager	10.0
	Field Supervision	Fred Poulin		Project Manager	10.0
	Field Supervision	Jon Ward	1247122	QC Specialist	0.0
	Field Supervision	James Kinley		Site Superintendent	10.0
	Excavation	Stanley Sinchak	439027	Laborer	10.0
	Excavation	Eugene Figueroa	438330	Operator	10.0
	Excavation	Randall Hardy	1174159	Operator	10.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE	60.0
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	1,032.00
TOTAL WORK HOURS FROM START OF CONSTRUCTION	1,092.00

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

Hard Hats

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

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

Pick Up Truck, Hertz, White Ford F350, Gasoline Motor
CASE CX50 hydraulic compact excavator
Caterpillar 560G Loader, Francisco Equipment
5 4x8 steel road plates
John Deere 320D Skid Steer with sweeper, Global Rentals
30 Yard Dumpster, Shipyard Waste Solutions

WORK PERFORMED, CHANGES AND REMARKS:

Completed excavation of the backfill in the tank vault. The soil that showed signs of staining is being segregated in a different cell.
The Backfill material was transported to the DRMO using the Loader
Washed tank floor with clean water. Pumped water into drums and dried floors

for James Kinley
SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 10/5/2011 Report No. 24

CONTRACT NO.: N62470-08-D-1007 WE21

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: Sun

PM WEATHER: Sun

MAX. TEMP: Deg. F 67

MIN. TEMP: Deg. F 49

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
	Field Supervision	William Deane	1055057	QC Manager	10.0
	Field Supervision	Fred Poulin		Project Manager	10.0
	Field Supervision	Jon Ward	1247122	QC Specialist	0.0
	Field Supervision	James Kinley		Site Superintendent	10.0
	Excavation	Stanley Sinchak	439027	Laborer	10.0
	Excavation	Eugene Figueroa	438330	Operator	10.0
	Excavation	Randall Hardy	1174159	Operator	10.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE	60.0
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	1,092.00
TOTAL WORK HOURS FROM START OF CONSTRUCTION	1,152.00

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

Shortcuts

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

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

Pick Up Truck, Hertz, White Ford F350, Gasoline Motor
CASE CX50 hydraulic compact excavator
Caterpillar 560G Loader, Francisco Equipment
5 4x8 steel road plates
John Deere 320D Skid Steer with sweeper, Global Rentals
30 Yard Dumpster, Shipyard Waste Solutions

WORK PERFORMED, CHANGES AND REMARKS:

Visitors onsite - State DEP, Navy, PWD, Cultural Resources, Tetra Tech

Site Walk of cleaned out tank.
Photographer onsite collected photos of Tank Vault Area

Crew performs housekeeping @ DRMO Yard and Qtrs S&N

for James Kinley
SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 10/6/2011 Report No. 25

CONTRACT NO.: N62470-08-D-1007 WE21

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: Sun

PM WEATHER: Sun

MAX. TEMP: Deg. F 61

MIN. TEMP: Deg. F 39

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
	Field Supervision	William Deane	1055057	QC Manager	10.0
	Field Supervision	Fred Poulin		Project Manager	10.0
	Field Supervision	Jon Ward	1247122	QC Specialist	0.0
	Field Supervision	James Kinley		Site Superintendent	10.0
	Excavation	Stanley Sinchak	439027	Laborer	10.0
	Excavation	Eugene Figueroa	438330	Operator	10.0
	Excavation	Randall Hardy	1174159	Operator	10.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE	60.0
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	1,152.00
TOTAL WORK HOURS FROM START OF CONSTRUCTION	1,212.00

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

Seatbelts

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

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

Pick Up Truck, Hertz, White Ford F350, Gasoline Motor
CASE CX50 hydraulic compact excavator
Caterpillar 560G Loader, Francisco Equipment
5 4x8 steel road plates
John Deere 320D Skid Steer with sweeper, Global Rentals
30 Yard Dumpster, Shipyard Waste Solutions

WORK PERFORMED, CHANGES AND REMARKS:

Crew removes top course of brick in anticipation of not having to remove brick lining past this point, as suggested by MEDEP/Navy Comments.
Binding edge between proposed concrete and building wall was cleaned utilizing water and a coarse broom.
All sides of tank were washed, water was allowed to pool into tank vault and will be allowed to air dry

Code 357 Picked up 12 Drums of water discovered in the tank and removed by Shaw.

for James Kinley
SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 10/7/2011 Report No. 26

CONTRACT NO.: N62470-08-D-1007 WE21

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: Sun

PM WEATHER: Sun

MAX. TEMP: Deg. F 80

MIN. TEMP: Deg. F 62

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
	Field Supervision	William Deane	1055057	QC Manager	0.0
	Field Supervision	Fred Poulin		Project Manager	10.0
	Field Supervision	Jon Ward	1247122	QC Specialist	0.0
	Field Supervision	James Kinley		Site Superintendent	10.0
	Excavation	Stanley Sinchak	439027	Laborer	10.0
	Excavation	Eugene Figueroa	438330	Operator	10.0
	Excavation	Randall Hardy	1174159	Operator	10.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE	50.0
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	1,212.00
TOTAL WORK HOURS FROM START OF CONSTRUCTION	1,262.00

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

Driving safety

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

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

Pick Up Truck, Hertz, White Ford F350, Gasoline Motor
CASE CX50 hydraulic compact excavator
Caterpillar 560G Loader, Francisco Equipment
5 4x8 steel road plates
John Deere 320D Skid Steer with sweeper, Global Rentals
30 Yard Dumpster, Shipyard Waste Solutions

WORK PERFORMED, CHANGES AND REMARKS:

Performed bin management at DRMO.

for James Kinley
SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 10/11/2011 Report No. 27

CONTRACT NO.: N62470-08-D-1007 WE21

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: Sun

PM WEATHER: Sun

MAX. TEMP: Deg. F 76

MIN. TEMP: Deg. F 60

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
	Field Supervision	William Deane	1055057	QC Manager	0.0
	Field Supervision	Fred Poulin		Project Manager	10.0
	Field Supervision	Jon Ward	1247122	QC Specialist	10.0
	Field Supervision	James Kinley		Site Superintendent	10.0
	Excavation	Stanley Sinchak	439027	Laborer	10.0
	Excavation	Eugene Figueroa	438330	Operator	10.0
	Excavation	Randall Hardy	1174159	Operator	10.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE	60.0
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	1,262.00
TOTAL WORK HOURS FROM START OF CONSTRUCTION	1,322.00

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

Eye protection

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

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

Pick Up Truck, Hertz, White Ford F350, Gasoline Motor
CASE CX50 hydraulic compact excavator
Caterpillar 560G Loader, Francisco Equipment
5 4x8 steel road plates
John Deere 320D Skid Steer with sweeper, Global Rentals
30 Yard Dumpster, Shipyard Waste Solutions

WORK PERFORMED, CHANGES AND REMARKS:

Installed vehicular access barrier blocks around landfill parking lot using the mini excavator, skid steer, and loader.

for James Kinley
SUPERINTENDENT

DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 10/12/2011 Report No. 28

CONTRACT NO.: N62470-08-D-1007 WE21

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: cloudy

PM WEATHER: cloudy

MAX. TEMP: Deg. F 58

MIN. TEMP: Deg. F 46

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
	Field Supervision	William Deane	1055057	QC Manager	0.0
	Field Supervision	Fred Poulin		Project Manager	10.0
	Field Supervision	Jon Ward	1247122	QC Specialist	10.0
	Field Supervision	James Kinley		Site Superintendent	10.0
	Excavation	Stanley Sinchak	439027	Laborer	10.0
	Excavation	Eugene Figueroa	438330	Operator	10.0
	Excavation	Randall Hardy	1174159	Operator	10.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE	60.0
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	1,322.00
TOTAL WORK HOURS FROM START OF CONSTRUCTION	1,382.00

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

HASP refresher

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

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

Pick Up Truck, Hertz, White Ford F350, Gasoline Motor
CASE CX50 hydraulic compact excavator
Caterpillar 560G Loader, Francisco Equipment
5 4x8 steel road plates
John Deere 320D Skid Steer with sweeper, Global Rentals
30 Yard Dumpster, Shipyard Waste Solutions

WORK PERFORMED, CHANGES AND REMARKS:

Continued Installation of vehicular access barrier blocks around landfill parking lot using the mini excavator, skid steer, and loader.

for James Kinley
SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 10/13/2011 Report No. 29

CONTRACT NO.: N62470-08-D-1007 WE21

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: rain

PM WEATHER: rain

MAX. TEMP: Deg. F 61

MIN. TEMP: Deg. F 55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
	Field Supervision	William Deane	1055057	QC Manager	0.0
	Field Supervision	Fred Poulin		Project Manager	10.0
	Field Supervision	Jon Ward	1247122	QC Specialist	10.0
	Field Supervision	James Kinley		Site Superintendent	10.0
	Excavation	Stanley Sinchak	439027	Laborer	10.0
	Excavation	Eugene Figueroa	438330	Operator	10.0
	Excavation	Randall Hardy	1174159	Operator	10.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE	60.0
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	1,382.00
TOTAL WORK HOURS FROM START OF CONSTRUCTION	1,442.00

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

wet weather safety

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

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

Pick Up Truck, Hertz, White Ford F350, Gasoline Motor
CASE CX50 hydraulic compact excavator
Caterpillar 560G Loader, Francisco Equipment
5 4x8 steel road plates
John Deere 320D Skid Steer with sweeper, Global Rentals
30 Yard Dumpster, Shipyard Waste Solutions

WORK PERFORMED, CHANGES AND REMARKS:

Continued Installation of vehicular access barrier blocks around landfill parking lot using the mini excavator, skid steer, and loader.

for James Kinley
SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 10/14/2011 Report No. 30

CONTRACT NO.: N62470-08-D-1007 WE21

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: rain

PM WEATHER: rain

MAX. TEMP: Deg. F 64

MIN. TEMP: Deg. F 57

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
	Field Supervision	William Deane	1055057	QC Manager	0.0
	Field Supervision	Fred Poulin		Project Manager	8.0
	Field Supervision	Jon Ward	1247122	QC Specialist	8.0
	Field Supervision	James Kinley		Site Superintendent	8.0
	Excavation	Stanley Sinchak	439027	Laborer	8.0
	Excavation	Eugene Figueroa	438330	Operator	8.0
	Excavation	Randall Hardy	1174159	Operator	8.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE	48.0
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	1,442.00
TOTAL WORK HOURS FROM START OF CONSTRUCTION	1,490.00

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

Parking lot safety

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

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

Pick Up Truck, Hertz, White Ford F350, Gasoline Motor
CASE CX50 hydraulic compact excavator
Caterpillar 560G Loader, Francisco Equipment
5 4x8 steel road plates
John Deere 320D Skid Steer with sweeper, Global Rentals
30 Yard Dumpster, Shipyard Waste Solutions

WORK PERFORMED, CHANGES AND REMARKS:

Continued Installation of vehicular access barrier blocks around landfill parking lot using the mini excavator, skid steer, and loader.

for James Kinley
SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 10/17/2011 Report No. 31

CONTRACT NO.: N62470-08-D-1007 WE21

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: sun

PM WEATHER: sun

MAX. TEMP: Deg. F 63

MIN. TEMP: Deg. F 51

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
	Field Supervision	William Deane	1055057	QC Manager	0.0
	Field Supervision	Fred Poulin		Project Manager	10.0
	Field Supervision	Jon Ward	1247122	QC Specialist	10.0
	Field Supervision	James Kinley		Site Superintendent	10.0
	Excavation	Stanley Sinchak	439027	Laborer	10.0
	Excavation	Eugene Figueroa	438330	Operator	10.0
	Excavation	Randall Hardy	1174159	Operator	10.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE	60.0
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	1,490.00
TOTAL WORK HOURS FROM START OF CONSTRUCTION	1,550.00

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

cold and windy weather preparedness

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

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

Pick Up Truck, Hertz, White Ford F350, Gasoline Motor
CASE CX50 hydraulic compact excavator
Caterpillar 560G Loader, Francisco Equipment
5 4x8 steel road plates
John Deere 320D Skid Steer with sweeper, Global Rentals
30 Yard Dumpster, Shipyard Waste Solutions

WORK PERFORMED, CHANGES AND REMARKS:

Continued Installation of vehicular access barrier blocks around landfill parking lot using the mini excavator, skid steer, and loader.

for James Kinley
SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 10/18/2011 Report No. 32

CONTRACT NO.: N62470-08-D-1007 WE21

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: sun

PM WEATHER: sun

MAX. TEMP: Deg. F 63

MIN. TEMP: Deg. F 46

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
	Field Supervision	William Deane	1055057	QC Manager	0.0
	Field Supervision	Fred Poulin		Project Manager	10.0
	Field Supervision	Jon Ward	1247122	QC Specialist	10.0
	Field Supervision	James Kinley		Site Superintendent	10.0
	Excavation	Stanley Sinchak	439027	Laborer	10.0
	Excavation	Eugene Figueroa	438330	Operator	10.0
	Excavation	Randall Hardy	1174159	Operator	10.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE	60.0
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	1,550.00
TOTAL WORK HOURS FROM START OF CONSTRUCTION	1,610.00

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

complacency

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

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

Pick Up Truck, Hertz, White Ford F350, Gasoline Motor
CASE CX50 hydraulic compact excavator
Caterpillar 560G Loader, Francisco Equipment
5 4x8 steel road plates
John Deere 320D Skid Steer with sweeper, Global Rentals
30 Yard Dumpster, Shipyard Waste Solutions

WORK PERFORMED, CHANGES AND REMARKS:

Performed drum removal inside controlled industrial area using the pickup truck and skid steer.
Drum was placed in a over pack and transported to building 357 using the skid steer.

Continued Installation of vehicular access barrier blocks around landfill parking lot using the mini excavator and loader.

for James Kinley
SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 10/19/2011 Report No. 33

CONTRACT NO.: N62470-08-D-1007 WE21

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: cloudy

PM WEATHER: rain

MAX. TEMP: Deg. F 57

MIN. TEMP: Deg. F 45

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
	Field Supervision	William Deane	1055057	QC Manager	0.0
	Field Supervision	Fred Poulin		Project Manager	10.0
	Field Supervision	Jon Ward	1247122	QC Specialist	10.0
	Field Supervision	James Kinley		Site Superintendent	10.0
	Excavation	Stanley Sinchak	439027	Laborer	10.0
	Excavation	Eugene Figueroa	438330	Operator	10.0
	Excavation	Randall Hardy	1174159	Operator	10.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE	60.0
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	1,610.00
TOTAL WORK HOURS FROM START OF CONSTRUCTION	1,670.00

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

Teamwork

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

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

Pick Up Truck, Hertz, White Ford F350, Gasoline Motor
CASE CX50 hydraulic compact excavator
Caterpillar 560G Loader, Francisco Equipment
5 4x8 steel road plates
John Deere 320D Skid Steer with sweeper, Global Rentals
30 Yard Dumpster, Shipyard Waste Solutions

WORK PERFORMED, CHANGES AND REMARKS:

Spread seed and straw around bare areas at the land fill.
Performed site clean up.
Decontaminated the compact excavator for pick up by Sunbelt.

for James Kinley
SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 10/20/2011 Report No. 34

CONTRACT NO.: N62470-08-D-1007 WE21

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: rain

PM WEATHER: rain

MAX. TEMP: Deg. F 67

MIN. TEMP: Deg. F 53

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
	Field Supervision	William Deane	1055057	QC Manager	0.0
	Field Supervision	Fred Poulin		Project Manager	0.0
	Field Supervision	Jon Ward	1247122	QC Specialist	0.0
	Field Supervision	James Kinley		Site Superintendent	0.0
	Excavation	Stanley Sinchak	439027	Laborer	0.0
	Excavation	Eugene Figueroa	438330	Operator	0.0
	Excavation	Randall Hardy	1174159	Operator	0.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE	0.0
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	1,670.00
TOTAL WORK HOURS FROM START OF CONSTRUCTION	1,670.00

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

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

Pick Up Truck, Hertz, White Ford F350, Gasoline Motor
Caterpillar 560G Loader, Francisco Equipment
5 4x8 steel road plates
John Deere 320D Skid Steer with sweeper, Global Rentals
30 Yard Dumpster, Shipyard Waste Solutions

WORK PERFORMED, CHANGES AND REMARKS:

No work
Demobilization for rotation weekend
Sunbelt removed the Compact excavator

for James Kinley
SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 10/21/2011 Report No. 35

CONTRACT NO.: N62470-08-D-1007 WE21

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: sun

PM WEATHER: sun

MAX. TEMP: Deg. F 62

MIN. TEMP: Deg. F 47

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
	Field Supervision	William Deane	1055057	QC Manager	0.0
	Field Supervision	Fred Poulin		Project Manager	0.0
	Field Supervision	Jon Ward	1247122	QC Specialist	0.0
	Field Supervision	James Kinley		Site Superintendent	0.0
	Excavation	Stanley Sinchak	439027	Laborer	0.0
	Excavation	Eugene Figueroa	438330	Operator	0.0
	Excavation	Randall Hardy	1174159	Operator	0.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE	0.0
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	1,670.00
TOTAL WORK HOURS FROM START OF CONSTRUCTION	1,670.00

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

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

Pick Up Truck, Hertz, White Ford F350, Gasoline Motor
Caterpillar 560G Loader, Francisco Equipment
5 4x8 steel road plates
John Deere 320D Skid Steer with sweeper, Global Rentals
30 Yard Dumpster, Shipyard Waste Solutions

WORK PERFORMED, CHANGES AND REMARKS:

No Work, rotation weekend

for James Kinley
SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 10/24/2011 Report No. 36

CONTRACT NO.: N62470-08-D-1007 WE21

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: fog

PM WEATHER: rain

MAX. TEMP: Deg. F 58

MIN. TEMP: Deg. F 37

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
	Field Supervision	William Deane	1055057	QC Manager	0.0
	Field Supervision	Fred Poulin		Project Manager	0.0
	Field Supervision	Jon Ward	1247122	QC Specialist	0.0
	Field Supervision	James Kinley		Site Superintendent	0.0
	Excavation	Stanley Sinchak	439027	Laborer	0.0
	Excavation	Eugene Figueroa	438330	Operator	0.0
	Excavation	Randall Hardy	1174159	Operator	0.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE	0.0
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	1,670.00
TOTAL WORK HOURS FROM START OF CONSTRUCTION	1,670.00

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

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

Pick Up Truck, Hertz, White Ford F350, Gasoline Motor
Caterpillar 560G Loader, Francisco Equipment
5 4x8 steel road plates
John Deere 320D Skid Steer with sweeper, Global Rentals
30 Yard Dumpster, Shipyard Waste Solutions

WORK PERFORMED, CHANGES AND REMARKS:

No work
Mobilization back from rotation weekend

for James Kinley
SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 10/25/2011 Report No. 34

CONTRACT NO.: N62470-08-D-1007 WE21

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: sun

PM WEATHER: sun

MAX. TEMP: Deg. F 58

MIN. TEMP: Deg. F 45

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
	Field Supervision	William Deane	1055057	QC Manager	0.0
	Field Supervision	Fred Poulin		Project Manager	10.0
	Field Supervision	Jon Ward	1247122	QC Specialist	10.0
	Field Supervision	James Kinley		Site Superintendent	10.0
	Backfill	Stanley Sinchak	439027	Laborer	0.0
	Backfill	Eugene Figueroa	438330	Operator	10.0
	Backfill	Randall Hardy	1174159	Operator	10.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE	50.0
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	1,670.00
TOTAL WORK HOURS FROM START OF CONSTRUCTION	1,720.00

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

back to work safety

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

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

Pick Up Truck, Hertz, White Ford F350, Gasoline Motor
Caterpillar 560G Loader, Francisco Equipment
5 4x8 steel road plates
John Deere 320D Skid Steer with sweeper, Global Rentals
30 Yard Dumpster, Shipyard Waste Solutions

WORK PERFORMED, CHANGES AND REMARKS:

Began backfill of the tank vault at building 184 using aggregate. Transported from the DRMO with the loader and placed in the vault with the skid steer.

for James Kinley
SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 10/26/2011 Report No. 38

CONTRACT NO.: N62470-08-D-1007 WE21

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: cloudy

PM WEATHER: cloudy

MAX. TEMP: Deg. F 48

MIN. TEMP: Deg. F 41

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
	Field Supervision	William Deane	1055057	QC Manager	0.0
	Field Supervision	Fred Poulin		Project Manager	10.0
	Field Supervision	Jon Ward	1247122	QC Specialist	10.0
	Field Supervision	James Kinley		Site Superintendent	10.0
	Backfill	Stanley Sinchak	439027	Laborer	0.0
	Backfill	Eugene Figueroa	438330	Operator	10.0
	Backfill	Randall Hardy	1174159	Operator	10.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE	50.0
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	1,720.00
TOTAL WORK HOURS FROM START OF CONSTRUCTION	1,770.00

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

motor vehicle inspection

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

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

Pick Up Truck, Hertz, White Ford F350, Gasoline Motor
Caterpillar 560G Loader, Francisco Equipment
5 4x8 steel road plates
John Deere 320D Skid Steer with sweeper, Global Rentals
30 Yard Dumpster, Shipyard Waste Solutions
Remote one ton roller compactor, Hill View Rentals

WORK PERFORMED, CHANGES AND REMARKS:

Hill View Rentals dropped off one Remote one ton roller at building 184.
continued backfill of the tank vault at building 184 using aggregate. Transported from the DRMO with the loader and placed in the vault with the skid steer.
Compacted using the one ton roller.

for James Kinley
SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 10/27/2011 Report No. 39

CONTRACT NO.: N62470-08-D-1007 WE21

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: rain

PM WEATHER: rain

MAX. TEMP: Deg. F 45

MIN. TEMP: Deg. F 40

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
	Field Supervision	William Deane	1055057	QC Manager	0.0
	Field Supervision	Fred Poulin		Project Manager	10.0
	Field Supervision	Jon Ward	1247122	QC Specialist	10.0
	Field Supervision	James Kinley		Site Superintendent	10.0
	Backfill	Stanley Sinchak	439027	Laborer	0.0
	Backfill	Eugene Figueroa	438330	Operator	10.0
	Backfill	Randall Hardy	1174159	Operator	10.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE	50.0
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	1,720.00
TOTAL WORK HOURS FROM START OF CONSTRUCTION	1,770.00

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

backing up

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

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

Pick Up Truck, Hertz, White Ford F350, Gasoline Motor
Caterpillar 560G Loader, Francisco Equipment
5 4x8 steel road plates
John Deere 320D Skid Steer with sweeper, Global Rentals
30 Yard Dumpster, Shipyard Waste Solutions
Remote one ton roller compactor, Hill View Rentals

WORK PERFORMED, CHANGES AND REMARKS:

Aggregate Industries delivered 117.41 tons of 3/4" minus (crusher run) to the DRMO.
continued backfill of the tank vault at building 184 using aggregate. Transported from the DRMO with the loader and placed in the vault with the skid steer.
Compacted using the one ton roller.

for James Kinley
SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 10/28/2011 Report No. 40

CONTRACT NO.: N62470-08-D-1007 WE21

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: sun

PM WEATHER: sun

MAX. TEMP: Deg. F 47

MIN. TEMP: Deg. F 31

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
	Field Supervision	William Deane	1055057	QC Manager	0.0
	Field Supervision	Fred Poulin		Project Manager	8.0
	Field Supervision	Jon Ward	1247122	QC Specialist	8.0
	Field Supervision	James Kinley		Site Superintendent	8.0
	Backfill	Stanley Sinchak	439027	Laborer	0.0
	Backfill	Eugene Figueroa	438330	Operator	8.0
	Backfill	Randall Hardy	1174159	Operator	8.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE	40.0
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	1,770.00
TOTAL WORK HOURS FROM START OF CONSTRUCTION	1,810.00

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

proper PPE

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

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

Pick Up Truck, Hertz, White Ford F350, Gasoline Motor
Caterpillar 560G Loader, Francisco Equipment
5 4x8 steel road plates
John Deere 320D Skid Steer with sweeper, Global Rentals
30 Yard Dumpster, Shipyard Waste Solutions
Remote one ton roller compactor, Hill View Rentals

WORK PERFORMED, CHANGES AND REMARKS:

continued backfill of the tank vault at building 184 using aggregate. Transported from the DRMO with the loader and placed in the vault with the skid steer. Compacted using the one ton roller.

for James Kinley
SUPERINTENDENT

DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 10/31/2011 Report No. 41

CONTRACT NO.: N62470-08-D-1007 WE21

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: sun

PM WEATHER: sun

MAX. TEMP: Deg. F 52

MIN. TEMP: Deg. F 28

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
	Field Supervision	William Deane	1055057	QC Manager	0.0
	Field Supervision	Fred Poulin		Project Manager	10.0
	Field Supervision	Jon Ward	1247122	QC Specialist	10.0
	Field Supervision	James Kinley		Site Superintendent	10.0
	Backfill	Stanley Sinchak	439027	Laborer	0.0
	Backfill	Eugene Figueroa	438330	Operator	10.0
	Backfill	Randall Hardy	1174159	Operator	10.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE	50.0
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	1,810.00
TOTAL WORK HOURS FROM START OF CONSTRUCTION	1,860.00

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

Excavation safety

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

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

Pick Up Truck, Hertz, White Ford F350, Gasoline Motor
Caterpillar 560G Loader, Francisco Equipment
5 4x8 steel road plates
John Deere 320D Skid Steer with sweeper, Global Rentals
30 Yard Dumpster, Shipyard Waste Solutions
Remote one ton roller compactor, Hill View Rentals

WORK PERFORMED, CHANGES AND REMARKS:

continued backfill of the tank vault at building 184 using aggregate. Transported from the DRMO with the loader and placed in the vault with the skid steer.
Compacted using the one ton roller.
Received 34.62 tons of 3/4" minus aggregate from Aggregate Industries.

for James Kinley
SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 11/1/2011 Report No. 42

CONTRACT NO.: N62470-08-D-1007 WE21

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: sun

PM WEATHER: sun

MAX. TEMP: Deg. F 51

MIN. TEMP: Deg. F 31

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
	Field Supervision	William Deane	1055057	QC Manager	0.0
	Field Supervision	Fred Poulin		Project Manager	10.0
	Field Supervision	Jon Ward	1247122	QC Specialist	10.0
	Field Supervision	James Kinley		Site Superintendent	10.0
	Backfill	Stanley Sinchak	439027	Laborer	0.0
	Backfill	Eugene Figueroa	438330	Operator	10.0
	Backfill	Randall Hardy	1174159	Operator	10.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE	50.0
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	1,860.00
TOTAL WORK HOURS FROM START OF CONSTRUCTION	1,910.00

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

Underground/ overhead utilities

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

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

Pick Up Truck, Hertz, White Ford F350, Gasoline Motor
Caterpillar 560G Loader, Francisco Equipment
5 4x8 steel road plates
John Deere 320D Skid Steer with sweeper, Global Rentals
30 Yard Dumpster, Shipyard Waste Solutions
Remote one ton roller compactor, Hill View Rentals

WORK PERFORMED, CHANGES AND REMARKS:

continued backfill of the tank vault at building 184 using aggregate. Transported from the DRMO with the loader and placed in the vault with the skid steer.
Compacted using the one ton roller.
Received 46.3 tons of 3/4" minus aggregate from Aggregate Industries.

for James Kinley
SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 11/2/2011 Report No. 43

CONTRACT NO.: N62470-08-D-1007 WE21

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: sun

PM WEATHER: sun

MAX. TEMP: Deg. F 55

MIN. TEMP: Deg. F 29

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
	Field Supervision	William Deane	1055057	QC Manager	10.0
	Field Supervision	Fred Poulin		Project Manager	10.0
	Field Supervision	Jon Ward	1247122	QC Specialist	10.0
	Field Supervision	James Kinley		Site Superintendent	10.0
	Backfill	Stanley Sinchak	439027	Laborer	0.0
	Backfill	Eugene Figueroa	438330	Operator	10.0
	Backfill	Randall Hardy	1174159	Operator	10.0
	Field Supervision	Kym Edelman		Health and safety	10.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE	70.0
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	1,910.00
TOTAL WORK HOURS FROM START OF CONSTRUCTION	1,980.00

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

Traffic safety

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

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

Pick Up Truck, Hertz, White Ford F350, Gasoline Motor
Caterpillar 560G Loader, Francisco Equipment
5 4x8 steel road plates
John Deere 320D Skid Steer with sweeper, Global Rentals
30 Yard Dumpster, Shipyard Waste Solutions
Remote one ton roller compactor, Hill View Rentals
Vibrating plate tamper, Sunbelt rentals

WORK PERFORMED, CHANGES AND REMARKS:

Picked up a Vibrating plate tamper from Sunbelt rentals.
Completed backfill of the tank vault at building 184 using 3/4" minus aggregate.
Compacted using the one ton roller and vibrating plate tamper.

for James Kinley
SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 11/3/2011 Report No. 44

CONTRACT NO.: N62470-08-D-1007 WE21

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: sun

PM WEATHER: sun

MAX. TEMP: Deg. F 59

MIN. TEMP: Deg. F 30

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
	Field Supervision	William Deane	1055057	QC Manager	0.0
	Field Supervision	Fred Poulin		Project Manager	10.0
	Field Supervision	Jon Ward	1247122	QC Specialist	10.0
	Field Supervision	James Kinley		Site Superintendent	10.0
	Transportation and Disposal	Stanley Sinchak	439027	Laborer	10.0
	Transportation and Disposal	Eugene Figueroa	438330	Operator	10.0
	Transportation and Disposal	Randall Hardy	1174159	Operator	10.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE	60.0
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	1,980.00
TOTAL WORK HOURS FROM START OF CONSTRUCTION	2,040.00

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

Traffic safety for T&D Trucks around shipyard

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

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

Pick Up Truck, Hertz, White Ford F350, Gasoline Motor
Caterpillar 560G Loader, Francisco Equipment
5 4x8 steel road plates
John Deere 320D Skid Steer with sweeper, Global Rentals
30 Yard Dumpster, Shipyard Waste Solutions
Remote one ton roller compactor, Hill View Rentals

WORK PERFORMED, CHANGES AND REMARKS:

Returned the vibrating plate tamper to sunbelt rentals.
Began transportation and disposal of backfill from building 184.
7 trucks from Global Remediation Services transported 220.76 tons of backfill located at the DRMO to Casella Landfill

for James Kinley
SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 11/4/2011 Report No. 45

CONTRACT NO.: N62470-08-D-1007 WE21

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: sun

PM WEATHER: sun

MAX. TEMP: Deg. F 51

MIN. TEMP: Deg. F 32

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
	Field Supervision	William Deane	1055057	QC Manager	0.0
	Field Supervision	Fred Poulin		Project Manager	10.0
	Field Supervision	Jon Ward	1247122	QC Specialist	10.0
	Field Supervision	James Kinley		Site Superintendent	10.0
	Transportation and Disposal	Stanley Sinchak	439027	Laborer	10.0
	Transportation and Disposal	Eugene Figueroa	438330	Operator	10.0
	Transportation and Disposal	Randall Hardy	1174159	Operator	10.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE	60.0
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	2,040.00
TOTAL WORK HOURS FROM START OF CONSTRUCTION	2,100.00

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

Safety while loading trucks during T&D

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

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

WORK PERFORMED, CHANGES AND REMARKS:

Completed transportation and disposal of the backfill from building 184. 2 trucks delivered 58.22 tons of backfill to Casella Landfill
Transported and disposed of the concrete pad and bricks from building 184.
5 trucks from Shipyard Waste Solutions transported 79.73 tons of concrete and bricks located at the DRMO to Aggregate Recycling Corp.
Hill View Rentals picked up the remote one ton roller compactor.
Moved all equipment over to project #139281

for James Kinley
SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 11/7/2011 Report No. 46

CONTRACT NO.: N62470-08-D-1007 WE21

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: sun

PM WEATHER: sun

MAX. TEMP: Deg. F 63

MIN. TEMP: Deg. F 34

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
	Field Supervision	William Deane	1055057	QC Manager	0.0
	Field Supervision	Fred Poulin		Project Manager	0.0
	Field Supervision	Jon Ward	1247122	QC Specialist	0.0
	Field Supervision	James Kinley		Site Superintendent	0.0
	Transportation and Disposal	Stanley Sinchak	439027	Laborer	0.0
	Transportation and Disposal	Eugene Figueroa	438330	Operator	0.0
	Transportation and Disposal	Randall Hardy	1174159	Operator	0.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE	0.0
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	2,100.00
TOTAL WORK HOURS FROM START OF CONSTRUCTION	2,100.00

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

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

WORK PERFORMED, CHANGES AND REMARKS:

No Work

for James Kinley

SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 11/8/2011 Report No. 47

CONTRACT NO.: N62470-08-D-1007 WE21

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: sun

PM WEATHER: sun

MAX. TEMP: Deg. F 69

MIN. TEMP: Deg. F 42

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
	Field Supervision	William Deane	1055057	QC Manager	0.0
	Field Supervision	Fred Poulin		Project Manager	0.0
	Field Supervision	Jon Ward	1247122	QC Specialist	0.0
	Field Supervision	James Kinley		Site Superintendent	0.0
	Transportation and Disposal	Stanley Sinchak	439027	Laborer	0.0
	Transportation and Disposal	Eugene Figueroa	438330	Operator	0.0
	Transportation and Disposal	Randall Hardy	1174159	Operator	0.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE	0.0
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	2,100.00
TOTAL WORK HOURS FROM START OF CONSTRUCTION	2,100.00

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

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

WORK PERFORMED, CHANGES AND REMARKS:

No Work

for James Kinley

SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 11/9/2011 Report No. 48

CONTRACT NO.: N62470-08-D-1007 WE21

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: sun

PM WEATHER: sun

MAX. TEMP: Deg. F 67

MIN. TEMP: Deg. F 40

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
	Field Supervision	William Deane	1055057	QC Manager	0.0
	Field Supervision	Fred Poulin		Project Manager	0.0
	Field Supervision	Jon Ward	1247122	QC Specialist	0.0
	Field Supervision	James Kinley		Site Superintendent	0.0
	Transportation and Disposal	Stanley Sinchak	439027	Laborer	0.0
	Transportation and Disposal	Eugene Figueroa	438330	Operator	0.0
	Transportation and Disposal	Randall Hardy	1174159	Operator	0.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE	0.0
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	2,100.00
TOTAL WORK HOURS FROM START OF CONSTRUCTION	2,100.00

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

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

WORK PERFORMED, CHANGES AND REMARKS:

No Work

for James Kinley

SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 11/10/2011 Report No. 49

CONTRACT NO.: N62470-08-D-1007 WE21

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: rain

PM WEATHER: rain

MAX. TEMP: Deg. F 63

MIN. TEMP: Deg. F 52

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
	Field Supervision	William Deane	1055057	QC Manager	0.0
	Field Supervision	Fred Poulin		Project Manager	1.0
	Field Supervision	Jon Ward	1247122	QC Specialist	1.0
	Field Supervision	James Kinley		Site Superintendent	1.0
	Transportation and Disposal	Stanley Sinchak	439027	Laborer	0.0
	Transportation and Disposal	Eugene Figueroa	438330	Operator	0.0
	Transportation and Disposal	Randall Hardy	1174159	Operator	0.0
	Field Supervision	Michael Harrison		SSHO	1.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE	4.0
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	2,100.00
TOTAL WORK HOURS FROM START OF CONSTRUCTION	2,104.00

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

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

WORK PERFORMED, CHANGES AND REMARKS:

No Work
Management attended Preparatory meeting for concrete pad placement

for James Kinley
SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 11/11/2011 Report No. 50

CONTRACT NO.: N62470-08-D-1007 WE21

TITLE AND LOCATION: Removal Action
Site 30, Building 184, Portsmouth Naval Shipyard, Kittery ME

CONTRACTOR: Shaw Environmental and Infrastructure, Inc

SUPERINTENDENT: Fred Poulin

AM WEATHER: cloudy

PM WEATHER: cloudy

MAX. TEMP: Deg. F 55

MIN. TEMP: Deg. F 36

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYEE	NUMBER	TRADE	HRS
	Field Supervision	William Deane	1055057	QC Manager	0.0
	Field Supervision	Fred Poulin		Project Manager	0.0
	Field Supervision	Jon Ward	1247122	QC Specialist	0.0
	Field Supervision	James Kinley		Site Superintendent	0.0
	Transportation and Disposal	Stanley Sinchak	439027	Laborer	0.0
	Transportation and Disposal	Eugene Figueroa	438330	Operator	0.0
	Transportation and Disposal	Randall Hardy	1174159	Operator	0.0
	Field Supervision	Michael Harrison		SSHO	0.0

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE THIS DATE	0.0
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	2,104.00
TOTAL WORK HOURS FROM START OF CONSTRUCTION	2,104.00

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

☑ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

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

WORK PERFORMED, CHANGES AND REMARKS:

No Work
Veterans Day

for James Kinley
SUPERINTENDENT

DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 14-Nov-11		
CONTRACT NO N62470-08-D-1007	TITLE AND LOCATION Site 30 BLDG. 184 Removal Action, Portsmouth Naval Shipyard	REPORT NO 051
CONTRACTOR Shaw E & I	Project SUPERINTENDENT James Kinley	Site Engineer John Ward
AM WEATHER Cloudy	PM WEATHER Cloudy	MAX TEMP F 62
MIN TEMP F 49		

WORK PERFORMED TODAY

Item #	WORK LOCATION AND DESCRIPTION	Employee	Number	Trade	Hrs.
90001000	Field Supervision & Management	James Kinley	1	Supervisor	0.00
90001000	Field Supervision & Management	Bill Dean	1	QC Manager	0.00
90001000	Field Supervision & Management	Fred Poulin	1	Project Manager	0.00
90001000	Field Supervision & Management	jon Ward	1	QC Specialist	0.00
90001000	Field Supervision & Management	Mike Harrison	1	Health/Safetly	0.00
20002000	Site set up	Gene Figueroa	1	Operator	0.00
20002000	Site set up	Ranall Hardy	1	Operator	0.00
20002000	Site set up	Stan Sinchak	1	Labor	0.00

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	0.00
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	2104.00
TOTAL WORK HOURS FROM START OF CONSTRUCTION	2104.00

Schedule Item #:	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☑ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Item #	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used

REMARKS

No Work

James Kinley 11/15/2011

CONTRACTOR/SUPERINTENDENT

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 15-Nov-11		
CONTRACT NO N62470-08-D-1007	TITLE AND LOCATION Site 30 BLDG. 184 Removal Action, Portsmouth Naval Shipyard	REPORT NO 052
CONTRACTOR Shaw E & I	Project SUPERINTENDENT James Kinley	Site Engineer John Ward
AM WEATHER Cloudy/Showers	PM WEATHER Cloudy	MAX TEMP F 60
MIN TEMP F 50		

WORK PERFORMED TODAY

Item #	WORK LOCATION AND DESCRIPTION	Employee	Number	Trade	Hrs.
90001000	Field Supervision & Management	James Kinley	1	Supervisor	0.00
90001000	Field Supervision & Management	Bill Dean	1	QC Manager	0.00
90001000	Field Supervision & Management	Fred Poulin	1	Project Manager	10.00
90001000	Field Supervision & Management	jon Ward	1	QC Specialist	10.00
90001000	Field Supervision & Management	Mike Harrison	1	Health/Safetly	5.00
20002000	Site set up	Gene Figueroa	1	Operator	0.00
20002000	Site set up	Ranall Hardy	1	Operator	0.00
20002000	Site set up	Stan Sinchak	1	Labor	0.00
	HL Patton		2		3.00
	SW Cole		1		1.00

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	29.00
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	2104.00
TOTAL WORK HOURS FROM START OF CONSTRUCTION	2133.00

Schedule Item #:	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☑ SAFETY REQUIREMENTS HAVE BEEN MET.
	Safety Topic: Level D Protection	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Item #	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
		Concrete Saw	3

REMARKS

HL Patton on site to do cutting of concrete side wall.
SW Cole was on site to do compaction test of stone.

James Kinley 11/15/2011
CONTRACTOR/SUPERINTENDENT

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 16-Nov-11		
CONTRACT NO N62470-08-D-1007	TITLE AND LOCATION Site 30 BLDG. 184 Removal Action, Portsmouth Naval Shipyard	REPORT NO 053
CONTRACTOR Shaw E & I	Project SUPERINTENDENT James Kinley	Site Engineer John Ward
AM WEATHER Sunny	PM WEATHER Rain	MAX TEMP F 60
MIN TEMP F 50		

WORK PERFORMED TODAY

Item #	WORK LOCATION AND DESCRIPTION	Employee	Number	Trade	Hrs.
90001000	Field Supervision & Management	James Kinley	1	Supervisor	10.00
90001000	Field Supervision & Management	Bill Dean	1	QC Manager	10.00
90001000	Field Supervision & Management	Fred Poulin	1	Project Manager	10.00
90001000	Field Supervision & Management	jon Ward	1	QC Specialist	10.00
90001000	Field Supervision & Management	Mike Harrison	1	Health/Safetly	10.00
20002000	Site set up	Gene Figueroa	1	Operator	0.00
20002000	Site set up	Ranall Hardy	1	Operator	0.00
20002000	Site set up	Stan Sinchak	1	Labor	0.00
	HL Patton		5		10.00
	SW Cole		1		7.00
	Northeast pumping		1		7.00

JOB SAFETY

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

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? ☐ YES ☑ NO
(If YES attach copy of completed OSHA report)

WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? ☐ YES ☑ NO
(If YES attach statement or checklist showing inspection performed.)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ☐ YES ☑ NO
(If YES attach description of incident and proposed action.)

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	74.00
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	2133.00
TOTAL WORK HOURS FROM START OF CONSTRUCTION	2207.00

Schedule Item #:	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☑ SAFETY REQUIREMENTS HAVE BEEN MET.
	Safety Topic: Noise and Airmonitoring	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Item #	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Hertz	Ford F-350	10

REMARKS

HL Patton on site for concrete pour. 6x6 welded wire was placed in concrete.
SW Cole was on site to do sandcones.
Northeast pumping with pump truck.
Hussung had 4 trucks with concrete 11 yards each.

James Kinley — 11/16/2011

CONTRACTOR/SUPERINTENDENT

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 17-Nov-11		
CONTRACT NO N62470-08-D-1007	TITLE AND LOCATION Site 30 BLDG. 184 Removal Action, Portsmouth Naval Shipyard	REPORT NO 053
CONTRACTOR Shaw E & I	Project SUPERINTENDENT James Kinley	Site Engineer John Ward
AM WEATHER Cloudy	PM WEATHER Cloudy	MAX TEMP F 52
MIN TEMP F 45		

WORK PERFORMED TODAY

Item #	WORK LOCATION AND DESCRIPTION	Employee	Number	Trade	Hrs.
90001000	Field Supervision & Management	James Kinley	1	Supervisor	10.00
90001000	Field Supervision & Management	Bill Dean	1	QC Manager	0.00
90001000	Field Supervision & Management	Fred Poulin	1	Project Manager	5.00
90001000	Field Supervision & Management	jon Ward	1	QC Specialist	10.00
90001000	Field Supervision & Management	Mike Harrison	1	Health/Safetly	10.00
20002000	Site set up	Gene Figueroa	1	Operator	0.00
20002000	Site set up	Ranall Hardy	1	Operator	0.00
20002000	Site set up	Stan Sinchak	1	Labor	0.00
	HL Patton		3		4.00

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☑ YES	☐ NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS: 39.00
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☑ NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT: 2207.00
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☑ NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION: 2246.00
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☑ NO	

Schedule Item #:	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☑ SAFETY REQUIREMENTS HAVE BEEN MET.
	Safety Topic: Seatbelts	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Item #	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Hertz	Ford F-350	10

REMARKS

HL Patton on site to do concrete cutting and crack sealant.
HL Patton picked up cooler of sand cones.
Started cleaning out bldg 184.

James Kinley — CONTRACTOR — 11/17/2011

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 18-Nov-11		
CONTRACT NO N62470-08-D-1007	TITLE AND LOCATION Site 30 BLDG. 184 Removal Action, Portsmouth Naval Shipyard	REPORT NO 054
CONTRACTOR Shaw E & I	Project SUPERINTENDENT James Kinley	Site Engineer John Ward
AM WEATHER Sunny	PM WEATHER Sunny	MAX TEMP F 45
MIN TEMP F 31		

WORK PERFORMED TODAY

Item #	WORK LOCATION AND DESCRIPTION	Employee	Number	Trade	Hrs.
90001000	Field Supervision & Management	James Kinley	1	Supervisor	10.00
90001000	Field Supervision & Management	Bill Dean	1	QC Manager	0.00
90001000	Field Supervision & Management	Fred Poulin	1	Project Manager	0.00
90001000	Field Supervision & Management	jon Ward	1	QC Specialist	10.00
90001000	Field Supervision & Management	Mike Harrison	1	Health/Safetly	10.00
20002000	Site set up	Gene Figueroa	1	Operator	0.00
20002000	Site set up	Ranall Hardy	1	Operator	0.00
20002000	Site set up	Stan Sinchak	1	Labor	0.00
					0.00

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☑ YES	☐ NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS: 30.00
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☑ NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT: 2246.00
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☑ NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION: 2276.00
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☑ NO	

Schedule Item #:	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☑ SAFETY REQUIREMENTS HAVE BEEN MET.
	Safety Topic: De-Mobe	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Item #	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Hertz	Ford F-350	10

REMARKS

Placed burlap matting on concrete floor and wetted down.
Finished cleaning out bldg. 184 and placed supplies in conex box at DRMO.
De-Mobed from site.

James Kinley — CONTRACTOR — 11/18/2011

APPENDIX D
QUALITY CONTROL DOCUMENTATION

D3 – Contractor Requests for Information

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ATTACHMENT A
RAC FIELD FORM

LANTDIV RAC FIELD FORM

Contract No. _N62470-08-D-1007
Task Order No. WE21
Title/Location _Removal Action, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery, Maine

DISTRIBUTION:

_____ CONTRACTING OFFICER/SPECIALIST (TD'S)
__X_ FEAD
__X__ RPM
_____ COTR:
OTHER: _____
_____
FILE: _____

Form No. VR/RFI/TD	**139799-RFI-001**	**Date: 9/21/11**	**Respond *NLT:N/A**
Initiated By:	☐ **Navy**	☒ **Contractor**	☐ **Other**
☐ **Technical Direction**	☒ **RFI**	☐ **Variance Request**	☐ **Overtime Authorization**

Description (Include location & attachments if necessary):

Shaw is requesting additional information on the disposition of the steam trench and pipe running through the vault footprint. The steam trench and piping will have to be removed during the excavation process. Does the piping and trench need to be replaced?

Attachment ☐

Drawing Ref:	Spec. Ref.

Explanation/Recommendation:

It is recommended that Shaw remove the piping and trench, and not replace, as the piping is servicing an auxiliary heating unit, which is small and most likely will not be utilized by the new tenants.

☐ **Scope Increase** ☐ **Scope Decrease** ☒ **No Change in Scope**	**Cost impact, fee excluded:** ☐ None ☐ Cost Increase ☐ Cost Decrease Rough Order of Magnitude: $
WBS Codes Affected: New ☐ Existing ☒ Site Setup/Restoration **Cost code will track new cost**	**Schedule Impact** (assume response by *NLT date) ☒ None (As recommended) ☐ Increase in Time ☐ Decrease in Time Approximate Calendar Days:

Contractor: Site Representative:	Signature	Date
Project Manager:		

Reviewer Comments, incl RFI Response:

Navy Concurrence:	Signature	Date
ROICC:		
RPM/EIC		

☐ Task Order Modification to Follow (contract action) ☐ No Task Order Modification Required

ATTACHMENT A
RAC FIELD FORM

LANTDIV RAC FIELD FORM

Contract No. _N62470-08-D-1007
Task Order No. WE21
Title/Location _Removal Action, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery, Maine

DISTRIBUTION:

_____ CONTRACTING OFFICER/SPECIALIST (TD'S)
__X_ FEAD
__X__ RPM
_____ COTR:
OTHER: _____
_____
FILE: _____

Form No. VR/RFI/TD	**139799-RFI-002**	**Date: 9/21/11**	**Respond *NLT:N/A**
Initiated By:	☒ **Navy**	☐ **Contractor**	☐ **Other**
☐ **Technical Direction**	☒ **RFI**	☐ **Variance Request**	☐ **Overtime Authorization**

Description (Include location & attachments if necessary):
Navy requested Shaw remove Welding Booths and bathroom in corner, both of which protrude over concrete pad which needs to be removed to access the tank vault.

Attachment ☐

Drawing Ref:	Spec. Ref.

Explanation/Recommendation:

It is recommended that Navy concur with Shaw's concurrence letter on the subject. Shaw will remove the welding booths and bathroom per the concurrence letter. The bathroom debris will be disposed of with the construction debris from the office demo (original SOW) The metal debris from the welding booths will be recycled by Navy, utilizing Navy provided containers. Shaw will fill the containers prior to Navy disposal. Additionally, Building 357 Code will provide disposal of the universal wastes to avoid additional cost. This recommendation is the most cost efficient path for the Navy to complete this additional task.

☒ **Scope Increase** ☐ **Scope Decrease** ☐ **No Change in Scope**	**Cost impact, fee excluded:** ☐ None ☐ Cost Increase ☐Cost Decrease Rough Order of Magnitude: $
WBS Codes Affected: New ☒ Existing ☐ Welding Booth **Cost code will track new cost**	**Schedule Impact** (assume response by *NLT date) ☐ None ☒ Increase in Time ☐Decrease in Time Approximate Calendar Days: 5-7 Days

Contractor:	Signature	Date
Site Representative:		
Project Manager:		

Reviewer Comments, incl RFI Response:

Navy Concurrence:	Signature	Date
ROICC:		
RPM/EIC		

☐ Task Order Modification to Follow (contract action) ☐ No Task Order Modification Required

ATTACHMENT A
RAC FIELD FORM

LANTDIV RAC FIELD FORM

Contract No. _N62470-08-D-1007
Task Order No. WE21
Title/Location _Removal Action, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery, Maine

DISTRIBUTION:

_____ CONTRACTING OFFICER/SPECIALIST (TD'S)
__X_ FEAD
_____ RPM
_____ COTR:
OTHER: _____
_____
FILE: _____

Form No. VR/RFI/TD	**139799-RFI-003**	**Date: 9/21/11**	**Respond *NLT:09/23/11**
Initiated By:	☐ **Navy**	☒ **Contractor**	☐ **Other**
☐ **Technical Direction**	☒ **RFI**	☐ **Variance Request**	☐ **Overtime Authorization**

Description (Include location & attachments if necessary):

Shaw requests clarification on the photographic requirements for historical recordation to be performed during the excavation of Site 30. Specifically requested are which phases of the construction need to be recorded and preserved and what accreditation if any is required for the photographer.

Attachment ☐

Drawing Ref:	Spec. Ref.

Explanation/Recommendation:

It is recommended that Navy provide Shaw with the specific phases of construction and specific features which need to be recorded. Navy should provide concurrence on the use of an Architectural Historian or a Historian Photographer and indicate what if any certifications or level of experience the photographer should have.

☐ **Scope Increase** ☐ **Scope Decrease** ☒ **No Change in Scope**	**Cost impact, fee excluded:** ☒ None ☐ Cost Increase ☐ Cost Decrease Rough Order of Magnitude: $
WBS Codes Affected: New ☐ Existing ☒ –Archeological 02007500	**Schedule Impact** (assume response by *NLT date) ☒ None ☐ Increase in Time ☐ Decrease in Time Approximate Calendar Days:

Contractor:	Signature	Date
Site Representative:		09-22-11
Project Manager:		

Reviewer Comments, incl RFI Response:

Navy Concurrence:	Signature	Date
ROICC:		
RPM/EIC		

☒ Task Order Modification to Follow (contract action) ☐ No Task Order Modification Required

ATTACHMENT A
RAC FIELD FORM

LANTDIV RAC FIELD FORM

Contract No. _N62470-08-D-1007
Task Order No. WE21
Title/Location _Removal Action, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery, Maine

DISTRIBUTION:

_____ CONTRACTING OFFICER/SPECIALIST (TD'S)
__X__ FEAD
__X__ RPM
_____ COTR:
OTHER: _____
_____
FILE: _____

Form No. VR/RFI/TD	**139799-RFI-004**	**Date: 9/26/11**	**Respond *NLT:N/A**
Initiated By:	☒ **Navy**	☐ **Contractor**	☐ **Other**
☐ **Technical Direction**	☒ **RFI**	☐ **Variance Request**	☐ **Overtime Authorization**

Description (Include location & attachments if necessary):
Navy requested Shaw to test the compaction and the mix design of the concrete pad to be replaced during slab restoration.

Attachment ☐

Drawing Ref:	Spec. Ref.

Explanation/Recommendation:

It is recommended that the Navy Provide a specification for the mix design and types of testing needed (i.e. how many cylinders) for the concrete. Shaw will procure a Lab for testing. Navy should recommend the type of density testing allowed on board PNS. Nuclear density is the most common; however it is questioned if this is allowed. A sand cone test can be substituted.

☐ **Scope Increase** ☐ **Scope Decrease** ☒ **No Change in Scope**	**Cost impact, fee excluded:** ☒ None ☐ Cost Increase ☐ Cost Decrease Rough Order of Magnitude: $
WBS Codes Affected: New ☐ Existing ☒ Slab restoration - 02008000	**Schedule Impact** (assume response by *NLT date) ☒ None ☐ Increase in Time ☐ Decrease in Time Approximate Calendar Days:

Contractor:	Signature	Date
Site Representative:		09/26/11
Project Manager:		

Reviewer Comments, incl RFI Response:

Navy Concurrence:	Signature	Date
ROICC:		
RPM/EIC		

☒ Task Order Modification to Follow (contract action) ☐ No Task Order Modification Required

ATTACHMENT A
RAC FIELD FORM

LANTDIV RAC FIELD FORM

Contract No. _N62470-08-D-1007
Task Order No. WE21
Title/Location _Removal Action, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery, Maine

DISTRIBUTION:

_____ CONTRACTING OFFICER/SPECIALIST (TD'S)
__X_ FEAD
__X_ RPM
_____ COTR:
OTHER: _____
_____
FILE: _____

Form No. VR/RFI/TD	**139799-RFI-005**	**Date: 10/6/11**	**Respond *NLT:10/15/11**
Initiated By:	☐ **Navy**	☒ **Contractor**	☐ **Other**
☐ **Technical Direction**	☒ **RFI**	☐ **Variance Request**	☐ **Overtime Authorization**

Description (Include location & attachments if necessary):
Shaw requests specification for concrete cover over steam trench which failed.

Attachment ☐

Drawing Ref:	Spec. Ref.

Explanation/Recommendation:

Recommend Navy provide specification so Shaw can repair sidewalk

☐ **Scope Increase** ☐ **Scope Decrease** ☒ **No Change in Scope**	**Cost impact, fee excluded:** ☒ None ☐ Cost Increase ☐Cost Decrease Rough Order of Magnitude: $
WBS Codes Affected: New ☐ Existing ☒ –Restoration	**Schedule Impact** (assume response by *NLT date) ☒ None ☐ Increase in Time ☐Decrease in Time Approximate Calendar Days:

Contractor:	Signature	Date
Site Representative:		10/06/11
Project Manager:		

Reviewer Comments, incl RFI Response:

Navy Concurrence:	Signature	Date
ROICC:		
RPM/EIC		

☐ Task Order Modification to Follow (contract action) ☐ No Task Order Modification Required

APPENDIX D
QUALITY CONTROL DOCUMENTATION

D4 – Variance Request

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ATTACHMENT A
RAC FIELD FORM

LANTDIV RAC FIELD FORM

Contract No. N62470-08-D-1007
Task Order No. WE21
Title/Location Removal Action, Site 30, Building 184, Portsmouth Naval Shipyard, Kittery, Maine

DISTRIBUTION:

____ CONTRACTING OFFICER/SPECIALIST (TD'S)
X FEAD
X RPM
____ COTR:
OTHER: _____
FILE: _____

Form No. VR/RFI/TD	**139799-VR-001**	**Date: 11/7/11**	**Respond *NLT:NA**
Initiated By:	☒ **Navy**	☐ **Contractor**	☐ **Other**
☐ **Technical Direction**	☐ **RFI**	☒ **Variance Request**	☐ **Overtime Authorization**

Description (Include location & attachments if necessary):

Based on the findings after excavation of the fill material in the tank vault, Navy and Shaw concurred that there is no indication of staining or a release in the tank and the brick lining is intact. Based on this, it was suggested by Navy that acid bricks and concrete lining be left in place and no confirmatory sampling take place, rather the site be backfilled in accordance with the approved work plan.

Attachment ☐

Drawing Ref: | Spec. Ref.

Explanation/Recommendation:

MeDEP and USEPA concurred with Navy on the decision to leave the acid brick lining and concrete vault in place based upon its exposed condition. This decision would also eliminate the confirmatory sampling required behind the removed concrete vault. Per SOW, the tank was recorded by a historical photographer to be included in a future report by the US Navy. It is recommended that the site features remain in place and Shaw proceed with backfill and restoration. This decision was concurred upon by MeDEP and USEPA.

☐ **Scope Increase**
☒ **Scope Decrease**
☐ **No Change in Scope**

Cost Impact, fee excluded:
☐ None
☐ Cost Increase
☒ Cost Decrease
Rough Order of Magnitude: $

WBS Codes Affected:

New ☐ Existing ☒

–Acid Brick, Concrete 02005000
–Excavation Under Tank Floor 02006000

Schedule Impact (assume response by *NLT date)
☒ None
☐ Increase in Time
☐ Decrease in Time
Approximate Calendar Days:

Contractor:	Signature	Date
Site Representative:		11-7-11
Project Manager:		

Reviewer Comments, incl RFI Response:

Navy Concurrence:	Signature	Date
ROICC:		
RPM/EIC		04 JAN 12

☐ Task Order Modification to Follow (contract action) ☒ No Task Order Modification Required

APPENDIX E

ASBESTOS ABATEMENT DOCUMENTATION

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MCE
Mill City Environmental

Job #: MCE-1057

Day & Date: tuesday 8/30/11

Contact Person: Fred Poulin

Phone #: 401 - 474 - 0867

Client: SHaw Environmental + Infras

Billing Address: 500 E. Main st Suite 1630

Norfolk, VA Attn: Accts pay

P.O. #: MCE-1057, Shaw contract# N624-70-080-1007

T& M: [ ]

Contract: [ ]

Depart from Shop: 0530

Arrive at Site: [redacted] 0630

Depart Site: 4:00

Job Location: PSNY, Bldg 184, 1st floor Bay office

Labor:

Name	Title	ST	OT	DT
John Carey	Supervisor	8	1	
	Foreman			
	Foreman			
	Equipment Operator			
Dave Graham	Field Tech	8	1	
Alberto Pardo	Field Tech	8	1	
Brian Chapman	Field Tech			
	Field Tech			
	Field Tech			

QTY	Type	MCE #	#of Hrs.	√if daily rate
	Pick-Up	10		
	Utility Van	14		
	box truck lift gate	11		
1	Box Truck	5A		X
	Vacuum Trailer			
	Vacuum St. Truck			
	Vactor			
	Compressor			
1	~~Backhoe~~ Neg Air			X
	Bobcat			
	Excavator			
	Rack Truck	9		
	Utility Truck	8		
	Truck	12		
	Truck	1		
1	Bead Blaster	UR		X
2	HEPA Vac			X
3	Decon chamber			X

Disposal Destination:

	Amount		Manifest #
Liquid (Bulk)		Gals.	
Estimated Solids in Bulk Load		Gals.	
Solid (Bulk)		Tns/yds	
Liquid (Drums)	#of drums:	Gals.	
Solid (Drums)	# of drums:	Lbs.	
Additional Info.			

Material:

Qty	Description
	Speedi-Dri
5	17-H drum fiber
	17-E drum
3	Tyvek
	Rain Gear
3	Gloves
	Sorbent Pads Bl
	Sorbent Rags Box
	Sorbent Boom Bl

Qty	Description
	5 – gal bucket
6	Duct Tape
	Overboots
	Chicken Boots
	Degreaser (5 gal)
	Mastic remove(5 gal)
1	Poly
10	Poly Bags
4	Spray glue

Job Description: Mobe to site, Set up Containment around 600 sqft of tile and mastic, Remove tile Place in Double BAG over Pack Bags in fiber DRUMS.

Job Completed: [ ] Yes [ ] No

Analysis:

Qty	Type	Destination

Contractors:

Name of Company	Description
United Rentals	Bead Blaster/VAC

CUSTOMER: SHaw E + I
(Company Name)

By: [signature]
(Signature)

FRED POULIN.
(Print Name)

PROJ. MGR.
(Title)

Date: _____

SIGNATURE: John Carey

DATE: 8/30/11

C:\Documents and Settings\All Users\Documents\Mill City Env\Forms\Worksheet Final.doc

MCE
Mill City Environmental

Job #: MCE-1057

Day & Date: Wed 8/31/2011

Contact Person: Fred Poulin

Phone #: 401-474-0867

Client: Shaw env + inf

Billing Address: 500 E. Main ST Suite 1630

Norfolk, VA Attn: Accts Pay

P.O. #: MCE-1057, SHAW Contract # N624-70-080-1007

T& M: [ ]

Contract: [ ]

Depart from Shop: 0600

Arrive at Site: 0630

Depart Site: 1700

Job Location: PSNY, Bldg 184, 1st floor Bay office

Labor:				
Name	Title	ST	OT	DT
John Carey	Supervisor	8	4	
	Foreman			
	Foreman			
	Equipment Operator			
Dave Graham	Field Tech	8	4	
Alberto Pardo	Field Tech	8		
	Field Tech			
	Field Tech			
Clay Collins	~~Field Tech~~ Hygienist	4		

QTY	Type	MCE #	#of Hrs.	√if daily rate
	Pick-Up	10		
	Utility Van	14		
	box truck lift gate	11		
1	Box Truck	5A		X
	Vacuum Trailer			
	Vacuum St. Truck			
1	~~Vactor~~ Neg Air			X
	Compressor			
	Backhoe			
	Bobcat			
	Excavator			
	Rack Truck	9		
	Utility Truck	8		
	Truck	12		
	Truck	1		
1	Bead Blaster	UR		X
2	Hepa vac			X
3	Deron chamber			X

Disposal Destination:			
	Amount		Manifest #
Liquid (Bulk)		Gals.	
Estimated Solids in Bulk Load		Gals.	
Solid (Bulk)		Tns/yds	
Liquid (Drums)	#of drums:	Gals.	
Solid (Drums)	# of drums:	Lbs.	
Additional Info.	DISPOSAL onsite		

Material:	
Qty	Description
	Speedi-Dri
	17-H drum
	17-E drum
3	Tyvek
	Rain Gear
3	Gloves
	Sorbent Pads Bl
	Sorbent Rags Box
	Sorbent Boom Bl

Qty	Description
	5 – gal bucket
2	Duct Tape
	Overboots
	Chicken Boots
	Degreaser (5 gal)
	Mastic remove(5 gal)
	Poly
	Poly Bags
	Spray glue
2	50LB BAGS Bead Blast Shot

Job Description: mobe to site, Remove mastic from floor inside containment via Bead Blaster, Scarify edges, final clean area, perform air clearance determine area to be clean, Break down containment, DEMOBE.

Job Completed: [ ] Yes [ ] No

Analysis:		
Qty	Type	Destination

Contractors:	
Name of Company	Description
United Rentals	Bead Blaster / VAC
Mid Coast Env	Hygienist

CUSTOMER: SHAW GRP
(Company Name)

By: [signature]
(Signature)

FRED POULIN
(Print Name)

PROJ MGR.
(Title)

Date: _____

SIGNATURE: John Carey

DATE: 8/31/11

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MCE Mill City Environmental

OPERATIONS SAFETY EVALUATION CHECKLIST

Job# MCE-1057 Supervisor John Casey Foreman

Client Shaw env + inf Location PSNY Bldg 184

Job Scope Remove 600 sqft of tile + Mastic

SUBSTANCES:

Name	Conc/Amount	MSDS Available	Analysis Available
Asbestos	✓	✓	✓

1. Operations requiring a **SITE SPECIFIC PLAN:** Y ✓ N
   - ____ **OSHA REGULATED SUBSTANCES** (See latest list)
   - ____ **MANDATED BY GOVERNMENT AGENCY**
   - ____ **UNCONTROLLED HAZ-WASTE SITE**
   - ____ **EMER RESP/POST EMERG RESPONSE**
   - ____ **LAB PACK**
   - ____ **UST REMOVAL**
   - a) ____ SSH&SP Completed/Available on-Site
   - b) ____ Signed by all on-site crews
2. **CONFINED SPACE ENTRY** Y ___ N X
   - a) ____ Mechanically Ventilated ____ Level B ____ Exemption (H&S sign-off)
   - b) ____ Training Received
   - c) ____ CPR/First Aid (Min. 2) (Indicate Names)
   - d) ____ Monitoring Conducted
   - e) ____ Permit Completed/Attached
   - f) ____ Hazardous Energy Sources Isolated
   - g) ____ Emergency Procedures
   - h) ____ Communication System Established
   - i) ____ Hot Work
   - j) ____ PPE
   - k) ____ Other Safety Equipment (i.e. Emergency)
   - l) ____ Safety Meeting
3. **SOIL EXCAVATIONS** Y ___ N X
   - a) ____ Dig Safe Obtained
   - b) ____ Area Barricaded
   - c) ____ Competent Person on-site
   - d) ____ Sloping/Shoring Options followed
   - e) ____ Water Accumulation Controlled
   - f) ____ Spoils Property located
   - g) ____ Ladders-Sufficient Number and Located
   - h) ____ Daily Inspection Checklist Completed
4. **LOCKOUT/TAGOUT (Hazardous Energy Sources**–Electric; mechanical; hydraulic; pneumatic; compressed air/liquids; pipelines) Y ___ N X
   - a) ____ Hazardous Energy Sources Identified
   - b) ____ Residual Energy Identified/Controlled/Verified
   - c) ____ Mechanical Energy Identified/Controlled/Verified
   - d) ____ Lockout/Tagout Worksheet completed
5. **HOT WORK** Y ___ N X
   - a) ____ Training Received
   - b) ____ Inspection Conducted
   - c) ____ Monitoring Conducted
   - d) ____ Toxic Material Determined
   - e) ____ Permit Completed and Posted
   - f) ____ Safety Meeting Conducted
   - g) ____ Fire Extinguisher Selected & Stationed
   - h) ____ Fire Watches Selected & Stationed
   - i) ____ CSE Procedure Implemented
   - j) ____ Hazardous Energy Program Implemented
   - k) ____ Fire Inspection Conducted
   - l) ____ Welding, Brazing, Arc or Torch Cutting Operations
6. **ELECTRICAL POWER EQUIPMENT** Y ✓ N ___
   - a) ____ Appropriate for the Location (Class 1, Div. 1 if flammable handled)
   - b) ____ Low Voltage Isolation Transformer; or
   - c) X Ground Fault Circuit Interrupter (GFCI)
   - d) ____ PPE (specify type below)
7. **WORK ON OR NEAR WATER** Y ___ N X
   - a) ____ "Certified" Boat Operator
   - b) ____ Checklists Completed
   - c) ____ Personal Flotation Device in use
   - d) ____ Ring Buoy and 90' of line available
   - e) ____ Distance between shore side buoys ≤ 200 feet
8. **VEHICULAR TRAFFIC** Y ___ N X
   - a) ____ Reflective Vests
   - b) ____ Warning Signs
   - c) ____ Traffic Cones
   - d) ____ Police Detail
9. **VACTOR, SUPERSUCKER, or GUZZLER** Y ___ N X
   - a) ____ Emergency Shutdown procedures established
   - b) ____ Hands, body kept 2 feet or more from end of hose
10. **ELEVATED AREAS** (> 4 feet) Y ___ N X
    - a) ____ Harness/lifeline utilized for fall protection
    - b) ____ Other Fall Protection
11. **"UNKNOWN" MATERIALS/CONTAINERS** Y ___ N X
    - a) ____ Consult Health and Safety prior to handling
12. **CUSTOMER SAFET REGULATIONS IN EFFECT** Y ___ N X
    - a) ____ Copy Obtained, Reviewed, Available
13. ____ **FLAMMABLE** ____ **COMBUSTIBLE** liquids Transfer Y ___ N X
    - a) ____ Bonding/Grounding
    - b) ____ Pressure offloading prohibited
    - c) ____ Area Monitoring Conducted
    - d) ____ Ignition Sources identified and controlled
14. **PHYSICAL HAZARDS** Y ___ N X
    - a) ____ Physical Hazard Evaluation Sheet Completed
    - b) ____ Physical Hazards Control Sheets Available
15. **PERSONAL PROTECTIVE EQUIPMENT:**

Respiratory (type)	Half	Safety Glasses	X	Hardhat	X
Resp. cartridge type	HEPA	Safety Goggles		Hearing Prot.	
Prot. Coveralls (material)	Tyvek	Face Shield		Over boots	
Gloves (material)	Rubber	Harness/Lifeline		PFD	

Steel Toe Boots X
Disp. Boots ____
"Welding Shade# ____

REMARKS: Wear Safety Glasses while Bead Blasting

THE ABOVE REPRESENTS A CERTIFICATION OF HAZARD ASSESSMENT FOR PPE PURPOSES & HAS BEEN REVIEWED & DISCUSSED BY:

SITE OPERATIONS

NAME: Alberto Ruda (print) NAME: Dave Graham (print)
Alberto Ruda (sign) Dave Graham (sign)
NAME: ____ (print) NAME: ____ (print)
____ (sign) ____ (sign)
NAME: ____ (print) NAME: ____ (print)
____ (sign) ____ (sign)

HEALTH AND SAFETY

NAME: John Casey (print)
John Casey (sign)
DATE: 8/30/2011
8/31/2011

MIDCOAST ENVIRONMENTAL, INC.
P.O. BOX 382
STANDISH, MAINE 04084 - 0382

CERTIFICATE OF RE-OCCUPANCY

CLIENT: MILL CITY ENVIROMENTAL CORP. - LOWELL, MA.

PROJECT: PORTSMOUTH NAVAL SHIPYARD - KITTERY, ME

MIDCOAST #: 11-0540

BUILDING: #184

WORK AREA: BAY OFFICE

The airborne fiber concentration in the work area has been determined to be below the Environmental Protection Agency recommended safe level for re-occupancy of ≤ 0.010 f/cc. The MidCoast Environmental representative has declared this area available for re-occupancy by unprotected personnel on the 31st day of AUGUST 2011 at 1625 hours.

Clayton C. Collins (ME. DEP #AA-0111)
President
MIDCOAST ENVIRONMENTAL, INC.

August 31, 2011
Date

APPENDIX F

REDUCTION IN SCOPE OF WORK TECHNICAL MEMORANDUM

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Technical Memorandum

October 13, 2011

RE: Modification to the Removal Action for Site 30

Introduction

Based on actual site conditions observed after removal of the concrete slab flooring and vault fill material, the Navy re-evaluated site conditions and recommends modification to the removal action activities to address potential site risks. The following provides an evaluation of the anticipated conditions, actual conditions, and the associated change in potential site risks. The subsequent recommend modifications to the removal action are also provided.

Evaluation based on Actual Site Conditions

The December 2010 Site 30 Action Memorandum indicates that hazardous substances and contaminants in the tank vault water were at levels that could pose a potential threat of contamination to groundwater. This conclusion was based on the volume of water estimated in the vault and the unknown conditions of the acid-proof brick lining and concrete containment of the tank vault. The source of the water was not confirmed, but information supported that groundwater infiltration to the vault was not the likely source. However, the potential for tank vault water to migrate through cracks or gaps in the brick lining and concrete containment, if any exists, was a potential concern. Potential risks to workers in the building were also identified if the workers were exposed to the crystals that were forming along the one wall or in the vault or to a construction worker exposed to contaminants in the fill material of the vault.

Because of various anticipated and unknown conditions related to potential contaminant migration to soil and groundwater underlying the vault, the removal action described in the December 2010 Site 30 Action Memorandum included inspection and removal of the acid-proof brick lining and inspection and removal of the concrete containment with confirmation sampling of soil underlying the vault to confirm that contaminant migration outside the vault had not occurred.

The following provides anticipated versus actual conditions and evaluation of impact to understanding of potential risks:

Anticipated condition	Actual condition	Impact to Risk
Approximately 75 percent of the fill material was estimated to be saturated.	Approximately ¾ of an inch of water remained on the floor in the center portion of vault after the fill material was removed. This water was combined with wash down water and approximately 500 gals-12 partially filled drums were removed. The bottom 3” of soil was saturated and homogenized with dry material in the removal process.	Much less volume of water in the vault and limited saturated fill material on the floor of the vault greatly reduces the potential that vault water migrates through the brick lining/concrete containment resulting in contamination of underlying soil.
Although unknown, infiltration of water via the original tank vault drain at the western edge of the vault is not the source of water within the tank vault.	Piping scheme that was uncovered was intact and operational and was used as conveyance for waste water from the sinks located in existing Lab and the bathroom sinks and toilets in the West side of the building. No evidence of any leaking pipes was observed.	Observation of the piping confirms that it was not a potential source of water that could migrate through the brick lining/concrete containment resulting in contamination of underlying soil.

Anticipated condition	Actual condition	Impact to Risk
Groundwater is not the suspected source of water in the tank vault.	Water was observed entering the vault area through an opening around an air conditioning unit on the eastern wall (near the main area of former crystalline growth). Observation of the eastern wall of the tank vault (after fill material was removed) indicates that rain water and likely previous storm water runoff from outside the building were the source of the water in the vault. After excavation of the fill material and removal of the air conditioning unit, observation of the vault confirmed that no water was entering the vault. Heavy rain events occurred during excavation and after the vault was cleaned and no water was observed entering the vault.	Groundwater was confirmed not to be the source of water in the vault greatly limiting the potential that water migrated through the brick lining/concrete containment resulting in contamination of underlying soil.
It was not known whether the acid-proof brick lining was removed from the tank vault at the time it was filled.	The acid-proof brick lining is present and in excellent condition. No staining was observed on the floor and the walls. Brick lining was washed and swept clean. Bricks that were dislodged during excavation were removed staged and sampled.	It is less likely that the underlying concrete containment or underlying soil is contaminated.
Water in the vault could impact underlying soil and groundwater if any cracks or gaps are present in the brick lining and concrete containment.	There were no cracks or gaps present in the brick lining along the floor. Only the top two courses of brick were damaged as a result of the excavation activity. These were removed for the installation of the new concrete pad to be installed. T he concrete behind the brick on walls is approximately 12” thick as observed.	It is less likely that the underlying concrete containment or underlying soil is contaminated.
The extent of crystalline material in the fill material and type of fill material was not known.	Crystalline material was only observed along southeastern wall where office was and along the edge of the Steam chase trench. Only contents of vault was clean gravel, no evidence of tank components or debris were evident. Testing of the top layer of fill material of the fill material for off yard disposal results were returned Non Hazardous and showed COC concentrations less than removal action goals.	It is less likely that the underlying concrete containment or underlying soil is contaminated.

Based on the observations of actual conditions, the potential that vault water contaminants migrated through the brick lining to the concrete containment is very unlikely. Therefore, the potential for contaminants in the tank vault to adversely impact underlying soil and groundwater is considered very low. As provided in the Site 30 Action Memorandum, evaluation of groundwater at Site 30 shows that groundwater at the site has not been adversely impact, providing further support of the low likelihood that a release occurred to underlying soil and groundwater from the tank vault.

Recommended modification to the Removal Action for Site 30

The removal action memorandum and work plan specified that the acid-proof brick lining would be removed, the concrete containment inspected for breaches, and the concrete floor and three of the four walls removed. Because site conditions support a low likelihood that the concrete containment and underlying soil has been adversely impacted, it is recommended that the acid-proof brick lining and concrete containment not be removed and that the vault be backfilled with Quarry processed stone and compacted for installation of 6" concrete slab.

With the removal of all of the fill material in the tank vault, cleaning and testing of the acid proof brick, and planned site restoration, potential threats to public health and welfare and the environment have been addressed to support No Further Action for Site 30. A No Further Action Decision Document would be prepared to document the actual site conditions and that risks are acceptable for unrestricted use and unlimited exposure for Site 30.

APPENDIX G

HISTORICAL RECORDATION PHOTOGRAPHS

Note: Provided under separate cover to Portsmouth Naval Shipyard Historical Office.

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APPENDIX H

WASTE CHARACTERIZATION ANALYTICAL REPORTS

Note: In an effort aimed at reducing both paper consumption and the physical size of this report, this Appendix is only included in the electronic file on the CD attached to this Completion Report.

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New England ACCUTEST LABORATORIES

10/11/11

Technical Report for

Global General Services

Kittery Maine Site 30 Disposal Samples

139799

Accutest Job Number: MC4194

Sampling Date: 09/30/11

Report to:

Shaw Environmental Virginia Beach, VA

natasha.sullivan@shawgrp.com

ATTN: Natasha Sullivan

Total number of pages in report: **135**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Reza Tand
Lab Director

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Accutest Laboratories

Sample Summary

Global General Services

Job No: MC4194

Kittery Maine Site 30 Disposal Samples
Project No: 139799

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
MC4194-1	09/30/11	10:24	JW	10/01/11	SO	Soil	139799-WASTE-S-001
MC4194-1A	09/30/11	10:24	JW	10/01/11	SO	Soil	139799-WASTE-S-001
MC4194-2	09/30/11	10:45	JW	10/01/11	SO	Solid	139799-WASTE-C-001
MC4194-2A	09/30/11	10:45	JW	10/01/11	SO	Solid	139799-WASTE-C-001

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:	Global General Services	**Job No**	MC4194
Site:	Kittery Maine Site 30 Disposal Samples	**Report Date**	10/10/2011 6:06:44 PM

2 Sample(s) were collected on 09/30/2011 and were received at Accutest on 10/01/2011 properly preserved, at 2.9 Deg. C and intact. These Samples received an Accutest job number of MC4194. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix: LEACHATE **Batch ID:** GP13589

- Sample(s) MC4146-1LS, MC4188-1LS were used as the QC samples indicated.

Matrix: SO **Batch ID:** MSV101

- All samples were analyzed within the recommended method holding time.
- Sample(s) MC4079-11MS, MC4079-11MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Blank Spike Recovery(s) for 1,1,2,2-Tetrachloroethane, 2-Butanone (MEK), 2-Hexanone, 4-Methyl-2-pentanone (MIBK) are outside control limits. Associated samples are non-detect for this compound.
- Matrix Spike Recovery(s) for Acetone are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.
- Matrix Spike Duplicate Recovery(s) for Acetone, Methylene chloride are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.
- Matrix Spike Recovery(s) for 1,1,2,2-Tetrachloroethane, 2-Hexanone, Chloroethane are outside control limits. Associated samples are non-detect for this compound.
- MC4079-11MS/MSD for 4-Bromofluorobenzene: Outside control limits due to possible matrix interference. Confirmed by MS/MSD.
- Matrix Spike Duplicate Recovery(s) for Chlorobenzene, Chloromethane, 1,1-Dichloroethane, 1,1-Dichloroethene, 1,1,2,2-Tetrachloroethane, 2-Hexanone are outside control limits. Associated samples are non-detect for this compound.

Extractables by GCMS By Method SW846 8270C

Matrix: LEACHATE **Batch ID:** OP26473

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Sample(s) MC4051-1AMS, MC4051-1AMSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Matrix: SO **Batch ID:** OP26484

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Sample(s) MC3901-63MS, MC3901-63MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- MC4194-2: Confirmation run for surrogate recoveries.
- MC4194-2 for 2-Fluorobiphenyl, 2-Fluorophenol, Terphenyl-d14: Outside control limits due to possible matrix interference. Confirmed by reanalysis.

Volatiles by GC By Method SW846 8015

Matrix: SO **Batch ID:** GBH1341

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC4194-1MS, MC4194-1MSD were used as the QC samples indicated.

Extractables by GC By Method SW846 8081

Matrix: LEACHATE **Batch ID:** OP26469

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Sample(s) MC4051-1AMS, MC4051-1AMSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Matrix Spike Recovery(s) for Methoxychlor are outside control limits. Outside control limits due to possible matrix interference.

Extractables by GC By Method SW846 8082

Matrix: SO **Batch ID:** OP26486

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC4117-10MS, MC4117-10MSD were used as the QC samples indicated.

Extractables by GC By Method SW846 8151

Matrix: LEACHATE **Batch ID:** OP26470

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Sample(s) MC4051-1AMS, MC4051-1AMSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Extractables by GC By Method SW846-8015

Matrix: SO **Batch ID:** OP26496

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Sample(s) MC3948-1MS, MC3948-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Metals By Method SW846 6010C

Matrix: LEACHATE **Batch ID:** MP17858

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC4146-2MS, MC4146-2MSD, MC4146-2PS, MC4146-2SDL were used as the QC samples for metals.
- RPD(s) for Serial Dilution for Arsenic, Cadmium, Chromium, Lead, Silver are outside control limits for sample MP17858-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- ICSA from batch MA13470: Absolute value of conc entration for Ba is greater than LOD. Q-flag for Ba were applied to associated samples.

Matrix: SO **Batch ID:** MP17851

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC3902-1MS, MC3902-1MSD, MC3902-1PS, MC3902-1SDL were used as the QC samples for metals.
- RPD(s) for Serial Dilution for Cadmium are outside control limits for sample MP17851-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- MP17851-PS1 for Arsenic: Post-digestion spike recovery outside of the control limit.

Metals By Method SW846 7470A

Matrix: LEACHATE **Batch ID:** MP17859

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC4146-2MS, MC4146-2MSD were used as the QC samples for metals.

Metals By Method SW846 7471B

Matrix: SO **Batch ID:** MP17872

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC4194-1MS, MC4194-1MSD were used as the QC samples for metals.

Wet Chemistry By Method SM21 2540 B MOD.

Matrix: SO **Batch ID:** GN36385

- Sample(s) MC4147-1DUP were used as the QC samples for Solids, Percent.

Wet Chemistry By Method SW846 1020

Matrix: SO **Batch ID:** GN36387

- Sample(s) MC4188-1DUP were used as the QC samples for Ignitability (Flashpoint).

Wet Chemistry By Method SW846 CHAP7

Matrix: SO	**Batch ID:** GN36390

- Sample(s) MC4146-2DUP were used as the QC samples for Corrosivity as pH.

Matrix: SO	**Batch ID:** GP13597

- All samples were distilled within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC4146-1DUP, MC4146-1MS were used as the QC samples for Cyanide Reactivity.

Matrix: SO	**Batch ID:** GP13598

- All samples were distilled within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC4146-1DUP, MC4146-1MS were used as the QC samples for Sulfide Reactivity.

The Accutest Laboratories of New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety.The Accutest Laboratories of NE, Laboratory Director or assignee as verified by the signature on the cover page has authorized the release of this report(MC4194).

New England ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	139799-WASTE-S-001		
Lab Sample ID:	MC4194-1	**Date Sampled:**	09/30/11
Matrix:	SO - Soil	**Date Received:**	10/01/11
Method:	SW846 8260B	**Percent Solids:**	92.8
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V2332.D	1	10/05/11	AMY	n/a	n/a	MSV101
Run #2							

	Initial Weight	Final Volume
Run #1	7.04 g	5.0 ml
Run #2		

VOA TCL List

CAS No.	Compound	Result	LOQ	LOD	Units	Q
67-64-1	Acetone	28.3	3.8	3.8	ug/kg	
71-43-2	Benzene	0.19 U	0.38	0.19	ug/kg	
75-27-4	Bromodichloromethane	0.38 U	1.5	0.38	ug/kg	
75-25-2	Bromoform	0.38 U	1.5	0.38	ug/kg	
74-83-9	Bromomethane	1.5 U	1.5	1.5	ug/kg	
78-93-3	2-Butanone (MEK)	1.5 U	3.8	1.5	ug/kg	
75-15-0	Carbon disulfide	1.5 U	3.8	1.5	ug/kg	
56-23-5	Carbon tetrachloride	0.38 U	1.5	0.38	ug/kg	
108-90-7	Chlorobenzene	0.19 U	1.5	0.19	ug/kg	
75-00-3	Chloroethane	0.38 U	3.8	0.38	ug/kg	
67-66-3	Chloroform	0.38 U	1.5	0.38	ug/kg	
74-87-3	Chloromethane	1.5 U	3.8	1.5	ug/kg	
124-48-1	Dibromochloromethane	1.5 U	1.5	1.5	ug/kg	
75-34-3	1,1-Dichloroethane	0.38 U	1.5	0.38	ug/kg	
107-06-2	1,2-Dichloroethane	0.38 U	1.5	0.38	ug/kg	
75-35-4	1,1-Dichloroethene	0.38 U	1.5	0.38	ug/kg	
156-59-2	cis-1,2-Dichloroethene	0.38 U	1.5	0.38	ug/kg	
156-60-5	trans-1,2-Dichloroethene	0.38 U	1.5	0.38	ug/kg	
78-87-5	1,2-Dichloropropane	0.38 U	1.5	0.38	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	1.5 U	1.5	1.5	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	1.5 U	1.5	1.5	ug/kg	
100-41-4	Ethylbenzene	0.38 U	1.5	0.38	ug/kg	
591-78-6	2-Hexanone	3.8 U	3.8	3.8	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	1.5 U	3.8	1.5	ug/kg	
75-09-2	Methylene chloride	0.38 U	1.5	0.38	ug/kg	
100-42-5	Styrene	0.38 U	3.8	0.38	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	0.38 U	1.5	0.38	ug/kg	
127-18-4	Tetrachloroethene	0.38 U	1.5	0.38	ug/kg	
108-88-3	Toluene	0.38 U	3.8	0.38	ug/kg	
71-55-6	1,1,1-Trichloroethane	0.38 U	1.5	0.38	ug/kg	
79-00-5	1,1,2-Trichloroethane	0.38 U	1.5	0.38	ug/kg	
79-01-6	Trichloroethene	0.38 U	1.5	0.38	ug/kg	

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-S-001		
Lab Sample ID:	MC4194-1	**Date Sampled:**	09/30/11
Matrix:	SO - Soil	**Date Received:**	10/01/11
Method:	SW846 8260B	**Percent Solids:**	92.8
Project:	Kittery Maine Site 30 Disposal Samples		

VOA TCL List

CAS No.	Compound	Result	LOQ	LOD	Units	Q
75-01-4	Vinyl chloride	1.5 U	1.5	1.5	ug/kg	
1330-20-7	Xylene (total)	0.38 U	1.5	0.38	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		70-130%
2037-26-5	Toluene-D8	95%		70-130%
460-00-4	4-Bromofluorobenzene	101%		70-130%

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-S-001		
Lab Sample ID:	MC4194-1	**Date Sampled:**	09/30/11
Matrix:	SO - Soil	**Date Received:**	10/01/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	92.8
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	S27654.D	1	10/06/11	PR	10/04/11	OP26484	MSS1197
Run #2							

	Initial Weight	Final Volume
Run #1	20.6 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	LOQ	LOD	Units	Q
95-57-8	2-Chlorophenol	14 U	260	14 [a]	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	18 U	520	18 [a]	ug/kg	
120-83-2	2,4-Dichlorophenol	31 U	520	31 [a]	ug/kg	
105-67-9	2,4-Dimethylphenol	52 U	520	52 [a]	ug/kg	
51-28-5	2,4-Dinitrophenol	260 U	1000	260 [a]	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	260 U	520	260 [a]	ug/kg	
95-48-7	2-Methylphenol	15 U	520	15 [a]	ug/kg	
	3&4-Methylphenol	28 U	520	28 [a]	ug/kg	
88-75-5	2-Nitrophenol	31 U	520	31 [a]	ug/kg	
100-02-7	4-Nitrophenol	260 U	1000	260 [a]	ug/kg	
87-86-5	Pentachlorophenol	49 U	520	49 [a]	ug/kg	
108-95-2	Phenol	44 U	260	44 [a]	ug/kg	
95-95-4	2,4,5-Trichlorophenol	39 U	520	39 [a]	ug/kg	
88-06-2	2,4,6-Trichlorophenol	36 U	520	36 [a]	ug/kg	
83-32-9	Acenaphthene	22 U	260	22 [a]	ug/kg	
208-96-8	Acenaphthylene	20 U	260	20 [a]	ug/kg	
120-12-7	Anthracene	21 U	260	21 [a]	ug/kg	
56-55-3	Benzo(a)anthracene	9.6 U	260	9.6 [a]	ug/kg	
50-32-8	Benzo(a)pyrene	16 U	260	16 [a]	ug/kg	
205-99-2	Benzo(b)fluoranthene	31 U	260	31 [a]	ug/kg	
191-24-2	Benzo(g,h,i)perylene	17 U	260	17 [a]	ug/kg	
207-08-9	Benzo(k)fluoranthene	7.8 U	260	7.8 [a]	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	21 U	260	21 [a]	ug/kg	
85-68-7	Butyl benzyl phthalate	25.4	260	11 [a]	ug/kg	J
91-58-7	2-Chloronaphthalene	22 U	260	22 [a]	ug/kg	
106-47-8	4-Chloroaniline	130 U	520	130 [a]	ug/kg	
86-74-8	Carbazole	21 U	260	21 [a]	ug/kg	
218-01-9	Chrysene	8.5 U	260	8.5 [a]	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	20 U	260	20 [a]	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	5.6 U	260	5.6 [a]	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	25 U	260	25 [a]	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	24 U	260	24 [a]	ug/kg	

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-S-001		
Lab Sample ID:	MC4194-1	**Date Sampled:**	09/30/11
Matrix:	SO - Soil	**Date Received:**	10/01/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	92.8
Project:	Kittery Maine Site 30 Disposal Samples		

ABN TCL List

CAS No.	Compound	Result	LOQ	LOD	Units	Q
95-50-1	1,2-Dichlorobenzene	21 U	260	21 [a]	ug/kg	
541-73-1	1,3-Dichlorobenzene	22 U	260	22 [a]	ug/kg	
106-46-7	1,4-Dichlorobenzene	22 U	260	22 [a]	ug/kg	
121-14-2	2,4-Dinitrotoluene	130 U	520	130 [a]	ug/kg	
606-20-2	2,6-Dinitrotoluene	25 U	520	25 [a]	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	6.3 U	260	6.3 [a]	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	17 U	260	17 [a]	ug/kg	
132-64-9	Dibenzofuran	22 U	260	22 [a]	ug/kg	
84-74-2	Di-n-butyl phthalate	24 U	260	24 [a]	ug/kg	
117-84-0	Di-n-octyl phthalate	14 U	260	14 [a]	ug/kg	
84-66-2	Diethyl phthalate	23 U	260	23 [a]	ug/kg	
131-11-3	Dimethyl phthalate	18 U	260	18 [a]	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	187	260	18 [a]	ug/kg	J
206-44-0	Fluoranthene	8.9 U	260	8.9 [a]	ug/kg	
86-73-7	Fluorene	5.8 U	260	5.8 [a]	ug/kg	
118-74-1	Hexachlorobenzene	23 U	260	23 [a]	ug/kg	
87-68-3	Hexachlorobutadiene	21 U	260	21 [a]	ug/kg	
77-47-4	Hexachlorocyclopentadiene	3.5 U	520	3.5 [a]	ug/kg	
67-72-1	Hexachloroethane	21 U	260	21 [a]	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	16 U	260	16 [a]	ug/kg	
78-59-1	Isophorone	26 U	260	26 [a]	ug/kg	
91-57-6	2-Methylnaphthalene	22 U	260	22 [a]	ug/kg	
88-74-4	2-Nitroaniline	130 U	520	130 [a]	ug/kg	
99-09-2	3-Nitroaniline	130 U	520	130 [a]	ug/kg	
100-01-6	4-Nitroaniline	19 U	520	19 [a]	ug/kg	
91-20-3	Naphthalene	6.1 U	260	6.1 [a]	ug/kg	
98-95-3	Nitrobenzene	7.8 U	260	7.8 [a]	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	17 U	260	17 [a]	ug/kg	
86-30-6	N-Nitrosodiphenylamine	14 U	260	14 [a]	ug/kg	
85-01-8	Phenanthrene	6.8 U	260	6.8 [a]	ug/kg	
129-00-0	Pyrene	8.4 U	260	8.4 [a]	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	23 U	260	23 [a]	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	54%		30-130%
4165-62-2	Phenol-d5	55%		30-130%
118-79-6	2,4,6-Tribromophenol	61%		30-130%
4165-60-0	Nitrobenzene-d5	53%		30-130%
321-60-8	2-Fluorobiphenyl	58%		30-130%

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LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-S-001		
Lab Sample ID:	MC4194-1	**Date Sampled:**	09/30/11
Matrix:	SO - Soil	**Date Received:**	10/01/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	92.8
Project:	Kittery Maine Site 30 Disposal Samples		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	76%		30-130%

(a) Value reported is laboratory DL (MDL).

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-S-001		
Lab Sample ID:	MC4194-1	**Date Sampled:**	09/30/11
Matrix:	SO - Soil	**Date Received:**	10/01/11
Method:	SW846 8015	**Percent Solids:**	92.8
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BH24397.D	1	10/06/11	WS	n/a	n/a	GBH1341
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	6.31 g	10.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	LOQ	LOD	Units	Q
	TPH-GRO (VOA)	1.7 U	8.9	1.7 [a]	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
615-59-8	2,5-Dibromotoluene	86%		36-148%

(a) Value reported is laboratory DL (MDL).

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-S-001		
Lab Sample ID:	MC4194-1	**Date Sampled:**	09/30/11
Matrix:	SO - Soil	**Date Received:**	10/01/11
Method:	SW846 8082 SW846 3546	**Percent Solids:**	92.8
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YZ68242.D	1	10/05/11	CZ	10/04/11	OP26486	GYZ6528
Run #2							

	Initial Weight	Final Volume
Run #1	15.4 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	LOQ	LOD	Units	Q
12674-11-2	Aroclor 1016	35 U	110	35	ug/kg	
11104-28-2	Aroclor 1221	35 U	110	35	ug/kg	
11141-16-5	Aroclor 1232	35 U	110	35	ug/kg	
53469-21-9	Aroclor 1242	7.1 U	110	7.1	ug/kg	
12672-29-6	Aroclor 1248	7.0 U	110	7.0	ug/kg	
11097-69-1	Aroclor 1254	35 U	110	35	ug/kg	
11096-82-5	Aroclor 1260	7.0 U	110	7.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	90%		30-150%
877-09-8	Tetrachloro-m-xylene	86%		30-150%
2051-24-3	Decachlorobiphenyl	85%		30-150%
2051-24-3	Decachlorobiphenyl	83%		30-150%

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-S-001		
Lab Sample ID:	MC4194-1	**Date Sampled:**	09/30/11
Matrix:	SO - Soil	**Date Received:**	10/01/11
Method:	SW846-8015 SW846 3546	**Percent Solids:**	92.8
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BC54842.D	1	10/07/11	SS	10/05/11	OP26496	GBC2619
Run #2							

	Initial Weight	Final Volume
Run #1	15.9 g	1.0 ml
Run #2		

CAS No.	Compound	Result	LOQ	LOD	Units	Q
	TPH-DRO (Semi-VOA)	21.0	17	13 [a]	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	92%		40-140%

(a) Value reported is laboratory DL (MDL).

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-S-001		
Lab Sample ID:	MC4194-1	**Date Sampled:**	09/30/11
Matrix:	SO - Soil	**Date Received:**	10/01/11
		Percent Solids:	92.8
Project:	Kittery Maine Site 30 Disposal Samples		

Metals Analysis

Analyte	Result	LOQ	LOD	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	17.7	0.88	0.12	mg/kg	1	10/04/11	10/07/11	DA	SW846 6010C [2]	SW846 3050B [3]
Cadmium	0.12 J	0.35	0.053	mg/kg	1	10/04/11	10/07/11	DA	SW846 6010C [2]	SW846 3050B [3]
Chromium	25.1	0.88	0.12	mg/kg	1	10/04/11	10/07/11	DA	SW846 6010C [2]	SW846 3050B [3]
Lead	8.3	0.88	0.31	mg/kg	1	10/04/11	10/07/11	DA	SW846 6010C [2]	SW846 3050B [3]
Mercury	0.012 U	0.034	0.012	mg/kg	1	10/06/11	10/06/11	MA	SW846 7471B [1]	SW846 7471B [4]

(1) Instrument QC Batch: MA13472
(2) Instrument QC Batch: MA13487
(3) Prep QC Batch: MP17851
(4) Prep QC Batch: MP17872

LOQ = Limit of Quantitation
LOD = Limit of Detection

U = Indicates a result < LOD
J = Indicates a result > = LOD but < LOQ

Report of Analysis

Client Sample ID:	139799-WASTE-S-001		
Lab Sample ID:	MC4194-1	**Date Sampled:**	09/30/11
Matrix:	SO - Soil	**Date Received:**	10/01/11
		Percent Solids:	92.8
Project:	Kittery Maine Site 30 Disposal Samples		

General Chemistry

Analyte	Result	LOQ	LOD	Units	DF	Analyzed	By	Method
Corrosivity as pH	7.3				1	10/04/11	MA	SW846 CHAP7
Cyanide Reactivity	1.6 U	1.6	1.6	mg/kg	1	10/05/11	BF	SW846 CHAP7
Ignitability (Flashpoint)	> 230			Deg. F	1	10/04/11	BF	SW846 1020
Solids, Percent	92.8			%	1	10/04/11	CF	SM21 2540 B MOD.
Sulfide Reactivity	54 U	54	54	mg/kg	1	10/05/11	BF	SW846 CHAP7

LOQ = Limit of Quantitation
LOD = Limit of Detection

U = Indicates a result < LOD
J = Indicates a result > = LOD but < LOQ

Report of Analysis

Client Sample ID:	139799-WASTE-S-001		
Lab Sample ID:	MC4194-1A	**Date Sampled:**	09/30/11
Matrix:	SO - Soil	**Date Received:**	10/01/11
Method:	SW846 8260B SW846 1311	**Percent Solids:**	92.8
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L57599.D	100	10/04/11	EK	10/03/11	GP13589	MSL1932
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	LOQ	LOD	Units	Q
71-43-2	Benzene	0.046 U	D018	0.50	0.050	0.046 [a]	mg/l	
78-93-3	2-Butanone (MEK)	0.27 U	D035	200	0.50	0.27 [a]	mg/l	
56-23-5	Carbon tetrachloride	0.058 U	D019	0.50	0.10	0.058 [a]	mg/l	
108-90-7	Chlorobenzene	0.044 U	D021	100	0.10	0.044 [a]	mg/l	
67-66-3	Chloroform	0.058 U	D022	6.0	0.10	0.058 [a]	mg/l	
106-46-7	1,4-Dichlorobenzene	0.042 U	D027	7.5	0.10	0.042 [a]	mg/l	
107-06-2	1,2-Dichloroethane	0.044 U	D028	0.50	0.10	0.044 [a]	mg/l	
75-35-4	1,1-Dichloroethene	0.080 U	D029	0.70	0.10	0.080 [a]	mg/l	
127-18-4	Tetrachloroethene	0.036 U	D039	0.70	0.10	0.036 [a]	mg/l	
79-01-6	Trichloroethene	0.075 U	D040	0.50	0.10	0.075 [a]	mg/l	
75-01-4	Vinyl chloride	0.083 U	D043	0.20	0.10	0.083 [a]	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	92%		70-130%
2037-26-5	Toluene-D8	92%		70-130%
460-00-4	4-Bromofluorobenzene	88%		70-130%

(a) Value reported is laboratory DL (MDL).

U = Not detected LOD - Limit of Detection
MCL = Maximum Contamination Level (40 CFR 261 6/96)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-S-001		
Lab Sample ID:	MC4194-1A	**Date Sampled:**	09/30/11
Matrix:	SO - Soil	**Date Received:**	10/01/11
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	92.8
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	S27622.D	1	10/05/11	PR	10/03/11	OP26473	MSS1195
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	1.0 ml
Run #2		

ABN TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	LOQ	LOD	Units	Q
95-48-7	2-Methylphenol	0.020 U	D023	200	0.10	0.020	mg/l	
	3&4-Methylphenol	0.010 U	D024	200	0.10	0.010	mg/l	
87-86-5	Pentachlorophenol	0.020 U	D037	100	0.10	0.020	mg/l	
95-95-4	2,4,5-Trichlorophenol	0.0050 U	D041	400	0.10	0.0050	mg/l	
88-06-2	2,4,6-Trichlorophenol	0.0050 U	D042	2.0	0.10	0.0050	mg/l	
106-46-7	1,4-Dichlorobenzene	0.0050 U	D027	7.5	0.050	0.0050	mg/l	
121-14-2	2,4-Dinitrotoluene	0.020 U	D030	0.13	0.10	0.020	mg/l	
118-74-1	Hexachlorobenzene	0.0050 U	D032	0.13	0.050	0.0050	mg/l	
87-68-3	Hexachlorobutadiene	0.0050 U	D033	0.50	0.050	0.0050	mg/l	
67-72-1	Hexachloroethane	0.020 U	D034	3.0	0.050	0.020	mg/l	
98-95-3	Nitrobenzene	0.0050 U	D036	2.0	0.050	0.0050	mg/l	
110-86-1	Pyridine	0.050 U	D038	5.0	0.10	0.050	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	82%		15-110%
4165-62-2	Phenol-d5	75%		15-110%
118-79-6	2,4,6-Tribromophenol	92%		15-110%
4165-60-0	Nitrobenzene-d5	87%		30-130%
321-60-8	2-Fluorobiphenyl	88%		30-130%
1718-51-0	Terphenyl-d14	92%		30-130%

U = Not detected LOD - Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 6/96) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-S-001		
Lab Sample ID:	MC4194-1A	**Date Sampled:**	09/30/11
Matrix:	SO - Soil	**Date Received:**	10/01/11
Method:	SW846 8151 SW846 3510C	**Percent Solids:**	92.8
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YZ68270.D	1	10/06/11	CZ	10/03/11	OP26470	GYZ6530
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	5.0 ml
Run #2		

Herbicide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	LOQ	LOD	Units	Q
94-75-7	2,4-D	0.0014 U	D016	10	0.010	0.0014	mg/l	
93-72-1	2,4,5-TP (Silvex)	0.0013 U	D017	1.0	0.010	0.0013	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	98%		30-150%
19719-28-9	2,4-DCAA	100%		30-150%

U = Not detected LOD - Limit of Detection
MCL = Maximum Contamination Level (40 CFR 261 6/96)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-S-001		
Lab Sample ID:	MC4194-1A	**Date Sampled:**	09/30/11
Matrix:	SO - Soil	**Date Received:**	10/01/11
Method:	SW846 8081 SW846 3510C	**Percent Solids:**	92.8
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BB38618.D	1	10/05/11	CZ	10/03/11	OP26469	GBB2413
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	5.0 ml
Run #2		

Pesticide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	LOQ	LOD	Units	Q
58-89-9	gamma-BHC (Lindane)	0.00025 U	D013	0.40	0.00050	0.00025	mg/l	
12789-03-6	Chlordane	0.0050 U	D020	0.030	0.0050	0.0050	mg/l	
72-20-8	Endrin	0.00025 U	D012	0.020	0.00050	0.00025	mg/l	
76-44-8	Heptachlor	0.00025 U	D031	0.0080	0.00050	0.00025	mg/l	
1024-57-3	Heptachlor epoxide	0.00025 U	D031	0.0080	0.00050	0.00025	mg/l	
72-43-5	Methoxychlor	0.00025 U	D014	10	0.00050	0.00025	mg/l	
8001-35-2	Toxaphene	0.0025 U	D015	0.50	0.025	0.0025	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	76%		30-150%
877-09-8	Tetrachloro-m-xylene	68%		30-150%
2051-24-3	Decachlorobiphenyl	83%		30-150%
2051-24-3	Decachlorobiphenyl	72%		30-150%

U = Not detected LOD - Limit of Detection
MCL = Maximum Contamination Level (40 CFR 261 6/96)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-S-001		
Lab Sample ID:	MC4194-1A	**Date Sampled:**	09/30/11
Matrix:	SO - Soil	**Date Received:**	10/01/11
		Percent Solids:	92.8
Project:	Kittery Maine Site 30 Disposal Samples		

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	LOQ	LOD	Units	DF	Prep	Analyzed	By	Method
Arsenic	0.0035 U	D004	5.0	0.010	0.0035	mg/l	1	10/04/11	10/05/11	DA	SW846 6010C [2]
Barium	0.21 J,Q	D005	100	0.50	0.0010	mg/l	1	10/04/11	10/05/11	DA	SW846 6010C [2]
Cadmium	0.0018 J	D006	1.0	0.0040	0.00060	mg/l	1	10/04/11	10/05/11	DA	SW846 6010C [2]
Chromium	0.0039 J	D007	5.0	0.010	0.0010	mg/l	1	10/04/11	10/05/11	DA	SW846 6010C [2]
Lead	0.0035 U	D008	5.0	0.010	0.0035	mg/l	1	10/04/11	10/05/11	DA	SW846 6010C [2]
Mercury	0.000058 U	D009	0.20	0.00020	0.000058	mg/l	1	10/04/11	10/04/11	MA	SW846 7470A [1]
Selenium	0.0035 U	D010	1.0	0.025	0.0035	mg/l	1	10/04/11	10/05/11	DA	SW846 6010C [2]
Silver	0.0010 U	D011	5.0	0.0050	0.0010	mg/l	1	10/04/11	10/05/11	DA	SW846 6010C [2]

(1) Instrument QC Batch: MA13467
(2) Instrument QC Batch: MA13470
(3) Prep QC Batch: MP17858
(4) Prep QC Batch: MP17859

LOQ = Limit of Quantitation LOD = Limit of Detection U = Indicates a result < LOD
MCL = Maximum Contamination Level (40 CFR 261 6/96) J = Indicates a result > = LOD but < LOQ

Report of Analysis

Client Sample ID:	139799-WASTE-C-001		
Lab Sample ID:	MC4194-2	**Date Sampled:**	09/30/11
Matrix:	SO - Solid	**Date Received:**	10/01/11
Method:	SW846 8260B	**Percent Solids:**	91.1
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V2333.D	1	10/05/11	AMY	n/a	n/a	MSV101
Run #2							

	Initial Weight	Final Volume
Run #1	5.80 g	5.0 ml
Run #2		

VOA TCL List

CAS No.	Compound	Result	LOQ	LOD	Units	Q
67-64-1	Acetone	4.7 U	4.7	4.7	ug/kg	
71-43-2	Benzene	0.24 U	0.47	0.24	ug/kg	
75-27-4	Bromodichloromethane	0.47 U	1.9	0.47	ug/kg	
75-25-2	Bromoform	0.47 U	1.9	0.47	ug/kg	
74-83-9	Bromomethane	1.9 U	1.9	1.9	ug/kg	
78-93-3	2-Butanone (MEK)	1.9 U	4.7	1.9	ug/kg	
75-15-0	Carbon disulfide	2.3	4.7	1.9	ug/kg	J
56-23-5	Carbon tetrachloride	0.47 U	1.9	0.47	ug/kg	
108-90-7	Chlorobenzene	0.24 U	1.9	0.24	ug/kg	
75-00-3	Chloroethane	0.47 U	4.7	0.47	ug/kg	
67-66-3	Chloroform	0.47 U	1.9	0.47	ug/kg	
74-87-3	Chloromethane	1.9 U	4.7	1.9	ug/kg	
124-48-1	Dibromochloromethane	1.9 U	1.9	1.9	ug/kg	
75-34-3	1,1-Dichloroethane	0.47 U	1.9	0.47	ug/kg	
107-06-2	1,2-Dichloroethane	0.47 U	1.9	0.47	ug/kg	
75-35-4	1,1-Dichloroethene	0.47 U	1.9	0.47	ug/kg	
156-59-2	cis-1,2-Dichloroethene	0.47 U	1.9	0.47	ug/kg	
156-60-5	trans-1,2-Dichloroethene	0.47 U	1.9	0.47	ug/kg	
78-87-5	1,2-Dichloropropane	0.47 U	1.9	0.47	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	1.9 U	1.9	1.9	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	1.9 U	1.9	1.9	ug/kg	
100-41-4	Ethylbenzene	0.47 U	1.9	0.47	ug/kg	
591-78-6	2-Hexanone	4.7 U	4.7	4.7	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	1.9 U	4.7	1.9	ug/kg	
75-09-2	Methylene chloride	0.47 U	1.9	0.47	ug/kg	
100-42-5	Styrene	0.47 U	4.7	0.47	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	0.47 U	1.9	0.47	ug/kg	
127-18-4	Tetrachloroethene	0.47 U	1.9	0.47	ug/kg	
108-88-3	Toluene	0.47 U	4.7	0.47	ug/kg	
71-55-6	1,1,1-Trichloroethane	0.47 U	1.9	0.47	ug/kg	
79-00-5	1,1,2-Trichloroethane	0.47 U	1.9	0.47	ug/kg	
79-01-6	Trichloroethene	0.47 U	1.9	0.47	ug/kg	

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-C-001		
Lab Sample ID:	MC4194-2	**Date Sampled:**	09/30/11
Matrix:	SO - Solid	**Date Received:**	10/01/11
Method:	SW846 8260B	**Percent Solids:**	91.1
Project:	Kittery Maine Site 30 Disposal Samples		

VOA TCL List

CAS No.	Compound	Result	LOQ	LOD	Units	Q
75-01-4	Vinyl chloride	1.9 U	1.9	1.9	ug/kg	
1330-20-7	Xylene (total)	0.47 U	1.9	0.47	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		70-130%
2037-26-5	Toluene-D8	95%		70-130%
460-00-4	4-Bromofluorobenzene	101%		70-130%

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-C-001		
Lab Sample ID:	MC4194-2	**Date Sampled:**	09/30/11
Matrix:	SO - Solid	**Date Received:**	10/01/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	91.1
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	S27655.D	1	10/06/11	PR	10/04/11	OP26484	MSS1197
Run #2 [a]	S27703A.D	1	10/07/11	KR	10/04/11	OP26484	MSS1198

	Initial Weight	Final Volume
Run #1	20.7 g	1.0 ml
Run #2	20.7 g	1.0 ml

ABN TCL List

CAS No.	Compound	Result	LOQ	LOD	Units	Q
95-57-8	2-Chlorophenol	14 U	260	14 [b]	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	18 U	530	18 [b]	ug/kg	
120-83-2	2,4-Dichlorophenol	31 U	530	31 [b]	ug/kg	
105-67-9	2,4-Dimethylphenol	53 U	530	53 [b]	ug/kg	
51-28-5	2,4-Dinitrophenol	260 U	1100	260 [b]	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	260 U	530	260 [b]	ug/kg	
95-48-7	2-Methylphenol	15 U	530	15 [b]	ug/kg	
	3&4-Methylphenol	28 U	530	28 [b]	ug/kg	
88-75-5	2-Nitrophenol	32 U	530	32 [b]	ug/kg	
100-02-7	4-Nitrophenol	260 U	1100	260 [b]	ug/kg	
87-86-5	Pentachlorophenol	49 U	530	49 [b]	ug/kg	
108-95-2	Phenol	44 U	260	44 [b]	ug/kg	
95-95-4	2,4,5-Trichlorophenol	39 U	530	39 [b]	ug/kg	
88-06-2	2,4,6-Trichlorophenol	36 U	530	36 [b]	ug/kg	
83-32-9	Acenaphthene	22 U	260	22 [b]	ug/kg	
208-96-8	Acenaphthylene	20 U	260	20 [b]	ug/kg	
120-12-7	Anthracene	21 U	260	21 [b]	ug/kg	
56-55-3	Benzo(a)anthracene	9.7 U	260	9.7 [b]	ug/kg	
50-32-8	Benzo(a)pyrene	16 U	260	16 [b]	ug/kg	
205-99-2	Benzo(b)fluoranthene	31 U	260	31 [b]	ug/kg	
191-24-2	Benzo(g,h,i)perylene	17 U	260	17 [b]	ug/kg	
207-08-9	Benzo(k)fluoranthene	7.8 U	260	7.8 [b]	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	22 U	260	22 [b]	ug/kg	
85-68-7	Butyl benzyl phthalate	11 U	260	11 [b]	ug/kg	
91-58-7	2-Chloronaphthalene	22 U	260	22 [b]	ug/kg	
106-47-8	4-Chloroaniline	130 U	530	130 [b]	ug/kg	
86-74-8	Carbazole	21 U	260	21 [b]	ug/kg	
218-01-9	Chrysene	8.6 U	260	8.6 [b]	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	21 U	260	21 [b]	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	5.7 U	260	5.7 [b]	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	25 U	260	25 [b]	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	24 U	260	24 [b]	ug/kg	

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-C-001		
Lab Sample ID:	MC4194-2	**Date Sampled:**	09/30/11
Matrix:	SO - Solid	**Date Received:**	10/01/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	91.1
Project:	Kittery Maine Site 30 Disposal Samples		

ABN TCL List

CAS No.	Compound	Result	LOQ	LOD	Units	Q
95-50-1	1,2-Dichlorobenzene	21 U	260	21 [b]	ug/kg	
541-73-1	1,3-Dichlorobenzene	22 U	260	22 [b]	ug/kg	
106-46-7	1,4-Dichlorobenzene	22 U	260	22 [b]	ug/kg	
121-14-2	2,4-Dinitrotoluene	130 U	530	130 [b]	ug/kg	
606-20-2	2,6-Dinitrotoluene	25 U	530	25 [b]	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	6.4 U	260	6.4 [b]	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	17 U	260	17 [b]	ug/kg	
132-64-9	Dibenzofuran	23 U	260	23 [b]	ug/kg	
84-74-2	Di-n-butyl phthalate	24 U	260	24 [b]	ug/kg	
117-84-0	Di-n-octyl phthalate	14 U	260	14 [b]	ug/kg	
84-66-2	Diethyl phthalate	23 U	260	23 [b]	ug/kg	
131-11-3	Dimethyl phthalate	19 U	260	19 [b]	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	25.5	260	18 [b]	ug/kg	J
206-44-0	Fluoranthene	9.0 U	260	9.0 [b]	ug/kg	
86-73-7	Fluorene	5.8 U	260	5.8 [b]	ug/kg	
118-74-1	Hexachlorobenzene	23 U	260	23 [b]	ug/kg	
87-68-3	Hexachlorobutadiene	21 U	260	21 [b]	ug/kg	
77-47-4	Hexachlorocyclopentadiene	3.6 U	530	3.6 [b]	ug/kg	
67-72-1	Hexachloroethane	22 U	260	22 [b]	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	16 U	260	16 [b]	ug/kg	
78-59-1	Isophorone	89.2	260	26 [b]	ug/kg	J
91-57-6	2-Methylnaphthalene	22 U	260	22 [b]	ug/kg	
88-74-4	2-Nitroaniline	130 U	530	130 [b]	ug/kg	
99-09-2	3-Nitroaniline	130 U	530	130 [b]	ug/kg	
100-01-6	4-Nitroaniline	20 U	530	20 [b]	ug/kg	
91-20-3	Naphthalene	6.1 U	260	6.1 [b]	ug/kg	
98-95-3	Nitrobenzene	7.8 U	260	7.8 [b]	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	17 U	260	17 [b]	ug/kg	
86-30-6	N-Nitrosodiphenylamine	14 U	260	14 [b]	ug/kg	
85-01-8	Phenanthrene	6.8 U	260	6.8 [b]	ug/kg	
129-00-0	Pyrene	8.5 U	260	8.5 [b]	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	23 U	260	23 [b]	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	19% [c]	21% [c]	30-130%
4165-62-2	Phenol-d5	98%	100%	30-130%
118-79-6	2,4,6-Tribromophenol	40%	32%	30-130%
4165-60-0	Nitrobenzene-d5	122%	120%	30-130%
321-60-8	2-Fluorobiphenyl	140% [c]	140% [c]	30-130%

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-C-001		
Lab Sample ID:	MC4194-2	**Date Sampled:**	09/30/11
Matrix:	SO - Solid	**Date Received:**	10/01/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	91.1
Project:	Kittery Maine Site 30 Disposal Samples		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	187% [c]	165% [c]	30-130%

(a) Confirmation run for surrogate recoveries.
(b) Value reported is laboratory DL (MDL).
(c) Outside control limits due to possible matrix interference. Confirmed by reanalysis.

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-C-001		
Lab Sample ID:	MC4194-2	**Date Sampled:**	09/30/11
Matrix:	SO - Solid	**Date Received:**	10/01/11
Method:	SW846 8015	**Percent Solids:**	91.1
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BH24400.D	1	10/06/11	WS	n/a	n/a	GBH1341
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.92 g	10.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	LOQ	LOD	Units	Q
	TPH-GRO (VOA)	1.9 U	9.8	1.9 [a]	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
615-59-8	2,5-Dibromotoluene	88%		36-148%

(a) Value reported is laboratory DL (MDL).

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-C-001		
Lab Sample ID:	MC4194-2	**Date Sampled:**	09/30/11
Matrix:	SO - Solid	**Date Received:**	10/01/11
Method:	SW846 8082 SW846 3546	**Percent Solids:**	91.1
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YZ68243.D	1	10/05/11	CZ	10/04/11	OP26486	GYZ6528
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	LOQ	LOD	Units	Q
12674-11-2	Aroclor 1016	36 U	110	36	ug/kg	
11104-28-2	Aroclor 1221	36 U	110	36	ug/kg	
11141-16-5	Aroclor 1232	36 U	110	36	ug/kg	
53469-21-9	Aroclor 1242	7.3 U	110	7.3	ug/kg	
12672-29-6	Aroclor 1248	7.2 U	110	7.2	ug/kg	
11097-69-1	Aroclor 1254	36 U	110	36	ug/kg	
11096-82-5	Aroclor 1260	7.2 U	110	7.2	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	83%		30-150%
877-09-8	Tetrachloro-m-xylene	78%		30-150%
2051-24-3	Decachlorobiphenyl	82%		30-150%
2051-24-3	Decachlorobiphenyl	79%		30-150%

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-C-001		
Lab Sample ID:	MC4194-2	**Date Sampled:**	09/30/11
Matrix:	SO - Solid	**Date Received:**	10/01/11
Method:	SW846-8015 SW846 3546	**Percent Solids:**	91.1
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BC54843.D	1	10/07/11	SS	10/05/11	OP26496	GBC2619
Run #2							

	Initial Weight	Final Volume
Run #1	15.1 g	1.0 ml
Run #2		

CAS No.	Compound	Result	LOQ	LOD	Units	Q
	TPH-DRO (Semi-VOA)	18.8	18	14 [a]	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	92%		40-140%

(a) Value reported is laboratory DL (MDL).

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-C-001		
Lab Sample ID:	MC4194-2	**Date Sampled:**	09/30/11
Matrix:	SO - Solid	**Date Received:**	10/01/11
		Percent Solids:	91.1
Project:	Kittery Maine Site 30 Disposal Samples		

Metals Analysis

Analyte	Result	LOQ	LOD	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	15.5	0.92	0.13	mg/kg	1	10/04/11	10/07/11	DA	SW846 6010C [2]	SW846 3050B [3]
Cadmium	0.055 U	0.37	0.055	mg/kg	1	10/04/11	10/07/11	DA	SW846 6010C [2]	SW846 3050B [3]
Chromium	10	0.92	0.13	mg/kg	1	10/04/11	10/07/11	DA	SW846 6010C [2]	SW846 3050B [3]
Lead	3.9	0.92	0.32	mg/kg	1	10/04/11	10/07/11	DA	SW846 6010C [2]	SW846 3050B [3]
Mercury	0.012 U	0.037	0.012	mg/kg	1	10/06/11	10/06/11	MA	SW846 7471B [1]	SW846 7471B [4]

(1) Instrument QC Batch: MA13472
(2) Instrument QC Batch: MA13487
(3) Prep QC Batch: MP17851
(4) Prep QC Batch: MP17872

LOQ = Limit of Quantitation
LOD = Limit of Detection

U = Indicates a result < LOD
J = Indicates a result > = LOD but < LOQ

Report of Analysis

Client Sample ID:	139799-WASTE-C-001		
Lab Sample ID:	MC4194-2	**Date Sampled:**	09/30/11
Matrix:	SO - Solid	**Date Received:**	10/01/11
		Percent Solids:	91.1
Project:	Kittery Maine Site 30 Disposal Samples		

General Chemistry

Analyte	Result	LOQ	LOD	Units	DF	Analyzed	By	Method
Corrosivity as pH	12.0				1	10/04/11	MA	SW846 CHAP7
Cyanide Reactivity	1.6 U	1.6	1.6	mg/kg	1	10/05/11	BF	SW846 CHAP7
Ignitability (Flashpoint)	> 230			Deg. F	1	10/04/11	BF	SW846 1020
Solids, Percent	91.1			%	1	10/04/11	CF	SM21 2540 B MOD.
Sulfide Reactivity	55 U	55	55	mg/kg	1	10/05/11	BF	SW846 CHAP7

LOQ = Limit of Quantitation
LOD = Limit of Detection

U = Indicates a result < LOD
J = Indicates a result > = LOD but < LOQ

Report of Analysis

Client Sample ID:	139799-WASTE-C-001		
Lab Sample ID:	MC4194-2A	**Date Sampled:**	09/30/11
Matrix:	SO - Solid	**Date Received:**	10/01/11
Method:	SW846 8260B SW846 1311	**Percent Solids:**	91.1
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L57600.D	100	10/04/11	EK	10/03/11	GP13589	MSL1932
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	LOQ	LOD	Units	Q
71-43-2	Benzene	0.046 U	D018	0.50	0.050	0.046 [a]	mg/l	
78-93-3	2-Butanone (MEK)	0.27 U	D035	200	0.50	0.27 [a]	mg/l	
56-23-5	Carbon tetrachloride	0.058 U	D019	0.50	0.10	0.058 [a]	mg/l	
108-90-7	Chlorobenzene	0.044 U	D021	100	0.10	0.044 [a]	mg/l	
67-66-3	Chloroform	0.058 U	D022	6.0	0.10	0.058 [a]	mg/l	
106-46-7	1,4-Dichlorobenzene	0.042 U	D027	7.5	0.10	0.042 [a]	mg/l	
107-06-2	1,2-Dichloroethane	0.044 U	D028	0.50	0.10	0.044 [a]	mg/l	
75-35-4	1,1-Dichloroethene	0.080 U	D029	0.70	0.10	0.080 [a]	mg/l	
127-18-4	Tetrachloroethene	0.036 U	D039	0.70	0.10	0.036 [a]	mg/l	
79-01-6	Trichloroethene	0.075 U	D040	0.50	0.10	0.075 [a]	mg/l	
75-01-4	Vinyl chloride	0.083 U	D043	0.20	0.10	0.083 [a]	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	91%		70-130%
2037-26-5	Toluene-D8	91%		70-130%
460-00-4	4-Bromofluorobenzene	90%		70-130%

(a) Value reported is laboratory DL (MDL).

U = Not detected LOD - Limit of Detection
MCL = Maximum Contamination Level (40 CFR 261 6/96)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-C-001		
Lab Sample ID:	MC4194-2A	**Date Sampled:**	09/30/11
Matrix:	SO - Solid	**Date Received:**	10/01/11
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	91.1
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	S27623.D	1	10/05/11	PR	10/03/11	OP26473	MSS1195
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	1.0 ml
Run #2		

ABN TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	LOQ	LOD	Units	Q
95-48-7	2-Methylphenol	0.020 U	D023	200	0.10	0.020	mg/l	
	3&4-Methylphenol	0.010 U	D024	200	0.10	0.010	mg/l	
87-86-5	Pentachlorophenol	0.020 U	D037	100	0.10	0.020	mg/l	
95-95-4	2,4,5-Trichlorophenol	0.0050 U	D041	400	0.10	0.0050	mg/l	
88-06-2	2,4,6-Trichlorophenol	0.0050 U	D042	2.0	0.10	0.0050	mg/l	
106-46-7	1,4-Dichlorobenzene	0.0050 U	D027	7.5	0.050	0.0050	mg/l	
121-14-2	2,4-Dinitrotoluene	0.020 U	D030	0.13	0.10	0.020	mg/l	
118-74-1	Hexachlorobenzene	0.0050 U	D032	0.13	0.050	0.0050	mg/l	
87-68-3	Hexachlorobutadiene	0.0050 U	D033	0.50	0.050	0.0050	mg/l	
67-72-1	Hexachloroethane	0.020 U	D034	3.0	0.050	0.020	mg/l	
98-95-3	Nitrobenzene	0.0050 U	D036	2.0	0.050	0.0050	mg/l	
110-86-1	Pyridine	0.050 U	D038	5.0	0.10	0.050	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	79%		15-110%
4165-62-2	Phenol-d5	73%		15-110%
118-79-6	2,4,6-Tribromophenol	85%		15-110%
4165-60-0	Nitrobenzene-d5	82%		30-130%
321-60-8	2-Fluorobiphenyl	82%		30-130%
1718-51-0	Terphenyl-d14	85%		30-130%

U = Not detected LOD - Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 6/96) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-C-001		
Lab Sample ID:	MC4194-2A	**Date Sampled:**	09/30/11
Matrix:	SO - Solid	**Date Received:**	10/01/11
Method:	SW846 8151 SW846 3510C	**Percent Solids:**	91.1
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YZ68271.D	1	10/06/11	CZ	10/03/11	OP26470	GYZ6530
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	5.0 ml
Run #2		

Herbicide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	LOQ	LOD	Units	Q
94-75-7	2,4-D	0.0014 U	D016	10	0.010	0.0014	mg/l	
93-72-1	2,4,5-TP (Silvex)	0.0013 U	D017	1.0	0.010	0.0013	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	101%		30-150%
19719-28-9	2,4-DCAA	98%		30-150%

U = Not detected LOD - Limit of Detection
MCL = Maximum Contamination Level (40 CFR 261 6/96)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-C-001		
Lab Sample ID:	MC4194-2A	**Date Sampled:**	09/30/11
Matrix:	SO - Solid	**Date Received:**	10/01/11
Method:	SW846 8081 SW846 3510C	**Percent Solids:**	91.1
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BB38619.D	1	10/05/11	CZ	10/03/11	OP26469	GBB2413
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	5.0 ml
Run #2		

Pesticide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	LOQ	LOD	Units	Q
58-89-9	gamma-BHC (Lindane)	0.00025 U	D013	0.40	0.00050	0.00025	mg/l	
12789-03-6	Chlordane	0.0050 U	D020	0.030	0.0050	0.0050	mg/l	
72-20-8	Endrin	0.00025 U	D012	0.020	0.00050	0.00025	mg/l	
76-44-8	Heptachlor	0.00025 U	D031	0.0080	0.00050	0.00025	mg/l	
1024-57-3	Heptachlor epoxide	0.00025 U	D031	0.0080	0.00050	0.00025	mg/l	
72-43-5	Methoxychlor	0.00025 U	D014	10	0.00050	0.00025	mg/l	
8001-35-2	Toxaphene	0.0025 U	D015	0.50	0.025	0.0025	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	74%		30-150%
877-09-8	Tetrachloro-m-xylene	71%		30-150%
2051-24-3	Decachlorobiphenyl	82%		30-150%
2051-24-3	Decachlorobiphenyl	72%		30-150%

U = Not detected LOD - Limit of Detection
MCL = Maximum Contamination Level (40 CFR 261 6/96)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-C-001		
Lab Sample ID:	MC4194-2A	**Date Sampled:**	09/30/11
Matrix:	SO - Solid	**Date Received:**	10/01/11
		Percent Solids:	91.1
Project:	Kittery Maine Site 30 Disposal Samples		

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	LOQ	LOD	Units	DF	Prep	Analyzed	By	Method
Arsenic	0.0035 U	D004	5.0	0.010	0.0035	mg/l	1	10/04/11	10/05/11	DA	SW846 6010C [2]
Barium	0.15 J,Q	D005	100	0.50	0.0010	mg/l	1	10/04/11	10/05/11	DA	SW846 6010C [2]
Cadmium	0.00060 U	D006	1.0	0.0040	0.00060	mg/l	1	10/04/11	10/05/11	DA	SW846 6010C [2]
Chromium	0.0035 J	D007	5.0	0.010	0.0010	mg/l	1	10/04/11	10/05/11	DA	SW846 6010C [2]
Lead	0.0035 U	D008	5.0	0.010	0.0035	mg/l	1	10/04/11	10/05/11	DA	SW846 6010C [2]
Mercury	0.000058 U	D009	0.20	0.00020	0.000058	mg/l	1	10/04/11	10/04/11	MA	SW846 7470A [1]
Selenium	0.0035 U	D010	1.0	0.025	0.0035	mg/l	1	10/04/11	10/05/11	DA	SW846 6010C [2]
Silver	0.0010 U	D011	5.0	0.0050	0.0010	mg/l	1	10/04/11	10/05/11	DA	SW846 6010C [2]

(1) Instrument QC Batch: MA13467
(2) Instrument QC Batch: MA13470
(3) Prep QC Batch: MP17858
(4) Prep QC Batch: MP17859

LOQ = Limit of Quantitation LOD = Limit of Detection U = Indicates a result < LOD
MCL = Maximum Contamination Level (40 CFR 261 6/96) J = Indicates a result > = LOD but < LOQ

New England ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Certification Exceptions (ME)
- Chain of Custody

CHAIN-OF-CUSTODY RECORD

COC Number: 139799-93011
Purchase Order Number: MC4194

Shaw Environmental & Infrastructure, Inc.

SHAW Environmental & Infrastructure, INC. - 500 E. Main Street, Suite 1630, Norfolk, VA 23510 - (757) 363 7190

Lab Contractor	Lab Receiving Address
Accutest	Accutest New England 495 Technology Center West, Building One Marlborough, MA 01752 (508) 481-6200

Project Name	Project Number
Kittery Maine Site 30	Disposal Samples

Project Manager	Sampler	State Contact Number
139799	Natasha Kelley Sullivan	(410)529-7598

Client	Project Manager
NAVY	Fred Poulin

Analysis Desired

Item No.	Sample Number	Date	Time	Matrix	Sample Description	Number of Containers	FULL TCLP by SW-846	Cyanide Reactivity SW-846 7.3.3.2	Sulfide Reactivity SW-846 7.3.4.2	Ignitability (Flashpoint) SW-846 1020A	Corrosivity as pH SW-846 CHAP7/9045D	Total PCBs SW-846 8082B	TCL Volatiles SW-846 5035/8260B	TCL Semivolatiles SW-846 8270D	Total Metals (As, Cd, Cr, Pb, Hg) by SW-846 6010C/7471	TPH GRO/DRO SW-846 8015
1	139799-Waste-S-001	9-30-11	10:24	Soil	Site 30 Waste Sample Soil	1-950 ml amber soil jar (No Preservative), 1-40 ml vials (10ML MeOH), 2- 40 ml voa vials (Sodium Biosulfate) 2 - 2 oz jar (No Preservative)	X	X	X	X	X	X	X	X	X	X
2	139799-Waste-C-001	9-30-11	10:45	Concrete	Site 30 Waste Sample Concrete	1-950 ml amber soil jar (No Preservative), 1-40 ml vials (10ML MeOH), 2- 40 ml voa vials (Sodium Biosulfate) 2 - 2 oz jar (No Preservative)	X	X	X	X	X	X	X	X	X	X
3																
4																
5																
6																

Turnaround Time Required	Sampled By	COMMENTS
☐ 7 calendar Day TAT	Jonathan Ward, SHAW	15D, 10B2

Transfers	Relinquished By	Date	Time	Transfers	Accepted By	Date	Time	Remarks
1					FEDEX			
2	FED EX	10-1	1230	Bruce H		10-1-11	1230	
3								
4								

Summary Report

Deliverables: EDD Excel + NIRIS

Please Log In under Global General Services

*** **Fax results to Natasha Sullivan (410) 529-7599**

2.9°C

MC4194: Chain of Custody
Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: MC4194 **Client:** SHAW **Immediate Client Services Action Required:** No

Date / Time Received: 10/1/2011 **Delivery Method:** **Client Service Action Required at Login:** No

Project: KITTERY MAIE **No. Coolers:** 1 **Airbill #'s:** N/A

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	Infared gun		
3. Cooler media:	Ice (bag)		

Quality Control Preservatio	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☑
2. Trip Blank listed on COC:	☐		☐	☑
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☑		☐	☐

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments

Accutest Laboratories
V:508.481.6200

495 Technology Center West, Bldg One
F: 508.481.7753

Marlborough, MA
www/accutest.com

MC4194: Chain of Custody
Page 2 of 2

New England ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSL1932-MB	L57592.D	1	10/04/11	EK	n/a	n/a	MSL1932

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4194-1A, MC4194-2A

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.50	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.7	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.58	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.58	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.42	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.44	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.80	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.36	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.75	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.82	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	89%	70-130%
2037-26-5	Toluene-D8	90%	70-130%
460-00-4	4-Bromofluorobenzene	85%	70-130%

Method Blank Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSV101-MB	V2319.D	1	10/05/11	AMY	n/a	n/a	MSV101

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4194-1, MC4194-2

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	5.0	1.2	ug/kg	
71-43-2	Benzene	ND	0.50	0.13	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.21	ug/kg	
75-25-2	Bromoform	ND	2.0	0.47	ug/kg	
74-83-9	Bromomethane	ND	2.0	0.68	ug/kg	
78-93-3	2-Butanone (MEK)	ND	5.0	1.2	ug/kg	
75-15-0	Carbon disulfide	ND	5.0	0.97	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.22	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.094	ug/kg	
75-00-3	Chloroethane	ND	5.0	0.26	ug/kg	
67-66-3	Chloroform	ND	2.0	0.15	ug/kg	
74-87-3	Chloromethane	ND	5.0	0.22	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.65	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.0	0.15	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.0	0.15	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.0	0.32	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	0.27	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	0.25	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.23	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	1.0	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.68	ug/kg	
100-41-4	Ethylbenzene	ND	2.0	0.13	ug/kg	
591-78-6	2-Hexanone	ND	5.0	1.0	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	0.84	ug/kg	
75-09-2	Methylene chloride	ND	2.0	0.36	ug/kg	
100-42-5	Styrene	ND	5.0	0.50	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.18	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.17	ug/kg	
108-88-3	Toluene	ND	5.0	0.18	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.18	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.25	ug/kg	
79-01-6	Trichloroethene	ND	2.0	0.20	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.64	ug/kg	
1330-20-7	Xylene (total)	ND	2.0	0.13	ug/kg	

Method Blank Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSV101-MB	V2319.D	1	10/05/11	AMY	n/a	n/a	MSV101

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4194-1, MC4194-2

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	102%	70-130%
2037-26-5	Toluene-D8	97%	70-130%
460-00-4	4-Bromofluorobenzene	102%	70-130%

Leachate Blank Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GP13589-LB1	L57596.D	10	10/04/11	EK	10/03/11	GP13589	MSL1932

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4194-1A, MC4194-2A

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	4.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	50	27	ug/l	
56-23-5	Carbon tetrachloride	ND	20	5.8	ug/l	
108-90-7	Chlorobenzene	ND	20	4.4	ug/l	
67-66-3	Chloroform	ND	20	5.8	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	20	4.2	ug/l	
107-06-2	1,2-Dichloroethane	ND	20	4.4	ug/l	
75-35-4	1,1-Dichloroethene	ND	20	8.0	ug/l	
127-18-4	Tetrachloroethene	ND	20	3.6	ug/l	
79-01-6	Trichloroethene	ND	20	7.5	ug/l	
75-01-4	Vinyl chloride	ND	20	8.2	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	84%	70-130%
2037-26-5	Toluene-D8	91%	70-130%
460-00-4	4-Bromofluorobenzene	88%	70-130%

Blank Spike Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSL1932-BS	L57589.D	1	10/04/11	EK	n/a	n/a	MSL1932

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4194-1A, MC4194-2A

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	50	49.6	99	70-130
78-93-3	2-Butanone (MEK)	50	51.7	103	70-130
56-23-5	Carbon tetrachloride	50	53.5	107	70-130
108-90-7	Chlorobenzene	50	45.3	91	70-130
67-66-3	Chloroform	50	48.3	97	70-130
106-46-7	1,4-Dichlorobenzene	50	45.0	90	70-130
107-06-2	1,2-Dichloroethane	50	48.9	98	70-130
75-35-4	1,1-Dichloroethene	50	53.5	107	70-130
127-18-4	Tetrachloroethene	50	48.1	96	70-130
79-01-6	Trichloroethene	50	55.0	110	70-130
75-01-4	Vinyl chloride	50	39.4	79	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	87%	70-130%
2037-26-5	Toluene-D8	89%	70-130%
460-00-4	4-Bromofluorobenzene	87%	70-130%

Blank Spike Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSV101-BS	V2321.D	1	10/05/11	AMY	n/a	n/a	MSV101

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4194-1, MC4194-2

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	50	46.0	92	70-130
71-43-2	Benzene	50	58.1	116	70-130
75-27-4	Bromodichloromethane	50	53.4	107	70-130
75-25-2	Bromoform	50	57.1	114	70-130
74-83-9	Bromomethane	50	51.8	104	70-130
78-93-3	2-Butanone (MEK)	50	77.7	155* [a]	70-130
75-15-0	Carbon disulfide	50	55.2	110	70-130
56-23-5	Carbon tetrachloride	50	51.9	104	70-130
108-90-7	Chlorobenzene	50	51.5	103	70-130
75-00-3	Chloroethane	50	62.8	126	70-130
67-66-3	Chloroform	50	52.0	104	70-130
74-87-3	Chloromethane	50	57.7	115	70-130
124-48-1	Dibromochloromethane	50	55.3	111	70-130
75-34-3	1,1-Dichloroethane	50	58.3	117	70-130
107-06-2	1,2-Dichloroethane	50	59.4	119	70-130
75-35-4	1,1-Dichloroethene	50	58.6	117	70-130
156-59-2	cis-1,2-Dichloroethene	50	52.8	106	70-130
156-60-5	trans-1,2-Dichloroethene	50	55.2	110	70-130
78-87-5	1,2-Dichloropropane	50	52.5	105	70-130
10061-01-5	cis-1,3-Dichloropropene	50	57.0	114	70-130
10061-02-6	trans-1,3-Dichloropropene	50	64.0	128	70-130
100-41-4	Ethylbenzene	50	53.1	106	70-130
591-78-6	2-Hexanone	50	88.8	178* [a]	70-130
108-10-1	4-Methyl-2-pentanone (MIBK)	50	82.0	164* [a]	70-130
75-09-2	Methylene chloride	50	61.3	123	70-130
100-42-5	Styrene	50	59.8	120	70-130
79-34-5	1,1,2,2-Tetrachloroethane	50	66.5	133* [a]	70-130
127-18-4	Tetrachloroethene	50	51.1	102	70-130
108-88-3	Toluene	50	54.0	108	70-130
71-55-6	1,1,1-Trichloroethane	50	49.9	100	70-130
79-00-5	1,1,2-Trichloroethane	50	53.4	107	70-130
79-01-6	Trichloroethene	50	54.2	108	70-130
75-01-4	Vinyl chloride	50	49.7	99	70-130
1330-20-7	Xylene (total)	150	182	121	70-130

Blank Spike Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSV101-BS	V2321.D	1	10/05/11	AMY	n/a	n/a	MSV101

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4194-1, MC4194-2

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	103%	70-130%
2037-26-5	Toluene-D8	103%	70-130%
460-00-4	4-Bromofluorobenzene	107%	70-130%

(a) Outside control limits. Associated samples are non-detect for this compound.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC3931-8MS	L57611.D	5	10/04/11	EK	n/a	n/a	MSL1932
MC3931-8MSD	L57612.D	5	10/04/11	EK	n/a	n/a	MSL1932
MC3931-8	L57607.D	1	10/04/11	EK	n/a	n/a	MSL1932

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4194-1A, MC4194-2A

CAS No.	Compound	MC3931-8 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	16.1		250	276	104	268	101	3	70-130/30
78-93-3	2-Butanone (MEK)	ND		250	203	81	187	75	8	70-130/30
56-23-5	Carbon tetrachloride	ND		250	273	109	273	109	0	70-130/30
108-90-7	Chlorobenzene	ND		250	239	96	240	96	0	70-130/30
67-66-3	Chloroform	ND		250	259	104	249	100	4	70-130/30
106-46-7	1,4-Dichlorobenzene	ND		250	229	92	230	92	0	70-130/30
107-06-2	1,2-Dichloroethane	ND		250	262	105	255	102	3	70-130/30
75-35-4	1,1-Dichloroethene	ND		250	277	111	279	112	1	70-130/30
127-18-4	Tetrachloroethene	ND		250	249	100	247	99	1	70-130/30
79-01-6	Trichloroethene	ND		250	261	104	255	102	2	70-130/30
75-01-4	Vinyl chloride	ND		250	203	81	203	81	0	70-130/30

CAS No.	Surrogate Recoveries	MS	MSD	MC3931-8	Limits
1868-53-7	Dibromofluoromethane	90%	89%	88%	70-130%
2037-26-5	Toluene-D8	91%	90%	92%	70-130%
460-00-4	4-Bromofluorobenzene	89%	91%	91%	70-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC4079-11MS	V2335.D	1	10/05/11	AMY	n/a	n/a	MSV101
MC4079-11MSD	V2336.D	1	10/05/11	AMY	n/a	n/a	MSV101
MC4079-11	V2334.D	1	10/05/11	AMY	n/a	n/a	MSV101

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4194-1, MC4194-2

CAS No.	Compound	MC4079-11 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		57	86.6	152* [a]	87.5	155* [a]	1	70-130/30
71-43-2	Benzene	ND		57	61.1	107	65.6	116	7	70-130/30
75-27-4	Bromodichloromethane	ND		57	50.5	89	53.7	95	6	70-130/30
75-25-2	Bromoform	ND		57	39.6	70	45.5	81	14	70-130/30
74-83-9	Bromomethane	ND		57	62.2	109	67.6	120	8	70-130/30
78-93-3	2-Butanone (MEK)	ND		57	64.8	114	72.2	128	11	70-130/30
75-15-0	Carbon disulfide	ND		57	62.8	110	70.9	126	12	70-130/30
56-23-5	Carbon tetrachloride	ND		57	45.3	80	48.4	86	7	70-130/30
108-90-7	Chlorobenzene	ND		57	54.9	96	62.6	111	13	70-130/30
75-00-3	Chloroethane	ND		57	74.9	131* [b]	84.5	150* [b]	12	70-130/30
67-66-3	Chloroform	ND		57	60.5	106	66.8	118	10	70-130/30
74-87-3	Chloromethane	ND		57	69.6	122	77.6	137* [b]	11	70-130/30
124-48-1	Dibromochloromethane	ND		57	50.9	89	58.1	103	13	70-130/30
75-34-3	1,1-Dichloroethane	ND		57	69.3	122	77.5	137* [b]	11	70-130/30
107-06-2	1,2-Dichloroethane	ND		57	55.0	97	58.4	103	6	70-130/30
75-35-4	1,1-Dichloroethene	ND		57	69.4	122	77.0	136* [b]	10	70-130/30
156-59-2	cis-1,2-Dichloroethene	ND		57	61.5	108	68.2	121	10	70-130/30
156-60-5	trans-1,2-Dichloroethene	ND		57	65.2	114	72.9	129	11	70-130/30
78-87-5	1,2-Dichloropropane	ND		57	57.5	101	60.7	107	5	70-130/30
10061-01-5	cis-1,3-Dichloropropene	ND		57	53.6	94	57.0	101	6	70-130/30
10061-02-6	trans-1,3-Dichloropropene	ND		57	53.8	94	56.8	101	5	70-130/30
100-41-4	Ethylbenzene	ND		57	49.1	86	54.1	96	10	70-130/30
591-78-6	2-Hexanone	ND		57	77.1	135* [b]	80.0	142* [b]	4	70-130/30
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		57	60.6	106	64.8	115	7	70-130/30
75-09-2	Methylene chloride	ND		57	69.1	121	76.2	135* [a]	10	70-130/30
100-42-5	Styrene	ND		57	47.5	83	53.1	94	11	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	ND		57	96.1	169* [b]	122	216* [b]	24	70-130/30
127-18-4	Tetrachloroethene	ND		57	42.6	75	47.3	84	10	70-130/30
108-88-3	Toluene	ND		57	49.0	86	52.7	93	7	70-130/30
71-55-6	1,1,1-Trichloroethane	ND		57	55.0	97	61.4	109	11	70-130/30
79-00-5	1,1,2-Trichloroethane	ND		57	50.4	88	52.7	93	4	70-130/30
79-01-6	Trichloroethene	ND		57	51.2	90	54.7	97	7	70-130/30
75-01-4	Vinyl chloride	ND		57	60.0	105	67.4	119	12	70-130/30
1330-20-7	Xylene (total)	ND		171	143	84	157	93	9	70-130/30

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC4079-11MS	V2335.D	1	10/05/11	AMY	n/a	n/a	MSV101
MC4079-11MSD	V2336.D	1	10/05/11	AMY	n/a	n/a	MSV101
MC4079-11	V2334.D	1	10/05/11	AMY	n/a	n/a	MSV101

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4194-1, MC4194-2

CAS No.	Surrogate Recoveries	MS	MSD	MC4079-11	Limits
1868-53-7	Dibromofluoromethane	103%	105%	105%	70-130%
2037-26-5	Toluene-D8	90%	85%	84%	70-130%
460-00-4	4-Bromofluorobenzene	146%* c	147%* c	152%* c	70-130%

(a) Outside control limits due to possible matrix interference. Refer to Blank Spike.
(b) Outside control limits. Associated samples are non-detect for this compound.
(c) Outside control limits due to possible matrix interference. Confirmed by MS/MSD.

Leachate Spike Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GP13589-LS2	L57598.D	100	10/04/11	EK	10/03/11	GP13589	MSL1932
MC4188-1	L57597.D	100	10/04/11	EK	10/03/11	GP13589	MSL1932

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4194-1A, MC4194-2A

CAS No.	Compound	MC4188-1 ug/l	Q	Spike ug/l	LS ug/l	LS %	Limits
71-43-2	Benzene	ND		5000	5240	105	70-130
78-93-3	2-Butanone (MEK)	ND		5000	3950	79	70-130
56-23-5	Carbon tetrachloride	ND		5000	5440	109	70-130
108-90-7	Chlorobenzene	ND		5000	4900	98	70-130
67-66-3	Chloroform	ND		5000	5270	105	70-130
106-46-7	1,4-Dichlorobenzene	ND		5000	4740	95	70-130
107-06-2	1,2-Dichloroethane	ND		5000	5190	104	70-130
75-35-4	1,1-Dichloroethene	ND		5000	5700	114	70-130
127-18-4	Tetrachloroethene	ND		5000	5020	100	70-130
79-01-6	Trichloroethene	ND		5000	5200	104	70-130
75-01-4	Vinyl chloride	ND		5000	4360	87	70-130

CAS No.	Surrogate Recoveries	LS	MC4188-1	Limits
1868-53-7	Dibromofluoromethane	91%	90%	70-130%
2037-26-5	Toluene-D8	90%	90%	70-130%
460-00-4	4-Bromofluorobenzene	88%	87%	70-130%

Leachate Spike Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GP13589-LS1	L57603.D	100	10/04/11	EK	10/03/11	GP13589	MSL1932
MC4146-1 [a]	L57602.D	100	10/04/11	EK	10/03/11	GP13589	MSL1932

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4194-1A, MC4194-2A

CAS No.	Compound	MC4146-1 ug/l	Q	Spike ug/l	LS ug/l	LS %	Limits
71-43-2	Benzene	50 U		5000	5390	108	70-130
78-93-3	2-Butanone (MEK)	500 U		5000	4110	82	70-130
56-23-5	Carbon tetrachloride	100 U		5000	5560	111	70-130
108-90-7	Chlorobenzene	100 U		5000	4980	100	70-130
67-66-3	Chloroform	100 U		5000	5370	107	70-130
106-46-7	1,4-Dichlorobenzene	100 U		5000	4680	94	70-130
107-06-2	1,2-Dichloroethane	100 U		5000	5350	107	70-130
75-35-4	1,1-Dichloroethene	100 U		5000	5900	118	70-130
127-18-4	Tetrachloroethene	100 U		5000	5060	101	70-130
79-01-6	Trichloroethene	100 U		5000	5330	107	70-130
75-01-4	Vinyl chloride	100 U		5000	4320	86	70-130

CAS No.	Surrogate Recoveries	LS	MC4146-1	Limits
1868-53-7	Dibromofluoromethane	94%	93%	70-130%
2037-26-5	Toluene-D8	94%	91%	70-130%
460-00-4	4-Bromofluorobenzene	92%	87%	70-130%

(a) Analysis performed via SW846-8260C

Volatile Surrogate Recovery Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Method: SW846 8260B **Matrix:** LEACHATE

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3
MC4194-1A	L57599.D	92.0	92.0	88.0
MC4194-2A	L57600.D	91.0	91.0	90.0
GP13589-LB1	L57596.D	84.0	91.0	88.0
GP13589-LS1	L57603.D	94.0	94.0	92.0
GP13589-LS2	L57598.D	91.0	90.0	88.0
MC3931-8MS	L57611.D	90.0	91.0	89.0
MC3931-8MSD	L57612.D	89.0	90.0	91.0
MSL1932-BS	L57589.D	87.0	89.0	87.0
MSL1932-MB	L57592.D	89.0	90.0	85.0

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	70-130%
S2 = Toluene-D8	70-130%
S3 = 4-Bromofluorobenzene	70-130%

Volatile Surrogate Recovery Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Method: SW846 8260B **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3
MC4194-1	V2332.D	98.0	95.0	101.0
MC4194-2	V2333.D	97.0	95.0	101.0
MC4079-11MS	V2335.D	103.0	90.0	146.0* [a]
MC4079-11MSD	V2336.D	105.0	85.0	147.0* [a]
MSV101-BS	V2321.D	103.0	103.0	107.0
MSV101-MB	V2319.D	102.0	97.0	102.0

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	70-130%
S2 = Toluene-D8	70-130%
S3 = 4-Bromofluorobenzene	70-130%

(a) Outside control limits due to possible matrix interference. Confirmed by MS/MSD.

New England ACCUTEST LABORATORIES

GC/MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26473-MB	S27609.D	1	10/05/11	PR	10/03/11	OP26473	MSS1195

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4194-1A, MC4194-2A

CAS No.	Compound	Result	RL	MDL	Units	Q
95-48-7	2-Methylphenol	ND	10	0.60	ug/l	
	3&4-Methylphenol	ND	10	0.75	ug/l	
87-86-5	Pentachlorophenol	ND	10	0.64	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	10	0.49	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	10	0.35	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	0.21	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	10	2.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	0.50	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.33	ug/l	
67-72-1	Hexachloroethane	ND	5.0	2.0	ug/l	
98-95-3	Nitrobenzene	ND	5.0	0.24	ug/l	
110-86-1	Pyridine	ND	10	5.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	44%	15-110%
4165-62-2	Phenol-d5	30%	15-110%
118-79-6	2,4,6-Tribromophenol	79%	15-110%
4165-60-0	Nitrobenzene-d5	75%	30-130%
321-60-8	2-Fluorobiphenyl	73%	30-130%
1718-51-0	Terphenyl-d14	86%	30-130%

Method Blank Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26484-MB	S27649.D	1	10/06/11	PR	10/04/11	OP26484	MSS1197

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4194-1, MC4194-2

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	240	13	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	490	17	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	490	29	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	490	49	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	970	240	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	490	240	ug/kg	
95-48-7	2-Methylphenol	ND	490	14	ug/kg	
	3&4-Methylphenol	ND	490	26	ug/kg	
88-75-5	2-Nitrophenol	ND	490	29	ug/kg	
100-02-7	4-Nitrophenol	ND	970	240	ug/kg	
87-86-5	Pentachlorophenol	ND	490	45	ug/kg	
108-95-2	Phenol	ND	240	40	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	490	36	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	490	33	ug/kg	
83-32-9	Acenaphthene	ND	240	20	ug/kg	
208-96-8	Acenaphthylene	ND	240	18	ug/kg	
120-12-7	Anthracene	ND	240	19	ug/kg	
56-55-3	Benzo(a)anthracene	ND	240	8.9	ug/kg	
50-32-8	Benzo(a)pyrene	ND	240	15	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	240	28	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	240	16	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	240	7.2	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	240	20	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	240	10	ug/kg	
91-58-7	2-Chloronaphthalene	ND	240	20	ug/kg	
106-47-8	4-Chloroaniline	ND	490	120	ug/kg	
86-74-8	Carbazole	ND	240	19	ug/kg	
218-01-9	Chrysene	ND	240	7.9	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	240	19	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	240	5.2	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	240	23	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	240	22	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	240	20	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	240	20	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	240	20	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	490	120	ug/kg	

Method Blank Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26484-MB	S27649.D	1	10/06/11	PR	10/04/11	OP26484	MSS1197

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4194-1, MC4194-2

CAS No.	Compound	Result	RL	MDL	Units	Q
606-20-2	2,6-Dinitrotoluene	ND	490	23	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	240	5.8	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	240	16	ug/kg	
132-64-9	Dibenzofuran	ND	240	21	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	240	22	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	240	13	ug/kg	
84-66-2	Diethyl phthalate	ND	240	21	ug/kg	
131-11-3	Dimethyl phthalate	ND	240	17	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	240	17	ug/kg	
206-44-0	Fluoranthene	ND	240	8.3	ug/kg	
86-73-7	Fluorene	ND	240	5.3	ug/kg	
118-74-1	Hexachlorobenzene	ND	240	21	ug/kg	
87-68-3	Hexachlorobutadiene	ND	240	19	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	490	3.3	ug/kg	
67-72-1	Hexachloroethane	ND	240	20	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	240	15	ug/kg	
78-59-1	Isophorone	ND	240	24	ug/kg	
91-57-6	2-Methylnaphthalene	ND	240	20	ug/kg	
88-74-4	2-Nitroaniline	ND	490	120	ug/kg	
99-09-2	3-Nitroaniline	ND	490	120	ug/kg	
100-01-6	4-Nitroaniline	ND	490	18	ug/kg	
91-20-3	Naphthalene	ND	240	5.6	ug/kg	
98-95-3	Nitrobenzene	ND	240	7.2	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	240	15	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	240	13	ug/kg	
85-01-8	Phenanthrene	ND	240	6.3	ug/kg	
129-00-0	Pyrene	ND	240	7.8	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	240	21	ug/kg	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	72%	30-130%
4165-62-2	Phenol-d5	73%	30-130%
118-79-6	2,4,6-Tribromophenol	71%	30-130%
4165-60-0	Nitrobenzene-d5	69%	30-130%

Method Blank Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26484-MB	S27649.D	1	10/06/11	PR	10/04/11	OP26484	MSS1197

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4194-1, MC4194-2

CAS No.	Surrogate Recoveries		Limits
321-60-8	2-Fluorobiphenyl	73%	30-130%
1718-51-0	Terphenyl-d14	89%	30-130%

Leachate Blank Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26473-LB2	S27613.D	1	10/05/11	PR	10/03/11	OP26473	MSS1195

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4194-1A, MC4194-2A

CAS No.	Compound	Result	RL	MDL	Units	Q
95-48-7	2-Methylphenol	ND	100	6.0	ug/l	
	3&4-Methylphenol	ND	100	7.5	ug/l	
87-86-5	Pentachlorophenol	ND	100	6.4	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	100	4.9	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	100	3.5	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	50	2.1	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	100	20	ug/l	
118-74-1	Hexachlorobenzene	ND	50	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	50	3.3	ug/l	
67-72-1	Hexachloroethane	ND	50	20	ug/l	
98-95-3	Nitrobenzene	ND	50	2.4	ug/l	
110-86-1	Pyridine	ND	100	50	ug/l	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	81%	15-110%
4165-62-2	Phenol-d5	76%	15-110%
118-79-6	2,4,6-Tribromophenol	89%	15-110%
4165-60-0	Nitrobenzene-d5	87%	30-130%
321-60-8	2-Fluorobiphenyl	86%	30-130%
1718-51-0	Terphenyl-d14	88%	30-130%

Leachate Blank Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26473-LB	S27621.D	1	10/05/11	PR	10/03/11	OP26473	MSS1195

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4194-1A, MC4194-2A

CAS No.	Compound	Result	RL	MDL	Units	Q
95-48-7	2-Methylphenol	ND	100	6.0	ug/l	
	3&4-Methylphenol	ND	100	7.5	ug/l	
87-86-5	Pentachlorophenol	ND	100	6.4	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	100	4.9	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	100	3.5	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	50	2.1	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	100	20	ug/l	
118-74-1	Hexachlorobenzene	ND	50	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	50	3.3	ug/l	
67-72-1	Hexachloroethane	ND	50	20	ug/l	
98-95-3	Nitrobenzene	ND	50	2.4	ug/l	
110-86-1	Pyridine	ND	100	50	ug/l	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	80%	15-110%
4165-62-2	Phenol-d5	72%	15-110%
118-79-6	2,4,6-Tribromophenol	86%	15-110%
4165-60-0	Nitrobenzene-d5	83%	30-130%
321-60-8	2-Fluorobiphenyl	80%	30-130%
1718-51-0	Terphenyl-d14	87%	30-130%

Blank Spike Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26473-BS	S27612.D	1	10/05/11	PR	10/03/11	OP26473	MSS1195

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4194-1A, MC4194-2A

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
95-48-7	2-Methylphenol	100	68.8	69	30-130
	3&4-Methylphenol	200	124	62	30-130
87-86-5	Pentachlorophenol	100	94.3	94	30-130
95-95-4	2,4,5-Trichlorophenol	100	84.1	84	30-130
88-06-2	2,4,6-Trichlorophenol	100	82.1	82	30-130
106-46-7	1,4-Dichlorobenzene	50	33.4	67	40-140
121-14-2	2,4-Dinitrotoluene	50	44.6	89	40-140
118-74-1	Hexachlorobenzene	50	40.4	81	40-140
87-68-3	Hexachlorobutadiene	50	28.6	57	40-140
67-72-1	Hexachloroethane	50	29.7	59	40-140
98-95-3	Nitrobenzene	50	39.7	79	40-140
110-86-1	Pyridine	50	19.9	40	40-140

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	49%	15-110%
4165-62-2	Phenol-d5	34%	15-110%
118-79-6	2,4,6-Tribromophenol	82%	15-110%
4165-60-0	Nitrobenzene-d5	77%	30-130%
321-60-8	2-Fluorobiphenyl	74%	30-130%
1718-51-0	Terphenyl-d14	78%	30-130%

Blank Spike Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26484-BS	S27650.D	1	10/06/11	PR	10/04/11	OP26484	MSS1197

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4194-1, MC4194-2

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
95-57-8	2-Chlorophenol	4860	3290	68	30-130
59-50-7	4-Chloro-3-methyl phenol	4860	3550	73	30-130
120-83-2	2,4-Dichlorophenol	4860	3520	72	30-130
105-67-9	2,4-Dimethylphenol	4860	3190	66	30-130
51-28-5	2,4-Dinitrophenol	4860	2820	58	30-130
534-52-1	4,6-Dinitro-o-cresol	4860	3410	70	30-130
95-48-7	2-Methylphenol	4860	3370	69	30-130
	3&4-Methylphenol	9730	6800	70	30-130
88-75-5	2-Nitrophenol	4860	3440	71	30-130
100-02-7	4-Nitrophenol	4860	3600	74	30-130
87-86-5	Pentachlorophenol	4860	3960	81	30-130
108-95-2	Phenol	4860	3150	65	30-130
95-95-4	2,4,5-Trichlorophenol	4860	3550	73	30-130
88-06-2	2,4,6-Trichlorophenol	4860	3470	71	30-130
83-32-9	Acenaphthene	2430	1740	72	40-140
208-96-8	Acenaphthylene	2430	1350	56	40-140
120-12-7	Anthracene	2430	1810	74	40-140
56-55-3	Benzo(a)anthracene	2430	2170	89	40-140
50-32-8	Benzo(a)pyrene	2430	1690	69	40-140
205-99-2	Benzo(b)fluoranthene	2430	2080	86	40-140
191-24-2	Benzo(g,h,i)perylene	2430	1820	75	40-140
207-08-9	Benzo(k)fluoranthene	2430	2010	83	40-140
101-55-3	4-Bromophenyl phenyl ether	2430	1900	78	40-140
85-68-7	Butyl benzyl phthalate	2430	2010	83	40-140
91-58-7	2-Chloronaphthalene	2430	1770	73	40-140
106-47-8	4-Chloroaniline	2430	1330	55	40-140
86-74-8	Carbazole	2430	1910	79	40-140
218-01-9	Chrysene	2430	1910	79	40-140
111-91-1	bis(2-Chloroethoxy)methane	2430	1670	69	40-140
111-44-4	bis(2-Chloroethyl)ether	2430	1580	65	40-140
108-60-1	bis(2-Chloroisopropyl)ether	2430	1710	70	40-140
7005-72-3	4-Chlorophenyl phenyl ether	2430	1810	74	40-140
95-50-1	1,2-Dichlorobenzene	2430	1580	65	40-140
541-73-1	1,3-Dichlorobenzene	2430	1520	63	40-140
106-46-7	1,4-Dichlorobenzene	2430	1550	64	40-140
121-14-2	2,4-Dinitrotoluene	2430	1850	76	40-140

Blank Spike Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26484-BS	S27650.D	1	10/06/11	PR	10/04/11	OP26484	MSS1197

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4194-1, MC4194-2

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
606-20-2	2,6-Dinitrotoluene	2430	1730	71	40-140
91-94-1	3,3'-Dichlorobenzidine	2430	1530	63	40-140
53-70-3	Dibenzo(a,h)anthracene	2430	1850	76	40-140
132-64-9	Dibenzofuran	2430	1690	69	40-140
84-74-2	Di-n-butyl phthalate	2430	1980	81	40-140
117-84-0	Di-n-octyl phthalate	2430	2190	90	40-140
84-66-2	Diethyl phthalate	2430	1960	81	40-140
131-11-3	Dimethyl phthalate	2430	1890	78	40-140
117-81-7	bis(2-Ethylhexyl)phthalate	2430	2120	87	40-140
206-44-0	Fluoranthene	2430	1910	79	40-140
86-73-7	Fluorene	2430	1770	73	40-140
118-74-1	Hexachlorobenzene	2430	1810	74	40-140
87-68-3	Hexachlorobutadiene	2430	1610	66	40-140
77-47-4	Hexachlorocyclopentadiene	2430	1420	58	40-140
67-72-1	Hexachloroethane	2430	1480	61	40-140
193-39-5	Indeno(1,2,3-cd)pyrene	2430	1910	79	40-140
78-59-1	Isophorone	2430	1310	54	40-140
91-57-6	2-Methylnaphthalene	2430	1670	69	40-140
88-74-4	2-Nitroaniline	2430	1770	73	40-140
99-09-2	3-Nitroaniline	2430	1540	63	40-140
100-01-6	4-Nitroaniline	2430	1630	67	40-140
91-20-3	Naphthalene	2430	1690	69	40-140
98-95-3	Nitrobenzene	2430	1620	67	40-140
621-64-7	N-Nitroso-di-n-propylamine	2430	1860	76	40-140
86-30-6	N-Nitrosodiphenylamine	2430	1890	78	40-140
85-01-8	Phenanthrene	2430	1830	75	40-140
129-00-0	Pyrene	2430	1900	78	40-140
120-82-1	1,2,4-Trichlorobenzene	2430	1670	69	40-140

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	65%	30-130%
4165-62-2	Phenol-d5	67%	30-130%
118-79-6	2,4,6-Tribromophenol	76%	30-130%
4165-60-0	Nitrobenzene-d5	65%	30-130%

Blank Spike Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26484-BS	S27650.D	1	10/06/11	PR	10/04/11	OP26484	MSS1197

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4194-1, MC4194-2

CAS No.	Surrogate Recoveries	BSP	Limits
321-60-8	2-Fluorobiphenyl	69%	30-130%
1718-51-0	Terphenyl-d14	79%	30-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26473-MS	S27617.D	1	10/05/11	PR	10/03/11	OP26473	MSS1195
OP26473-MSD	S27618.D	1	10/05/11	PR	10/03/11	OP26473	MSS1195
MC4051-1A	S27619.D	1	10/05/11	PR	10/03/11	OP26473	MSS1195

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4194-1A, MC4194-2A

CAS No.	Compound	MC4051-1A ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
95-48-7	2-Methylphenol	ND		1000	908	91	894	89	2	30-130/20
	3&4-Methylphenol	ND		2000	1810	91	1790	90	1	30-130/20
87-86-5	Pentachlorophenol	ND		1000	1070	107	1030	103	4	30-130/20
95-95-4	2,4,5-Trichlorophenol	ND		1000	939	94	937	94	0	30-130/20
88-06-2	2,4,6-Trichlorophenol	ND		1000	919	92	914	91	1	30-130/20
106-46-7	1,4-Dichlorobenzene	ND		500	355	71	344	69	3	40-140/20
121-14-2	2,4-Dinitrotoluene	ND		500	481	96	483	97	0	40-140/20
118-74-1	Hexachlorobenzene	ND		500	439	88	429	86	2	40-140/20
87-68-3	Hexachlorobutadiene	ND		500	341	68	321	64	6	40-140/20
67-72-1	Hexachloroethane	ND		500	331	66	313	63	6	40-140/20
98-95-3	Nitrobenzene	ND		500	444	89	441	88	1	40-140/20
110-86-1	Pyridine	ND		500	309	62	328	66	6	40-140/20

CAS No.	Surrogate Recoveries	MS	MSD	MC4051-1A	Limits
367-12-4	2-Fluorophenol	82%	82%	72%	15-110%
4165-62-2	Phenol-d5	77%	77%	67%	15-110%
118-79-6	2,4,6-Tribromophenol	90%	86%	81%	15-110%
4165-60-0	Nitrobenzene-d5	86%	84%	76%	30-130%
321-60-8	2-Fluorobiphenyl	79%	80%	72%	30-130%
1718-51-0	Terphenyl-d14	87%	84%	82%	30-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26484-MS	S27651.D	1	10/06/11	PR	10/04/11	OP26484	MSS1197
OP26484-MSD	S27652.D	1	10/06/11	PR	10/04/11	OP26484	MSS1197
MC3901-63	S27666.D	1	10/07/11	PR	10/04/11	OP26484	MSS1197

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4194-1, MC4194-2

CAS No.	Compound	MC3901-63 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
95-57-8	2-Chlorophenol	ND		5720	3100	54	2940	51	5	30-130/30
59-50-7	4-Chloro-3-methyl phenol	ND		5720	3950	69	3980	69	1	30-130/30
120-83-2	2,4-Dichlorophenol	ND		5720	3700	65	3530	61	5	30-130/30
105-67-9	2,4-Dimethylphenol	ND		5720	3530	62	3410	59	3	30-130/30
51-28-5	2,4-Dinitrophenol	ND		5720	4060	71	3670	64	10	30-130/30
534-52-1	4,6-Dinitro-o-cresol	ND		5720	4300	75	4030	70	6	30-130/30
95-48-7	2-Methylphenol	ND		5720	3290	58	3100	54	6	30-130/30
	3&4-Methylphenol	ND		11400	6550	57	6490	56	1	30-130/30
88-75-5	2-Nitrophenol	ND		5720	3510	61	3190	55	10	30-130/30
100-02-7	4-Nitrophenol	ND		5720	3950	69	4010	70	2	30-130/30
87-86-5	Pentachlorophenol	ND		5720	4650	81	4550	79	2	30-130/30
108-95-2	Phenol	ND		5720	2960	52	2880	50	3	30-130/30
95-95-4	2,4,5-Trichlorophenol	ND		5720	3910	68	4060	70	4	30-130/30
88-06-2	2,4,6-Trichlorophenol	ND		5720	3930	69	3910	68	1	30-130/30
83-32-9	Acenaphthene	ND		2860	1870	65	1880	65	1	40-140/30
208-96-8	Acenaphthylene	ND		2860	1440	50	1450	50	1	40-140/30
120-12-7	Anthracene	ND		2860	1950	68	2020	70	4	40-140/30
56-55-3	Benzo(a)anthracene	ND		2860	2410	84	2460	85	2	40-140/30
50-32-8	Benzo(a)pyrene	ND		2860	1860	65	1900	66	2	40-140/30
205-99-2	Benzo(b)fluoranthene	ND		2860	2070	72	2130	74	3	40-140/30
191-24-2	Benzo(g,h,i)perylene	27.3	J	2860	2360	82	2530	87	7	40-140/30
207-08-9	Benzo(k)fluoranthene	ND		2860	2230	78	2240	78	0	40-140/30
101-55-3	4-Bromophenyl phenyl ether	ND		2860	2110	74	2180	76	3	40-140/30
85-68-7	Butyl benzyl phthalate	ND		2860	2320	81	2290	79	1	40-140/30
91-58-7	2-Chloronaphthalene	ND		2860	1890	66	1850	64	2	40-140/30
106-47-8	4-Chloroaniline	ND		2860	1380	48	1330	46	4	40-140/30
86-74-8	Carbazole	ND		2860	2060	72	2150	75	4	40-140/30
218-01-9	Chrysene	ND		2860	2120	74	2090	72	1	40-140/30
111-91-1	bis(2-Chloroethoxy)methane	ND		2860	1690	59	1600	55	5	40-140/30
111-44-4	bis(2-Chloroethyl)ether	ND		2860	1550	54	1480	51	5	40-140/30
108-60-1	bis(2-Chloroisopropyl)ether	ND		2860	1610	56	1520	53	6	40-140/30
7005-72-3	4-Chlorophenyl phenyl ether	ND		2860	1960	69	2020	70	3	40-140/30
95-50-1	1,2-Dichlorobenzene	ND		2860	1510	53	1400	49	8	40-140/30
541-73-1	1,3-Dichlorobenzene	ND		2860	1450	51	1350	47	7	40-140/30
106-46-7	1,4-Dichlorobenzene	ND		2860	1480	52	1360	47	8	40-140/30
121-14-2	2,4-Dinitrotoluene	ND		2860	2030	71	2120	73	4	40-140/30

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26484-MS	S27651.D	1	10/06/11	PR	10/04/11	OP26484	MSS1197
OP26484-MSD	S27652.D	1	10/06/11	PR	10/04/11	OP26484	MSS1197
MC3901-63	S27666.D	1	10/07/11	PR	10/04/11	OP26484	MSS1197

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4194-1, MC4194-2

CAS No.	Compound	MC3901-63 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
606-20-2	2,6-Dinitrotoluene	ND		2860	1920	67	1940	67	1	40-140/30
91-94-1	3,3'-Dichlorobenzidine	ND		2860	1480	52	1420	49	4	40-140/30
53-70-3	Dibenzo(a,h)anthracene	ND		2860	2210	77	2390	83	8	40-140/30
132-64-9	Dibenzofuran	ND		2860	1820	64	1840	64	1	40-140/30
84-74-2	Di-n-butyl phthalate	ND		2860	2140	75	2270	79	6	40-140/30
117-84-0	Di-n-octyl phthalate	ND		2860	2370	83	2400	83	1	40-140/30
84-66-2	Diethyl phthalate	ND		2860	2150	75	2210	77	3	40-140/30
131-11-3	Dimethyl phthalate	ND		2860	2100	73	2130	74	1	40-140/30
117-81-7	bis(2-Ethylhexyl)phthalate	ND		2860	2460	86	2440	85	1	40-140/30
206-44-0	Fluoranthene	ND		2860	1970	69	2090	72	6	40-140/30
86-73-7	Fluorene	ND		2860	1900	66	1920	67	1	40-140/30
118-74-1	Hexachlorobenzene	ND		2860	2010	70	2050	71	2	40-140/30
87-68-3	Hexachlorobutadiene	ND		2860	1650	58	1490	52	10	40-140/30
77-47-4	Hexachlorocyclopentadiene	ND		2860	1320	46	1250	43	5	40-140/30
67-72-1	Hexachloroethane	ND		2860	1420	50	1300	45	9	40-140/30
193-39-5	Indeno(1,2,3-cd)pyrene	19.5	J	2860	2350	81	2440	84	4	40-140/30
78-59-1	Isophorone	ND		2860	1330	46	1270	44	5	40-140/30
91-57-6	2-Methylnaphthalene	ND		2860	1670	58	1580	55	6	40-140/30
88-74-4	2-Nitroaniline	ND		2860	1970	69	2060	71	4	40-140/30
99-09-2	3-Nitroaniline	ND		2860	1760	62	1880	65	7	40-140/30
100-01-6	4-Nitroaniline	ND		2860	1690	59	1900	66	12	40-140/30
91-20-3	Naphthalene	ND		2860	1710	60	1610	56	6	40-140/30
98-95-3	Nitrobenzene	ND		2860	1620	57	1520	53	6	40-140/30
621-64-7	N-Nitroso-di-n-propylamine	ND		2860	1770	62	1680	58	5	40-140/30
86-30-6	N-Nitrosodiphenylamine	ND		2860	2120	74	2210	77	4	40-140/30
85-01-8	Phenanthrene	ND		2860	2030	71	2100	73	3	40-140/30
129-00-0	Pyrene	ND		2860	2170	76	2140	74	1	40-140/30
120-82-1	1,2,4-Trichlorobenzene	ND		2860	1710	60	1590	55	7	40-140/30

CAS No.	Surrogate Recoveries	MS	MSD	MC3901-63	Limits
367-12-4	2-Fluorophenol	53%	51%		30-130%
4165-62-2	Phenol-d5	54%	52%		30-130%
118-79-6	2,4,6-Tribromophenol	72%	75%		30-130%
4165-60-0	Nitrobenzene-d5	56%	51%	31%	30-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26484-MS	S27651.D	1	10/06/11	PR	10/04/11	OP26484	MSS1197
OP26484-MSD	S27652.D	1	10/06/11	PR	10/04/11	OP26484	MSS1197
MC3901-63	S27666.D	1	10/07/11	PR	10/04/11	OP26484	MSS1197

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4194-1, MC4194-2

CAS No.	Surrogate Recoveries	MS	MSD	MC3901-63	Limits
321-60-8	2-Fluorobiphenyl	62%	60%	45%	30-130%
1718-51-0	Terphenyl-d14	78%	78%	70%	30-130%

Semivolatile Surrogate Recovery Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Method: SW846 8270C **Matrix:** LEACHATE

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4	S5	S6
MC4194-1A	S27622.D	82.0	75.0	92.0	87.0	88.0	92.0
MC4194-2A	S27623.D	79.0	73.0	85.0	82.0	82.0	85.0
OP26473-BS	S27612.D	49.0	34.0	82.0	77.0	74.0	78.0
OP26473-LB	S27621.D	80.0	72.0	86.0	83.0	80.0	87.0
OP26473-LB2	S27613.D	81.0	76.0	89.0	87.0	86.0	88.0
OP26473-MB	S27609.D	44.0	30.0	79.0	75.0	73.0	86.0
OP26473-MS	S27617.D	82.0	77.0	90.0	86.0	79.0	87.0
OP26473-MSD	S27618.D	82.0	77.0	86.0	84.0	80.0	84.0

Surrogate Compounds	Recovery Limits
S1 = 2-Fluorophenol	15-110%
S2 = Phenol-d5	15-110%
S3 = 2,4,6-Tribromophenol	15-110%
S4 = Nitrobenzene-d5	30-130%
S5 = 2-Fluorobiphenyl	30-130%
S6 = Terphenyl-d14	30-130%

Semivolatile Surrogate Recovery Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Method: SW846 8270C **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4	S5	S6
MC4194-1	S27654.D	54.0	55.0	61.0	53.0	58.0	76.0
MC4194-2	S27703A.D	21.0* [a]	100.0	32.0	120.0	140.0* [a]	165.0* [a]
MC4194-2	S27655.D	19.0* [a]	98.0	40.0	122.0	140.0* [a]	187.0* [a]
OP26484-BS	S27650.D	65.0	67.0	76.0	65.0	69.0	79.0
OP26484-MB	S27649.D	72.0	73.0	71.0	69.0	73.0	89.0
OP26484-MS	S27651.D	53.0	54.0	72.0	56.0	62.0	78.0
OP26484-MSD	S27652.D	51.0	52.0	75.0	51.0	60.0	78.0

Surrogate Compounds	Recovery Limits
S1 = 2-Fluorophenol	30-130%
S2 = Phenol-d5	30-130%
S3 = 2,4,6-Tribromophenol	30-130%
S4 = Nitrobenzene-d5	30-130%
S5 = 2-Fluorobiphenyl	30-130%
S6 = Terphenyl-d14	30-130%

(a) Outside control limits due to possible matrix interference. Confirmed by reanalysis.

New England ACCUTEST LABORATORIES

GC Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GBH1341-MB	BH24389.D	1	10/06/11	WS	n/a	n/a	GBH1341

The QC reported here applies to the following samples: **Method:** SW846 8015

MC4194-1, MC4194-2

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (VOA)	ND	5.0	0.95	mg/kg	

CAS No.	Surrogate Recoveries		Limits
615-59-8	2,5-Dibromotoluene	86%	36-148%

Blank Spike Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GBH1341-BSP	BH24390.D	1	10/06/11	WS	n/a	n/a	GBH1341

The QC reported here applies to the following samples: **Method:** SW846 8015

MC4194-1, MC4194-2

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-GRO (VOA)	20	21.5	108	67-133

CAS No.	Surrogate Recoveries	BSP	Limits
615-59-8	2,5-Dibromotoluene	86%	36-148%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC4194-1MS	BH24398.D	1	10/06/11	WS	n/a	n/a	GBH1341
MC4194-1MSD	BH24399.D	1	10/06/11	WS	n/a	n/a	GBH1341
MC4194-1	BH24397.D	1	10/06/11	WS	n/a	n/a	GBH1341

The QC reported here applies to the following samples: **Method:** SW846 8015

MC4194-1, MC4194-2

CAS No.	Compound	MC4194-1 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (VOA)	8.9	U	35.7	34.0	95	32.8	92	4	40-154/20

CAS No.	Surrogate Recoveries	MS	MSD	MC4194-1	Limits
615-59-8	2,5-Dibromotoluene	86%	88%	86%	36-148%

7.3.1

7

Volatile Surrogate Recovery Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Method: SW846 8015 **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]
MC4194-1	BH24397.D	86.0
MC4194-2	BH24400.D	88.0
GBH1341-BSP	BH24390.D	86.0
GBH1341-MB	BH24389.D	86.0
MC4194-1MS	BH24398.D	86.0
MC4194-1MSD	BH24399.D	88.0

Surrogate Compounds	Recovery Limits
S1 = 2,5-Dibromotoluene	36-148%

(a) Recovery from GC signal #1

New England ACCUTEST LABORATORIES

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26470-MB	BE27795.D	1	10/05/11	AP	10/03/11	OP26470	GBE1549

The QC reported here applies to the following samples: **Method:** SW846 8151

MC4194-1A, MC4194-2A

CAS No.	Compound	Result	RL	MDL	Units	Q
94-75-7	2,4-D	ND	1.0	0.14	ug/l	
93-72-1	2,4,5-TP (Silvex)	ND	1.0	0.062	ug/l	

CAS No.	Surrogate Recoveries		Limits
19719-28-9	2,4-DCAA	91%	30-150%
19719-28-9	2,4-DCAA	103%	30-150%

Method Blank Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26469-MB	BB38614.D	1	10/05/11	CZ	10/03/11	OP26469	GBB2413

The QC reported here applies to the following samples: **Method:** SW846 8081

MC4194-1A, MC4194-2A

CAS No.	Compound	Result	RL	MDL	Units	Q
58-89-9	gamma-BHC (Lindane)	ND	0.050	0.013	ug/l	
12789-03-6	Chlordane	ND	0.50	0.24	ug/l	
72-20-8	Endrin	ND	0.050	0.017	ug/l	
76-44-8	Heptachlor	ND	0.050	0.017	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.050	0.0094	ug/l	
72-43-5	Methoxychlor	ND	0.050	0.020	ug/l	
8001-35-2	Toxaphene	ND	2.5	0.15	ug/l	

CAS No.	Surrogate Recoveries		Limits
877-09-8	Tetrachloro-m-xylene	72%	30-150%
877-09-8	Tetrachloro-m-xylene	64%	30-150%
2051-24-3	Decachlorobiphenyl	40%	30-150%
2051-24-3	Decachlorobiphenyl	32%	30-150%

Method Blank Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26486-MB	YZ68228.D	1	10/05/11	CZ	10/04/11	OP26486	GYZ6527

The QC reported here applies to the following samples: **Method:** SW846 8082

MC4194-1, MC4194-2

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	98	13	ug/kg	
11104-28-2	Aroclor 1221	ND	98	14	ug/kg	
11141-16-5	Aroclor 1232	ND	98	19	ug/kg	
53469-21-9	Aroclor 1242	ND	98	6.6	ug/kg	
12672-29-6	Aroclor 1248	ND	98	2.5	ug/kg	
11097-69-1	Aroclor 1254	ND	98	15	ug/kg	
11096-82-5	Aroclor 1260	ND	98	3.7	ug/kg	

CAS No.	Surrogate Recoveries		Limits
877-09-8	Tetrachloro-m-xylene	91%	30-150%
877-09-8	Tetrachloro-m-xylene	90%	30-150%
2051-24-3	Decachlorobiphenyl	88%	30-150%
2051-24-3	Decachlorobiphenyl	86%	30-150%

Method Blank Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26496-MB	BC54836.D	1	10/07/11	SS	10/05/11	OP26496	GBC2619

The QC reported here applies to the following samples: **Method:** SW846-8015

MC4194-1, MC4194-2

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (Semi-VOA)	ND	17	13	mg/kg	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	91%	40-140%

Leachate Blank Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26470-LB	YZ68269.D	1	10/06/11	CZ	10/03/11	OP26470	GYZ6530

The QC reported here applies to the following samples: **Method:** SW846 8151

MC4194-1A, MC4194-2A

CAS No.	Compound	Result	RL	MDL	Units	Q
94-75-7	2,4-D	ND	10	1.4	ug/l	
93-72-1	2,4,5-TP (Silvex)	ND	10	0.62	ug/l	

CAS No.	Surrogate Recoveries		Limits
19719-28-9	2,4-DCAA	95%	30-150%
19719-28-9	2,4-DCAA	97%	30-150%

Leachate Blank Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26470-LB2	YZ68272.D	1	10/06/11	CZ	10/03/11	OP26470	GYZ6530

The QC reported here applies to the following samples: **Method:** SW846 8151

MC4194-1A, MC4194-2A

CAS No.	Compound	Result	RL	MDL	Units	Q
94-75-7	2,4-D	ND	10	1.4	ug/l	
93-72-1	2,4,5-TP (Silvex)	ND	10	0.62	ug/l	

CAS No.	Surrogate Recoveries		Limits
19719-28-9	2,4-DCAA	99%	30-150%
19719-28-9	2,4-DCAA	100%	30-150%

Leachate Blank Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26469-LB	BB38629.D	1	10/05/11	CZ	10/03/11	OP26469	GBB2413

The QC reported here applies to the following samples: **Method:** SW846 8081

MC4194-1A, MC4194-2A

CAS No.	Compound	Result	RL	MDL	Units	Q
58-89-9	gamma-BHC (Lindane)	ND	0.50	0.13	ug/l	
12789-03-6	Chlordane	ND	5.0	2.4	ug/l	
72-20-8	Endrin	ND	0.50	0.17	ug/l	
76-44-8	Heptachlor	ND	0.50	0.17	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.50	0.094	ug/l	
72-43-5	Methoxychlor	ND	0.50	0.20	ug/l	
8001-35-2	Toxaphene	ND	25	1.5	ug/l	

CAS No.	Surrogate Recoveries		Limits
877-09-8	Tetrachloro-m-xylene	73%	30-150%
877-09-8	Tetrachloro-m-xylene	63%	30-150%
2051-24-3	Decachlorobiphenyl	91%	30-150%
2051-24-3	Decachlorobiphenyl	81%	30-150%

Leachate Blank Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26469-LB2	BB38630.D	1	10/05/11	CZ	10/03/11	OP26469	GBB2413

The QC reported here applies to the following samples: **Method:** SW846 8081

MC4194-1A, MC4194-2A

CAS No.	Compound	Result	RL	MDL	Units	Q
58-89-9	gamma-BHC (Lindane)	ND	0.50	0.13	ug/l	
12789-03-6	Chlordane	ND	5.0	2.4	ug/l	
72-20-8	Endrin	ND	0.50	0.17	ug/l	
76-44-8	Heptachlor	ND	0.50	0.17	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.50	0.094	ug/l	
72-43-5	Methoxychlor	ND	0.50	0.20	ug/l	
8001-35-2	Toxaphene	ND	25	1.5	ug/l	

CAS No.	Surrogate Recoveries		Limits
877-09-8	Tetrachloro-m-xylene	69%	30-150%
877-09-8	Tetrachloro-m-xylene	65%	30-150%
2051-24-3	Decachlorobiphenyl	76%	30-150%
2051-24-3	Decachlorobiphenyl	69%	30-150%

Blank Spike Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26470-BS	BE27796.D	1	10/05/11	AP	10/03/11	OP26470	GBE1549

The QC reported here applies to the following samples: **Method:** SW846 8151

MC4194-1A, MC4194-2A

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
94-75-7	2,4-D	1	0.99	99	40-140
93-72-1	2,4,5-TP (Silvex)	1	1.1	110	40-140

CAS No.	Surrogate Recoveries	BSP	Limits
19719-28-9	2,4-DCAA	104%	30-150%
19719-28-9	2,4-DCAA	115%	30-150%

Blank Spike Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26469-BS	BB38615.D	1	10/05/11	CZ	10/03/11	OP26469	GBB2413

The QC reported here applies to the following samples: **Method:** SW846 8081

MC4194-1A, MC4194-2A

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
58-89-9	gamma-BHC (Lindane)	0.2	0.24	120	40-140
72-20-8	Endrin	0.2	0.27	135	40-140
76-44-8	Heptachlor	0.2	0.23	115	40-140
1024-57-3	Heptachlor epoxide	0.2	0.24	120	40-140
72-43-5	Methoxychlor	0.2	0.27	135	40-140

CAS No.	Surrogate Recoveries	BSP	Limits
877-09-8	Tetrachloro-m-xylene	71%	30-150%
877-09-8	Tetrachloro-m-xylene	71%	30-150%
2051-24-3	Decachlorobiphenyl	38%	30-150%
2051-24-3	Decachlorobiphenyl	32%	30-150%

Blank Spike Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26486-BS	YZ68229.D	1	10/05/11	CZ	10/04/11	OP26486	GYZ6527

The QC reported here applies to the following samples: **Method:** SW846 8082

MC4194-1, MC4194-2

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
12674-11-2	Aroclor 1016	266	237	89	40-140
11104-28-2	Aroclor 1221		ND		40-140
11141-16-5	Aroclor 1232		ND		40-140
53469-21-9	Aroclor 1242		ND		40-140
12672-29-6	Aroclor 1248		ND		40-140
11097-69-1	Aroclor 1254		ND		40-140
11096-82-5	Aroclor 1260	266	236	89	40-140

CAS No.	Surrogate Recoveries	BSP	Limits
877-09-8	Tetrachloro-m-xylene	85%	30-150%
877-09-8	Tetrachloro-m-xylene	82%	30-150%
2051-24-3	Decachlorobiphenyl	82%	30-150%
2051-24-3	Decachlorobiphenyl	81%	30-150%

Blank Spike Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26496-BS	BC54837.D	1	10/07/11	SS	10/05/11	OP26496	GBC2619

The QC reported here applies to the following samples: **Method:** SW846-8015

MC4194-1, MC4194-2

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-DRO (Semi-VOA)	166	158	95	45-127

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	113%	40-140%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26470-MS	BE27799.D	1	10/05/11	AP	10/03/11	OP26470	GBE1549
OP26470-MSD	BE27800.D	1	10/05/11	AP	10/03/11	OP26470	GBE1549
MC4051-1A	BE27801.D	1	10/05/11	AP	10/03/11	OP26470	GBE1549

The QC reported here applies to the following samples: **Method:** SW846 8151

MC4194-1A, MC4194-2A

CAS No.	Compound	MC4051-1A ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
94-75-7	2,4-D	ND		10	10.4	104	9.9	99	5	30-150/30
93-72-1	2,4,5-TP (Silvex)	ND		10	11.5	115	11.7	117	2	30-150/30

CAS No.	Surrogate Recoveries	MS	MSD	MC4051-1A	Limits
19719-28-9	2,4-DCAA	115%	116%	119%	30-150%
19719-28-9	2,4-DCAA	112%	105%	110%	30-150%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26469-MS	BB38620.D	1	10/05/11	CZ	10/03/11	OP26469	GBB2413
OP26469-MSD	BB38621.D	1	10/05/11	CZ	10/03/11	OP26469	GBB2413
MC4051-1A	BB38622.D	1	10/05/11	CZ	10/03/11	OP26469	GBB2413

The QC reported here applies to the following samples: **Method:** SW846 8081

MC4194-1A, MC4194-2A

CAS No.	Compound	MC4051-1A ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
58-89-9	gamma-BHC (Lindane)	ND		2	2.5	125	2.6	130	4	30-150/30
72-20-8	Endrin	ND		2	2.9	145	3.0	150	3	30-150/30
76-44-8	Heptachlor	ND		2	2.3	115	2.4	120	4	30-150/30
1024-57-3	Heptachlor epoxide	ND		2	2.5	125	2.5	125	0	30-150/30
72-43-5	Methoxychlor	ND		2	3.1	155* [a]	2.9	145	7	30-150/30

CAS No.	Surrogate Recoveries	MS	MSD	MC4051-1A	Limits
877-09-8	Tetrachloro-m-xylene	74%	75%	63%	30-150%
877-09-8	Tetrachloro-m-xylene	70%	62%	57%	30-150%
2051-24-3	Decachlorobiphenyl	67%	62%	60%	30-150%
2051-24-3	Decachlorobiphenyl	43%	53%	52%	30-150%

(a) Outside control limits due to possible matrix interference.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26486-MS	YZ68230.D	1	10/05/11	CZ	10/04/11	OP26486	GYZ6527
OP26486-MSD	YZ68231.D	1	10/05/11	CZ	10/04/11	OP26486	GYZ6527
MC4117-10	YZ68232.D	1	10/05/11	CZ	10/04/11	OP26486	GYZ6527

The QC reported here applies to the following samples: **Method:** SW846 8082

MC4194-1, MC4194-2

CAS No.	Compound	MC4117-10 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
12674-11-2	Aroclor 1016	ND		281	187	67	179	67	4	40-140/50
11104-28-2	Aroclor 1221	ND			ND		ND		nc	40-140/50
11141-16-5	Aroclor 1232	ND			ND		ND		nc	40-140/50
53469-21-9	Aroclor 1242	ND			ND		ND		nc	40-140/50
12672-29-6	Aroclor 1248	ND			ND		ND		nc	40-140/50
11097-69-1	Aroclor 1254	ND			ND		ND		nc	40-140/50
11096-82-5	Aroclor 1260	20.6		281	278	92	269	93	3	40-140/50

CAS No.	Surrogate Recoveries	MS	MSD	MC4117-10	Limits
877-09-8	Tetrachloro-m-xylene	69%	72%	69%	30-150%
877-09-8	Tetrachloro-m-xylene	75%	74%	74%	30-150%
2051-24-3	Decachlorobiphenyl	89%	89%	88%	30-150%
2051-24-3	Decachlorobiphenyl	83%	84%	82%	30-150%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26496-MS	BC54838.D	1	10/07/11	SS	10/05/11	OP26496	GBC2619
OP26496-MSD	BC54839.D	1	10/07/11	SS	10/05/11	OP26496	GBC2619
MC3948-1	BC54841.D	1	10/07/11	SS	10/05/11	OP26496	GBC2619

The QC reported here applies to the following samples: **Method:** SW846-8015

MC4194-1, MC4194-2

CAS No.	Compound	MC3948-1 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-DRO (Semi-VOA)	22.7		196	181	81	196	89	8	30-154/50

CAS No.	Surrogate Recoveries	MS	MSD	MC3948-1	Limits
84-15-1	o-Terphenyl	85%	94%	79%	40-140%

Semivolatile Surrogate Recovery Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Method: SW846 8151 **Matrix:** LEACHATE

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]	S1 [b]
MC4194-1A	YZ68270.D	98.0	100.0
MC4194-2A	YZ68271.D	101.0	98.0
OP26470-BS	BE27796.D	104.0	115.0
OP26470-LB	YZ68269.D	95.0	97.0
OP26470-LB2	YZ68272.D	99.0	100.0
OP26470-MB	BE27795.D	91.0	103.0
OP26470-MS	BE27799.D	115.0	112.0
OP26470-MSD	BE27800.D	116.0	105.0

Surrogate Compounds	Recovery Limits
S1 = 2,4-DCAA	30-150%

(a) Recovery from GC signal #1
(b) Recovery from GC signal #2

Semivolatile Surrogate Recovery Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Method: SW846 8081 **Matrix:** LEACHATE

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]	S1 [b]	S2 [a]	S2 [b]
MC4194-1A	BB38618.D	76.0	68.0	83.0	72.0
MC4194-2A	BB38619.D	74.0	71.0	82.0	72.0
OP26469-BS	BB38615.D	71.0	71.0	38.0	32.0
OP26469-LB	BB38629.D	73.0	63.0	91.0	81.0
OP26469-LB2	BB38630.D	69.0	65.0	76.0	69.0
OP26469-MB	BB38614.D	72.0	64.0	40.0	32.0
OP26469-MS	BB38620.D	74.0	70.0	67.0	43.0
OP26469-MSD	BB38621.D	75.0	62.0	62.0	53.0

Surrogate Compounds	Recovery Limits
S1 = Tetrachloro-m-xylene	30-150%
S2 = Decachlorobiphenyl	30-150%

(a) Recovery from GC signal #1
(b) Recovery from GC signal #2

Semivolatile Surrogate Recovery Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Method: SW846 8082 **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]	S1 [b]	S2 [a]	S2 [b]
MC4194-1	YZ68242.D	90.0	86.0	85.0	83.0
MC4194-2	YZ68243.D	83.0	78.0	82.0	79.0
OP26486-BS	YZ68229.D	85.0	82.0	82.0	81.0
OP26486-MB	YZ68228.D	91.0	90.0	88.0	86.0
OP26486-MS	YZ68230.D	69.0	75.0	89.0	83.0
OP26486-MSD	YZ68231.D	72.0	74.0	89.0	84.0

Surrogate Compounds	Recovery Limits
S1 = Tetrachloro-m-xylene	30-150%
S2 = Decachlorobiphenyl	30-150%

(a) Recovery from GC signal #1
(b) Recovery from GC signal #2

Semivolatile Surrogate Recovery Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Method: SW846-8015 **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]
MC4194-1	BC54842.D	92.0
MC4194-2	BC54843.D	92.0
OP26496-BS	BC54837.D	113.0
OP26496-MB	BC54836.D	91.0
OP26496-MS	BC54838.D	85.0
OP26496-MSD	BC54839.D	94.0

Surrogate Compounds	Recovery Limits
S1 = o-Terphenyl	40-140%

(a) Recovery from GC signal #1

New England ACCUTEST LABORATORIES

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17851
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date: 10/04/11

Metal	RL	IDL	MDL	MB raw	final
Aluminum	20	2.4	2.6		
Antimony	1.0	.12	.12		
Arsenic	1.0	.083	.11	-0.080	<1.0
Barium	5.0	.1	.1		
Beryllium	0.40	.024	.026		
Boron	10	.051	.06		
Cadmium	0.40	.018	.018	0.0	<0.40
Calcium	500	2.6	2.6		
Chromium	1.0	.066	.076	0.040	<1.0
Cobalt	5.0	.016	.016		
Copper	2.5	.13	.15		
Gold	5.0	.22	.22		
Iron	10	1.4	1.4		
Lead	1.0	.12	.15	-0.060	<1.0
Magnesium	500	7.1	7.1		
Manganese	1.5	.015	.017		
Molybdenum	10	.022	.036		
Nickel	4.0	.022	.076		
Palladium	5.0	.24	.31		
Platinum	5.0	.62	.76		
Potassium	500	8.6	8.6		
Selenium	1.0	.21	.21		
Silicon	10	.22	.22		
Silver	0.50	.076	.11		
Sodium	500	2.1	2.1		
Strontium	1.0	.03	.035		
Thallium	1.0	.083	.11		
Tin	10	.045	.049		
Titanium	5.0	.061	.061		
Tungsten	10	.77	1.3		
Vanadium	1.0	.12	.14		
Zinc	2.0	.012	.11		

Associated samples MP17851: MC4194-1, MC4194-2

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17851 | Methods: SW846 6010C
Matrix Type: SOLID | Units: mg/kg

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17851
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date: 10/04/11

Metal	MC3902-1 Original	MS	Spikelot MPICP	% Rec	QC Limits
Aluminum	anr				
Antimony	anr				
Arsenic	4.9	50.1	51.4	87.9	75-125
Barium	anr				
Beryllium	anr				
Boron					
Cadmium	0.25	46.4	51.4	89.8	75-125
Calcium	anr				
Chromium	11.0	56.7	51.4	88.9	75-125
Cobalt	anr				
Copper	anr				
Gold					
Iron	anr				
Lead	10.5	100	103	87.1	75-125
Magnesium	anr				
Manganese	anr				
Molybdenum					
Nickel	anr				
Palladium					
Platinum					
Potassium	anr				
Selenium	anr				
Silicon					
Silver	anr				
Sodium	anr				
Strontium					
Thallium	anr				
Tin					
Titanium					
Tungsten					
Vanadium	anr				
Zinc	anr				

Associated samples MP17851: MC4194-1, MC4194-2

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17851
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17851
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date: 10/04/11

Metal	MC3902-1 Original	MSD	Spikelot MPICP	% Rec	MSD RPD	QC Limit
Aluminum	anr					
Antimony	anr					
Arsenic	4.9	50.5	51.8	88.1	0.8	20
Barium	anr					
Beryllium	anr					
Boron						
Cadmium	0.25	47.0	51.8	90.3	1.3	20
Calcium	anr					
Chromium	11.0	57.0	51.8	88.8	0.5	20
Cobalt	anr					
Copper	anr					
Gold						
Iron	anr					
Lead	10.5	100	104	86.4	0.0	20
Magnesium	anr					
Manganese	anr					
Molybdenum						
Nickel	anr					
Palladium						
Platinum						
Potassium	anr					
Selenium	anr					
Silicon						
Silver	anr					
Sodium	anr					
Strontium						
Thallium	anr					
Tin						
Titanium						
Tungsten						
Vanadium	anr					
Zinc	anr					

Associated samples MP17851: MC4194-1, MC4194-2

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17851 | Methods: SW846 6010C
Matrix Type: SOLID | Units: mg/kg

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17851
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:			10/04/11					10/04/11	
Metal	BSP Result	Spikelot MPICP	% Rec	QC Limits	LCS Result	Spikelot MPLCS72	% Rec	QC Limits
Aluminum	anr							
Antimony	anr							
Arsenic	46.4	50	92.8	80-120	98.0	109	89.9	83-117
Barium	anr							
Beryllium	anr							
Boron								
Cadmium	46.6	50	93.2	80-120	74.4	80.2	92.8	84-116
Calcium	anr							
Chromium	46.3	50	92.6	80-120	105	117	89.7	82-118
Cobalt	anr							
Copper	anr							
Gold								
Iron	anr							
Lead	92.2	100	92.2	80-120	66.9	76.2	87.8	84-117
Magnesium	anr							
Manganese	anr							
Molybdenum								
Nickel	anr							
Palladium								
Platinum								
Potassium	anr							
Selenium	anr							
Silicon								
Silver	anr							
Sodium	anr							
Strontium								
Thallium	anr							
Tin								
Titanium								
Tungsten								
Vanadium	anr							
Zinc	anr							

Associated samples MP17851: MC4194-1, MC4194-2

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17851
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17851
Matrix Type: SOLID

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/04/11

Metal	MC3902-1 Original	SDL 1:5	%DIF	QC Limits
Aluminum	anr			
Antimony	anr			
Arsenic	47.5	45.3	4.6	0-10
Barium	anr			
Beryllium	anr			
Boron				
Cadmium	2.40	2.10	12.5 (a)	0-10
Calcium	anr			
Chromium	107	113	6.0	0-10
Cobalt	anr			
Copper	anr			
Gold				
Iron	anr			
Lead	101	106	5.1	0-10
Magnesium	anr			
Manganese	anr			
Molybdenum				
Nickel	anr			
Palladium				
Platinum				
Potassium	anr			
Selenium	anr			
Silicon				
Silver	anr			
Sodium	anr			
Strontium				
Thallium	anr			
Tin				
Titanium				
Tungsten				
Vanadium	anr			
Zinc	anr			

Associated samples MP17851: MC4194-1, MC4194-2

SERIAL DILUTION RESULTS SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17851
Matrix Type: SOLID

Methods: SW846 6010C
Units: ug/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

POST DIGESTATE SPIKE SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17851
Matrix Type: SOLID

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/04/11

Metal	Sample ml	Final ml	MC3902-1 Raw	Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Antimony										
Arsenic	10	11.5	47.5	41.30435	202.2	.5	5	217.3913	74.0 (a)	75-125
Beryllium										
Boron										
Cadmium	10	11.5	2.4	2.086957	166.9	.5	4	173.913	94.8	75-125
Copper										
Gold										
Lead	10	11.5	101.2	88	292	.5	5	217.3913	93.8	75-125
Molybdenum										
Palladium										
Platinum										
Potassium										
Selenium										
Silicon										
Silver										
Sodium										
Strontium										
Thallium										
Tin										
Titanium										
Tungsten										

Associated samples MP17851: MC4194-1, MC4194-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(**) Corr. sample result = Raw * (sample volume / final volume)
(anr) Analyte not requested
(a) Post-digestion spike recovery outside of the control limit.

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17858
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date: 10/04/11

Metal	RL	IDL	MDL	MB raw	final
Aluminum	0.20	.024	.04		
Antimony	0.0060	.0012	.002		
Arsenic	0.010	.00083	.0011	-0.00030	<0.010
Barium	0.50	.001	.001	0.00080	<0.50
Beryllium	0.0040	.00024	.00024		
Boron	0.10	.00051	.0018		
Cadmium	0.0040	.00018	.00018	0.00010	<0.0040
Calcium	5.0	.026	.026		
Chromium	0.010	.00066	.00066	0.00020	<0.010
Cobalt	0.050	.00016	.00022		
Copper	0.025	.0013	.0025		
Gold	0.050	.0022	.0029		
Iron	0.10	.014	.014		
Lead	0.010	.0012	.0014	-0.00040	<0.010
Magnesium	5.0	.071	.11		
Manganese	0.015	.00015	.00043		
Molybdenum	0.10	.00022	.00036		
Nickel	0.040	.00022	.00035		
Palladium	0.050	.0024	.0034		
Platinum	0.050	.0062	.015		
Potassium	5.0	.086	.086		
Selenium	0.025	.0021	.0021	0.0014	<0.025
Silicon	0.10	.0022	.018		
Silver	0.0050	.00076	.001	0.00070	<0.0050
Sodium	5.0	.021	.041		
Strontium	0.010	.0003	.00038		
Thallium	0.0050	.00083	.00088		
Tin	0.10	.00045	.00047		
Titanium	0.050	.00061	.001		
Tungsten	0.10	.0077	.013		
Vanadium	0.010	.0012	.0015		
Zinc	0.10	.00012	.00061		

Associated samples MP17858: MC4194-1A, MC4194-2A

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17858
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17858
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date: 10/04/11

Metal	MC4146-2 Original	MS	Spikelot MPICP	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic	0.0014	0.54	0.50	107.7	75-125
Barium	0.14	2.1	2.0	98.0	75-125
Beryllium					
Boron					
Cadmium	0.0019	0.53	0.50	105.6	75-125
Calcium					
Chromium	0.0023	0.49	0.50	97.5	75-125
Cobalt					
Copper					
Gold					
Iron					
Lead	0.0042	0.97	1.0	96.6	75-125
Magnesium					
Manganese					
Molybdenum					
Nickel					
Palladium					
Platinum					
Potassium					
Selenium	0.0	0.56	0.50	112.0	75-125
Silicon					
Silver	0.00080	0.22	0.20	109.6	75-125
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Tungsten					
Vanadium					
Zinc					

Associated samples MP17858: MC4194-1A, MC4194-2A

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17858
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17858
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date: 10/04/11

Metal	MC4146-2 Original	MSD	Spikelot MPICP	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	0.0014	0.54	0.50	107.7	0.0	20
Barium	0.14	2.1	2.0	98.0	0.0	20
Beryllium						
Boron						
Cadmium	0.0019	0.53	0.50	105.6	0.0	20
Calcium						
Chromium	0.0023	0.49	0.50	97.5	0.0	20
Cobalt						
Copper						
Gold						
Iron						
Lead	0.0042	0.96	1.0	95.6	1.0	20
Magnesium						
Manganese						
Molybdenum						
Nickel						
Palladium						
Platinum						
Potassium						
Selenium	0.0	0.56	0.50	112.0	0.0	20
Silicon						
Silver	0.00080	0.21	0.20	104.6	4.7	20
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Tungsten						
Vanadium						
Zinc						

Associated samples MP17858: MC4194-1A, MC4194-2A

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17858
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17858
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date: 10/04/11

Metal	BSP Result	Spikelot MPICP	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	0.53	0.50	106.0	80-120
Barium	1.9	2.0	95.0	80-120
Beryllium				
Boron				
Cadmium	0.51	0.50	102.0	80-120
Calcium				
Chromium	0.47	0.50	94.0	80-120
Cobalt				
Copper				
Gold				
Iron				
Lead	0.93	1.0	93.0	80-120
Magnesium				
Manganese				
Molybdenum				
Nickel				
Palladium				
Platinum				
Potassium				
Selenium	0.55	0.50	110.0	80-120
Silicon				
Silver	0.21	0.20	105.0	80-120
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Tungsten				
Vanadium				
Zinc				

Associated samples MP17858: MC4194-1A, MC4194-2A

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17858
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17858
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/04/11

Metal	MC4146-2 Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	1.40	0.00	100.0(a)	0-10
Barium	141	147	4.2	0-10
Beryllium				
Boron				
Cadmium	1.90	2.10	10.5 (a)	0-10
Calcium				
Chromium	2.30	3.40	47.8 (a)	0-10
Cobalt				
Copper				
Gold				
Iron				
Lead	4.20	0.00	100.0(a)	0-10
Magnesium				
Manganese				
Molybdenum				
Nickel				
Palladium				
Platinum				
Potassium				
Selenium	0.00	0.00	NC	0-10
Silicon				
Silver	0.800	0.00	100.0(a)	0-10
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Tungsten				
Vanadium				
Zinc				

Associated samples MP17858: MC4194-1A, MC4194-2A

SERIAL DILUTION RESULTS SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17858
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: ug/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

POST DIGESTATE SPIKE SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17858
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/04/11

Metal	Sample ml	Final ml	MC4146-2 Raw	Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Aluminum										
Antimony										
Arsenic	10	10.5	1.4	1.333333	199	.5	4	190.4762	103.8	75-125
Barium	10	10.5	140.9	134.1905	2502	.5	50	2380.952	99.4	75-125
Beryllium										
Boron										
Cadmium	10	10.5	1.9	1.809524	199.1	.5	4	190.4762	103.6	75-125
Calcium										
Chromium	10	10.5	2.3	2.190476	474.6	.5	10	476.1905	99.2	75-125
Cobalt										
Copper										
Gold										
Iron										
Lead	10	10.5	4.2	4	236	.5	5	238.0952	97.4	75-125
Magnesium										
Manganese										
Molybdenum										
Nickel										
Palladium										
Platinum										
Potassium										
Selenium	10	10.5	0	0	526.4	.5	10	476.1905	110.5	75-125
Silicon										
Silver	10	10.5	0.8	0.7619048	244.9	.5	5	238.0952	102.5	75-125
Sodium										
Strontium										
Thallium										
Tin										
Titanium										
Tungsten										
Vanadium										
Zinc										

Associated samples MP17858: MC4194-1A, MC4194-2A

POST DIGESTATE SPIKE SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17858
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: ug/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(**) Corr. sample result = Raw * (sample volume / final volume)
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17859
Matrix Type: LEACHATE

Methods: SW846 7470A
Units: mg/l

Prep Date: 10/04/11

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.00020	.000018	.000029	-0.0000060	<0.00020

Associated samples MP17859: MC4194-1A, MC4194-2A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

9.3.1

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MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17859
Matrix Type: LEACHATE

Methods: SW846 7470A
Units: mg/l

Prep Date: 10/04/11

Metal	MC4146-2 Original	MS	Spikelot HGRWS1	% Rec	QC Limits
Mercury	0.0	0.0034	0.0030	113.3	75-125

Associated samples MP17859: MC4194-1A, MC4194-2A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17859
Matrix Type: LEACHATE

Methods: SW846 7470A
Units: mg/l

Prep Date: 10/04/11

Metal	MC4146-2 Original	MSD	Spikelot HGRWS1	% Rec	MSD RPD	QC Limit
Mercury	0.0	0.0035	0.0030	116.7	2.9	

Associated samples MP17859: MC4194-1A, MC4194-2A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17859
Matrix Type: LEACHATE

Methods: SW846 7470A
Units: mg/l

Prep Date: 10/04/11

Metal	BSP Result	Spikelot HGRWS1	% Rec	QC Limits
Mercury	0.0032	0.0030	106.7	80-120

Associated samples MP17859: MC4194-1A, MC4194-2A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17872
Matrix Type: SOLID

Methods: SW846 7471B
Units: mg/kg

Prep Date: 10/06/11

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.033	.004	.0058	0.0028	<0.033

Associated samples MP17872: MC4194-1, MC4194-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17872
Matrix Type: SOLID

Methods: SW846 7471B
Units: mg/kg

Prep Date: 10/06/11

Metal	MC4194-1 Original	MS	Spikelot HGRWS1	% Rec	QC Limits
Mercury	0.0056	0.47	0.505	91.9	75-125

Associated samples MP17872: MC4194-1, MC4194-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17872 Methods: SW846 7471B
Matrix Type: SOLID Units: mg/kg

Prep Date: 10/06/11

Metal	MC4194-1 Original	MSD	Spikelot HGRWS1	% Rec	MSD RPD	QC Limit
Mercury	0.0056	0.49	0.521	92.9	4.2	20

Associated samples MP17872: MC4194-1, MC4194-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17872
Matrix Type: SOLID

Methods: SW846 7471B
Units: mg/kg

Prep Date:	10/06/11					10/06/11		
Metal	BSP Result	Spikelot HGRWS1	% Rec	QC Limits	LCS Result	Spikelot HGLCS74	% Rec	QC Limits
Mercury	0.47	0.5	94.0	80-120	4.2	4.13	101.7	46-134

Associated samples MP17872: MC4194-1, MC4194-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

New England ACCUTEST LABORATORIES

General Chemistry

QC Data Summaries

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Cyanide Reactivity	GP13597/GN36399	1.5	<1.5	mg/kg	250	29.0	11.6	-%
Sulfide Reactivity	GP13598/GN36400	50	<50	mg/kg	500	400	80.0	-%

Associated Samples:
Batch GP13597: MC4194-1, MC4194-2
Batch GP13598: MC4194-1, MC4194-2
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Corrosivity as pH	GN36390	MC4146-2		6.3	6.3	0.0	0-%
Cyanide Reactivity	GP13597/GN36399	MC4146-1	mg/kg	U	<1.6	0.0	0-20%
Ignitability (Flashpoint)	GN36387	MC4188-1	Deg. F	>230	>230	0.0	0-20%
Solids, Percent	GN36385	MC4147-1	%	94.6	93.8	0.8	0-20%
Sulfide Reactivity	GP13598/GN36400	MC4146-1	mg/kg	U	<55	0.0	0-20%

Associated Samples:
Batch GN36385: MC4194-1, MC4194-2
Batch GN36387: MC4194-1, MC4194-2
Batch GN36390: MC4194-1, MC4194-2
Batch GP13597: MC4194-1, MC4194-2
Batch GP13598: MC4194-1, MC4194-2
(*) Outside of QC limits

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Cyanide Reactivity	GP13597/GN36399	MC4146-1	mg/kg	U	273	30.5	11.2	-%
Sulfide Reactivity	GP13598/GN36400	MC4146-1	mg/kg	U	545	382	70.1	-%

Associated Samples:
Batch GP13597: MC4194-1, MC4194-2
Batch GP13598: MC4194-1, MC4194-2
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits

New England ACCUTEST LABORATORIES

10/24/11

Technical Report for

Global General Services

Kittery Maine Site 30 Disposal Samples

139799

Accutest Job Number: MC4539

Sampling Date: 10/11/11

Report to:

SHAW Environmental & Infrastructure
500 E. Main St. Suite 1630
Norfolk, VA 23510
natasha.sullivan@shawgrp.com

ATTN: Natasha Sullivan

Total number of pages in report: **132**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Reza Tand
Lab Director

Client Service contact: Frank DAgostino 508-481-6200

Certifications: MA (M-MA136,SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) ME (MA00136) FL (E87579) NY (11791) NJ (MA926) PA (6801121) ND (R-188) CO MN (11546AA) NC (653) IL (002337) ISO 17025:2005 (L2235)

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Accutest Laboratories

Sample Summary

Global General Services

Job No: MC4539

Kittery Maine Site 30 Disposal Samples
Project No: 139799

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
MC4539-1	10/11/11	09:55	JW	10/12/11	SO	Soil	139799-WASTE-S-002
MC4539-1A	10/11/11	09:55	JW	10/12/11	SO	Soil	139799-WASTE-S-002
MC4539-2	10/11/11	09:45	JW	10/12/11	SO	Solid	139799-WASTE-C-002
MC4539-2A	10/11/11	09:45	JW	10/12/11	SO	Solid	139799-WASTE-C-002

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:	Global General Services	**Job No**	MC4539
Site:	Kittery Maine Site 30 Disposal Samples	**Report Date**	10/24/2011 12:57:49 PM

2 Sample(s) were collected on 10/11/2011 and were received at Accutest on 10/12/2011 properly preserved, at 0.7 Deg. C and intact. These Samples received an Accutest job number of MC4539. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix AQ **Batch ID:** MSN2114

- All samples were analyzed within the recommended method holding time.
- MC4401-1MSD for Benzene, Carbon tetrachloride, Chlorobenzene, Chloroform, 1,4-Dichlorobenzene, Trichloroethene, 1,2-Dichloroethane, 1,1-Dichloroethene, Tetrachloroethene, Vinyl chloride: Outside control limits due to possible matrix interference. Refer to Blank Spike.
- RPD of MC4401-1MSD for Benzene, Carbon tetrachloride, Chlorobenzene, Chloroform, 1,4-Dichlorobenzene, Trichloroethene, 1,2-Dichloroethane, 1,1-Dichloroethene, Tetrachloroethene, Vinyl chloride: High RPD due to possible matrix interference and/or sample non-homogeneity.
- All method blanks for this batch meet method specific criteria.
- MC4401-1MS for Vinyl chloride: Outside control limits due to possible matrix interference. Refer to Blank Spike.

Matrix LEACHATE **Batch ID:** GP13647

- Sample(s) MC4465-1LS, MC4497-1LS, MC4465-1LS were used as the QC samples indicated.
- MC4539-1A, 2A: Sample analyzed by method SW846-8260C.
- GP13647-LS1, GP13647-LS2 for Vinyl chloride: Outside control limits due to possible matrix interference. Refer to Blank Spike.

Matrix SO **Batch ID:** MSV118

- All samples were analyzed within the recommended method holding time.
- Sample(s) MC4540-1MS, MC4540-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Blank Spike Recovery(s) for 2-Butanone (MEK), 2-Hexanone, 4-Methyl-2-pentanone (MIBK), Acetone are outside control limits. Blank Spike meets program technical requirements.
- Matrix Spike Recovery(s) for 2-Butanone (MEK), 2-Hexanone, 4-Methyl-2-pentanone (MIBK), Acetone are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.
- Matrix Spike Duplicate Recovery(s) for 2-Hexanone, 4-Methyl-2-pentanone (MIBK) are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.
- MC4539-1,2: Sample analyzed by method SW846-8260C.

Extractables by GCMS By Method SW846 8270C

Matrix LEACHATE	**Batch ID:** OP26652

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Sample(s) MC4292-4AMS, MC4292-4AMSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- MC4539-1A, 2A: Sample analyzed by method SW846-8270D.

Matrix SO	**Batch ID:** OP26653

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC4509-1MS, MC4509-1MSD were used as the QC samples indicated.
- Matrix Spike Recovery(s) for 3,3'-Dichlorobenzidine, 3-Nitroaniline, 4-Chloroaniline, Benzo(g,h,i)perylene, Dibenzo(a,h)anthracene, Hexachlorocyclopentadiene, Indeno(1,2,3-cd)pyrene are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.
- Matrix Spike Duplicate Recovery(s) for 3-Nitroaniline, 4-Chloroaniline, Hexachlorocyclopentadiene, 3,3'-Dichlorobenzidine, 4-Nitrophenol, Benzo(g,h,i)perylene are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.
- RPD(s) for MSD for 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 2,4-Dichlorophenol, 2,4-Dinitrophenol, 2-Nitrophenol, 3,3'-Dichlorobenzidine, 4,6-Dinitro-o-cresol, 4-Nitrophenol, Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Di-n-octyl phthalate, Dibenzo(a,h)anthracene, Indeno(1,2,3-cd)pyrene are outside control limits for sample OP26653-MSD. High RPD due to possible matrix interference and/or sample non-homogeneity.
- MC4539-1, 2: Sample analyzed by method SW846-8270D.

Volatiles by GC By Method SW846 8015

Matrix SO	**Batch ID:** GBH1350

- All samples were analyzed within the recommended method holding time.
- Sample(s) MC4561-1MS, MC4561-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Extractables by GC By Method SW846 8081

Matrix LEACHATE	**Batch ID:** OP26648

- Sample(s) MC4292-4AMS, MC4292-4AMSD were used as the QC samples indicated.
- Blank Spike Recovery(s) for Endrin, Heptachlor epoxide, Methoxychlor are outside control limits. Samples are non-detect for analyte.
- Matrix Spike Duplicate Recovery(s) for Endrin, Heptachlor epoxide, Methoxychlor are outside control limits. Outside control limits due to possible matrix interference.

Extractables by GC By Method SW846 8082

Matrix SO	**Batch ID:** OP26638

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC4539-1MS, MC4539-1MSD were used as the QC samples indicated.
- Matrix Spike Recovery(s) for Aroclor 1260 are outside control limits. Outside control limits due to possible matrix interference.

Extractables by GC By Method SW846 8151

Matrix LEACHATE	**Batch ID:** OP26649

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC4292-4AMS, MC4292-4AMSD were used as the QC samples indicated.
- MS/MSD Recovery(s) for 2,4,5-TP (Silvex) are outside control limits. Outside control limits due to possible matrix interference.

Extractables by GC By Method SW846-8015

Matrix SO	**Batch ID:** OP26657

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC4539-1MS, MC4539-1MSD were used as the QC samples indicated.
- RPD of OP26657-BSD for TPH-DRO (Semi-VOA): Range recovery satisfactory.

Metals By Method SW846 6010C

Matrix LEACHATE	**Batch ID:** MP17941

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC4497-1MS, MC4497-1MSD, MC4497-1PS, MC4497-1SDL were used as the QC samples for metals.
- RPD(s) for Serial Dilution for Cadmium, Chromium, Lead, Selenium are outside control limits for sample MP17941-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- MP17941-S1 for Selenium: Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.
- MP17941-SD1 for Barium: Serial Dilution RPD acceptable due to low duplicate and sample concentrations.
- ICSA from batch MA13532: Absolute value of concentration for Barium, Lead is greater than LOD. Q-flag for Barium, Lead were applied to associated samples (MC4539-1A ,2A).

Matrix SO	**Batch ID:** MP17938

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC4539-1MS, MC4539-1MSD, MC4539-1PS, MC4539-1SDL were used as the QC samples for metals.
- RPD(s) for Serial Dilution for Cadmium are outside control limits for sample MP17938-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- MC4539-1 for Chromium: Matrix spike recovery outside of the control limit.
- MP17938-S1 for Chromium: Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.
- ICSA from batch MA13534: Absolute value of concentration for Arsenic is greater than LOD. Q-flag for Arsenic were applied to associated samples (MC4539-1,2).

Metals By Method SW846 7470A

Matrix	LEACHATE	**Batch ID:**	MP17948

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC4497-1MS, MC4497-1MSD were used as the QC samples for metals.

Metals By Method SW846 7471B

Matrix	SO	**Batch ID:**	MP17942

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC4539-1MS, MC4539-1MSD were used as the QC samples for metals.

Wet Chemistry By Method SM21 2540 B MOD.

Matrix	SO	**Batch ID:**	GN36529

- Sample(s) MC4539-1DUP were used as the QC samples for Solids, Percent.

Wet Chemistry By Method SW846 1020

Matrix	SO	**Batch ID:**	GN36538

- Sample(s) MC4497-1DUP were used as the QC samples for Ignitability (Flashpoint).

Wet Chemistry By Method SW846 CHAP7

Matrix	SO	**Batch ID:**	GN36535

- Sample(s) MC4506-3DUP were used as the QC samples for Corrosivity as pH.

Matrix	SO	**Batch ID:**	GP13662

- All samples were distilled within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC4577-1DUP, MC4577-1MS were used as the QC samples for Cyanide Reactivity.

Matrix	SO	**Batch ID:**	GP13663

- All samples were distilled within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC4577-1DUP, MC4577-1MS were used as the QC samples for Sulfide Reactivity.

The Accutest Laboratories of New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety.The Accutest Laboratories of NE, Laboratory Director or assignee as verified by the signature on the cover page has authorized the release of this report(MC4539).

New England ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	139799-WASTE-S-002		
Lab Sample ID:	MC4539-1	**Date Sampled:**	10/11/11
Matrix:	SO - Soil	**Date Received:**	10/12/11
Method:	SW846 8260B	**Percent Solids:**	92.7
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	V2675.D	1	10/19/11	AMY	n/a	n/a	MSV118
Run #2							

	Initial Weight	Final Volume
Run #1	7.57 g	5.0 ml
Run #2		

VOA TCL List

CAS No.	Compound	Result	LOQ	LOD	Units	Q
67-64-1	Acetone	10.2	3.6	3.6	ug/kg	
71-43-2	Benzene	0.18 U	0.36	0.18	ug/kg	
75-27-4	Bromodichloromethane	0.36 U	1.4	0.36	ug/kg	
75-25-2	Bromoform	0.36 U	1.4	0.36	ug/kg	
74-83-9	Bromomethane	1.4 U	1.4	1.4	ug/kg	
78-93-3	2-Butanone (MEK)	1.4 U	3.6	1.4	ug/kg	
75-15-0	Carbon disulfide	13.9	3.6	1.4	ug/kg	
56-23-5	Carbon tetrachloride	0.36 U	1.4	0.36	ug/kg	
108-90-7	Chlorobenzene	0.18 U	1.4	0.18	ug/kg	
75-00-3	Chloroethane	0.36 U	3.6	0.36	ug/kg	
67-66-3	Chloroform	0.36 U	1.4	0.36	ug/kg	
74-87-3	Chloromethane	1.4 U	3.6	1.4	ug/kg	
124-48-1	Dibromochloromethane	1.4 U	1.4	1.4	ug/kg	
75-34-3	1,1-Dichloroethane	0.36 U	1.4	0.36	ug/kg	
107-06-2	1,2-Dichloroethane	0.36 U	1.4	0.36	ug/kg	
75-35-4	1,1-Dichloroethene	0.36 U	1.4	0.36	ug/kg	
156-59-2	cis-1,2-Dichloroethene	0.36 U	1.4	0.36	ug/kg	
156-60-5	trans-1,2-Dichloroethene	0.36 U	1.4	0.36	ug/kg	
78-87-5	1,2-Dichloropropane	0.36 U	1.4	0.36	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	1.4 U	1.4	1.4	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	1.4 U	1.4	1.4	ug/kg	
100-41-4	Ethylbenzene	0.80	1.4	0.36	ug/kg	J
591-78-6	2-Hexanone	3.6 U	3.6	3.6	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	1.4 U	3.6	1.4	ug/kg	
75-09-2	Methylene chloride	0.36 U	1.4	0.36	ug/kg	
100-42-5	Styrene	0.36 U	3.6	0.36	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	0.36 U	1.4	0.36	ug/kg	
127-18-4	Tetrachloroethene	0.36 U	1.4	0.36	ug/kg	
108-88-3	Toluene	2.7	3.6	0.36	ug/kg	J
71-55-6	1,1,1-Trichloroethane	0.36 U	1.4	0.36	ug/kg	
79-00-5	1,1,2-Trichloroethane	0.36 U	1.4	0.36	ug/kg	
79-01-6	Trichloroethene	0.36 U	1.4	0.36	ug/kg	

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-S-002		
Lab Sample ID:	MC4539-1	**Date Sampled:**	10/11/11
Matrix:	SO - Soil	**Date Received:**	10/12/11
Method:	SW846 8260B	**Percent Solids:**	92.7
Project:	Kittery Maine Site 30 Disposal Samples		

VOA TCL List

CAS No.	Compound	Result	LOQ	LOD	Units	Q
75-01-4	Vinyl chloride	1.4 U	1.4	1.4	ug/kg	
1330-20-7	Xylene (total)	3.0	1.4	0.36	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		70-130%
2037-26-5	Toluene-D8	102%		70-130%
460-00-4	4-Bromofluorobenzene	100%		70-130%

(a) Sample analyzed by method SW846-8260C.

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-S-002		
Lab Sample ID:	MC4539-1	**Date Sampled:**	10/11/11
Matrix:	SO - Soil	**Date Received:**	10/12/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	92.7
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	U2904.D	1	10/21/11	KR	10/19/11	OP26653	MSU177
Run #2							

	Initial Weight	Final Volume
Run #1	20.6 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	LOQ	LOD	Units	Q
95-57-8	2-Chlorophenol	14 U	260	14	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	18 U	520	18	ug/kg	
120-83-2	2,4-Dichlorophenol	31 U	520	31	ug/kg	
105-67-9	2,4-Dimethylphenol	52 U	520	52	ug/kg	
51-28-5	2,4-Dinitrophenol	260 U	1000	260	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	260 U	520	260	ug/kg	
95-48-7	2-Methylphenol	15 U	520	15	ug/kg	
	3&4-Methylphenol	28 U	520	28	ug/kg	
88-75-5	2-Nitrophenol	31 U	520	31	ug/kg	
100-02-7	4-Nitrophenol	260 U	1000	260	ug/kg	
87-86-5	Pentachlorophenol	49 U	520	49	ug/kg	
108-95-2	Phenol	43 U	260	43	ug/kg	
95-95-4	2,4,5-Trichlorophenol	39 U	520	39	ug/kg	
88-06-2	2,4,6-Trichlorophenol	36 U	520	36	ug/kg	
83-32-9	Acenaphthene	22 U	260	22	ug/kg	
208-96-8	Acenaphthylene	20 U	260	20	ug/kg	
120-12-7	Anthracene	21 U	260	21	ug/kg	
56-55-3	Benzo(a)anthracene	9.6 U	260	9.6	ug/kg	
50-32-8	Benzo(a)pyrene	16 U	260	16	ug/kg	
205-99-2	Benzo(b)fluoranthene	31 U	260	31	ug/kg	
191-24-2	Benzo(g,h,i)perylene	17 U	260	17	ug/kg	
207-08-9	Benzo(k)fluoranthene	7.7 U	260	7.7	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	21 U	260	21	ug/kg	
85-68-7	Butyl benzyl phthalate	11 U	260	11	ug/kg	
91-58-7	2-Chloronaphthalene	22 U	260	22	ug/kg	
106-47-8	4-Chloroaniline	130 U	520	130	ug/kg	
86-74-8	Carbazole	21 U	260	21	ug/kg	
218-01-9	Chrysene	11.4	260	8.5	ug/kg	J
111-91-1	bis(2-Chloroethoxy)methane	20 U	260	20	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	5.6 U	260	5.6	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	25 U	260	25	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	23 U	260	23	ug/kg	

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-S-002		
Lab Sample ID:	MC4539-1	**Date Sampled:**	10/11/11
Matrix:	SO - Soil	**Date Received:**	10/12/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	92.7
Project:	Kittery Maine Site 30 Disposal Samples		

ABN TCL List

CAS No.	Compound	Result	LOQ	LOD	Units	Q
95-50-1	1,2-Dichlorobenzene	21 U	260	21	ug/kg	
541-73-1	1,3-Dichlorobenzene	22 U	260	22	ug/kg	
106-46-7	1,4-Dichlorobenzene	22 U	260	22	ug/kg	
121-14-2	2,4-Dinitrotoluene	130 U	520	130	ug/kg	
606-20-2	2,6-Dinitrotoluene	25 U	520	25	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	6.3 U	260	6.3	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	17 U	260	17	ug/kg	
132-64-9	Dibenzofuran	22 U	260	22	ug/kg	
84-74-2	Di-n-butyl phthalate	24 U	260	24	ug/kg	
117-84-0	Di-n-octyl phthalate	14 U	260	14	ug/kg	
84-66-2	Diethyl phthalate	23 U	260	23	ug/kg	
131-11-3	Dimethyl phthalate	18 U	260	18	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	95.3	260	18	ug/kg	J
206-44-0	Fluoranthene	18.1	260	8.9	ug/kg	J
86-73-7	Fluorene	5.8 U	260	5.8	ug/kg	
118-74-1	Hexachlorobenzene	23 U	260	23	ug/kg	
87-68-3	Hexachlorobutadiene	21 U	260	21	ug/kg	
77-47-4	Hexachlorocyclopentadiene	3.5 U	520	3.5	ug/kg	
67-72-1	Hexachloroethane	21 U	260	21	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	16 U	260	16	ug/kg	
78-59-1	Isophorone	26 U	260	26	ug/kg	
91-57-6	2-Methylnaphthalene	22 U	260	22	ug/kg	
88-74-4	2-Nitroaniline	130 U	520	130	ug/kg	
99-09-2	3-Nitroaniline	130 U	520	130	ug/kg	
100-01-6	4-Nitroaniline	19 U	520	19	ug/kg	
91-20-3	Naphthalene	6.1 U	260	6.1	ug/kg	
98-95-3	Nitrobenzene	7.7 U	260	7.7	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	17 U	260	17	ug/kg	
86-30-6	N-Nitrosodiphenylamine	14 U	260	14	ug/kg	
85-01-8	Phenanthrene	12.9	260	6.7	ug/kg	J
129-00-0	Pyrene	17.2	260	8.4	ug/kg	J
120-82-1	1,2,4-Trichlorobenzene	23 U	260	23	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	52%		30-130%
4165-62-2	Phenol-d5	49%		30-130%
118-79-6	2,4,6-Tribromophenol	75%		30-130%
4165-60-0	Nitrobenzene-d5	54%		30-130%
321-60-8	2-Fluorobiphenyl	67%		30-130%

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-S-002		
Lab Sample ID:	MC4539-1	**Date Sampled:**	10/11/11
Matrix:	SO - Soil	**Date Received:**	10/12/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	92.7
Project:	Kittery Maine Site 30 Disposal Samples		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	72%		30-130%

(a) Sample analyzed by method SW846-8270D.

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-S-002		
Lab Sample ID:	MC4539-1	**Date Sampled:**	10/11/11
Matrix:	SO - Soil	**Date Received:**	10/12/11
Method:	SW846 8015	**Percent Solids:**	92.7
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BH24567.D	1	10/14/11	WS	n/a	n/a	GBH1350
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	6.50 g	10.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	LOQ	LOD	Units	Q
	TPH-GRO (VOA)	1.7 U	8.7	1.7 [a]	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
615-59-8	2,5-Dibromotoluene	89%		36-148%

(a) Value reported is laboratory DL (MDL).

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-S-002		
Lab Sample ID:	MC4539-1	**Date Sampled:**	10/11/11
Matrix:	SO - Soil	**Date Received:**	10/12/11
Method:	SW846 8082 SW846 3545	**Percent Solids:**	92.7
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK6655.D	1	10/19/11	PN	10/18/11	OP26638	GBK278
Run #2							

	Initial Weight	Final Volume
Run #1	15.1 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	LOQ	LOD	Units	Q
12674-11-2	Aroclor 1016	36 U	110	36	ug/kg	
11104-28-2	Aroclor 1221	36 U	110	36	ug/kg	
11141-16-5	Aroclor 1232	36 U	110	36	ug/kg	
53469-21-9	Aroclor 1242	7.2 U	110	7.2	ug/kg	
12672-29-6	Aroclor 1248	7.1 U	110	7.1	ug/kg	
11097-69-1	Aroclor 1254	148	110	36	ug/kg	
11096-82-5	Aroclor 1260	7.1 U	110	7.1	ug/kg	
1336-36-3	Total PCBs	148	110	7.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	99%		30-150%
877-09-8	Tetrachloro-m-xylene	97%		30-150%
2051-24-3	Decachlorobiphenyl	89%		30-150%
2051-24-3	Decachlorobiphenyl	66%		30-150%

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-S-002		
Lab Sample ID:	MC4539-1	**Date Sampled:**	10/11/11
Matrix:	SO - Soil	**Date Received:**	10/12/11
Method:	SW846-8015 SW846 3546	**Percent Solids:**	92.7
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BC55319.D	1	10/21/11	KD	10/19/11	OP26657	GBC2638
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	1.0 ml
Run #2		

CAS No.	Compound	Result	LOQ	LOD	Units	Q
	TPH-DRO (Semi-VOA)	26.4	18	13	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	68%		40-140%

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-S-002		
Lab Sample ID:	MC4539-1	**Date Sampled:**	10/11/11
Matrix:	SO - Soil	**Date Received:**	10/12/11
		Percent Solids:	92.7
Project:	Kittery Maine Site 30 Disposal Samples		

Metals Analysis

Analyte	Result	LOQ	LOD	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	14.5 Q	0.86	0.12	mg/kg	1	10/14/11	10/17/11	DA	SW846 6010C [2]	SW846 3050B [3]
Cadmium	0.19 J	0.35	0.052	mg/kg	1	10/14/11	10/17/11	DA	SW846 6010C [2]	SW846 3050B [3]
Chromium [a]	36.2 J	0.86	0.12	mg/kg	1	10/14/11	10/17/11	DA	SW846 6010C [2]	SW846 3050B [3]
Lead	48.4	0.86	0.30	mg/kg	1	10/14/11	10/17/11	DA	SW846 6010C [2]	SW846 3050B [3]
Mercury	0.036	0.032	0.011	mg/kg	1	10/15/11	10/17/11	MA	SW846 7471B [1]	SW846 7471B [4]

(1) Instrument QC Batch: MA13521
(2) Instrument QC Batch: MA13534
(3) Prep QC Batch: MP17938
(4) Prep QC Batch: MP17942

(a) Matrix spike recovery outside of the control limit.

LOQ = Limit of Quantitation
LOD = Limit of Detection

U = Indicates a result < LOD
J = Indicates a result > = LOD but < LOQ

Report of Analysis

Client Sample ID:	139799-WASTE-S-002		
Lab Sample ID:	MC4539-1	**Date Sampled:**	10/11/11
Matrix:	SO - Soil	**Date Received:**	10/12/11
		Percent Solids:	92.7
Project:	Kittery Maine Site 30 Disposal Samples		

General Chemistry

Analyte	Result	LOQ	LOD	Units	DF	Analyzed	By	Method
Corrosivity as pH	3.9				1	10/13/11	MA	SW846 CHAP7
Cyanide Reactivity	1.6 U	1.6	1.6	mg/kg	1	10/17/11	BF	SW846 CHAP7
Ignitability (Flashpoint)	> 230			Deg. F	1	10/13/11	BF	SW846 1020
Solids, Percent	92.7			%	1	10/13/11	HS	SM21 2540 B MOD.
Sulfide Reactivity	54 U	54	54	mg/kg	1	10/17/11	BF	SW846 CHAP7

LOQ = Limit of Quantitation
LOD = Limit of Detection

U = Indicates a result < LOD
J = Indicates a result > = LOD but < LOQ

Report of Analysis

Client Sample ID:	139799-WASTE-S-002		
Lab Sample ID:	MC4539-1A	**Date Sampled:**	10/11/11
Matrix:	SO - Soil	**Date Received:**	10/12/11
Method:	SW846 8260B SW846 1311	**Percent Solids:**	92.7
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	N56348.D	100	10/19/11	EK	10/13/11	GP13647	MSN2114
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	LOQ	LOD	Units	Q
71-43-2	Benzene	0.0534	D018	0.50	0.050	0.050	mg/l	
78-93-3	2-Butanone (MEK)	0.50 U	D035	200	0.50	0.50	mg/l	
56-23-5	Carbon tetrachloride	0.10 U	D019	0.50	0.10	0.10	mg/l	
108-90-7	Chlorobenzene	0.10 U	D021	100	0.10	0.10	mg/l	
67-66-3	Chloroform	0.10 U	D022	6.0	0.10	0.10	mg/l	
106-46-7	1,4-Dichlorobenzene	0.10 U	D027	7.5	0.10	0.10	mg/l	
107-06-2	1,2-Dichloroethane	0.10 U	D028	0.50	0.10	0.10	mg/l	
75-35-4	1,1-Dichloroethene	0.10 U	D029	0.70	0.10	0.10	mg/l	
127-18-4	Tetrachloroethene	0.10 U	D039	0.70	0.10	0.10	mg/l	
79-01-6	Trichloroethene	0.10 U	D040	0.50	0.10	0.10	mg/l	
75-01-4	Vinyl chloride	0.10 U	D043	0.20	0.10	0.10	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	87%		70-130%
2037-26-5	Toluene-D8	95%		70-130%
460-00-4	4-Bromofluorobenzene	86%		70-130%

(a) Sample analyzed by method SW846-8260C.

U = Not detected LOD - Limit of Detection
MCL = Maximum Contamination Level (40 CFR 261 6/96)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-S-002		
Lab Sample ID:	MC4539-1A	**Date Sampled:**	10/11/11
Matrix:	SO - Soil	**Date Received:**	10/12/11
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	92.7
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	U2922.D	1	10/21/11	KR	10/19/11	OP26652	MSU178
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	1.0 ml
Run #2		

ABN TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	LOQ	LOD	Units	Q
95-48-7	2-Methylphenol	0.020 U	D023	200	0.10	0.020	mg/l	
	3&4-Methylphenol	0.010 U	D024	200	0.10	0.010	mg/l	
87-86-5	Pentachlorophenol	0.020 U	D037	100	0.10	0.020	mg/l	
95-95-4	2,4,5-Trichlorophenol	0.0050 U	D041	400	0.10	0.0050	mg/l	
88-06-2	2,4,6-Trichlorophenol	0.0050 U	D042	2.0	0.10	0.0050	mg/l	
106-46-7	1,4-Dichlorobenzene	0.0050 U	D027	7.5	0.050	0.0050	mg/l	
121-14-2	2,4-Dinitrotoluene	0.020 U	D030	0.13	0.10	0.020	mg/l	
118-74-1	Hexachlorobenzene	0.0050 U	D032	0.13	0.050	0.0050	mg/l	
87-68-3	Hexachlorobutadiene	0.0050 U	D033	0.50	0.050	0.0050	mg/l	
67-72-1	Hexachloroethane	0.020 U	D034	3.0	0.050	0.020	mg/l	
98-95-3	Nitrobenzene	0.0050 U	D036	2.0	0.050	0.0050	mg/l	
110-86-1	Pyridine	0.050 U	D038	5.0	0.10	0.050	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	82%		15-110%
4165-62-2	Phenol-d5	78%		15-110%
118-79-6	2,4,6-Tribromophenol	105%		15-110%
4165-60-0	Nitrobenzene-d5	84%		30-130%
321-60-8	2-Fluorobiphenyl	92%		30-130%
1718-51-0	Terphenyl-d14	108%		30-130%

(a) Sample analyzed by method SW846-8270D.

U = Not detected LOD - Limit of Detection
MCL = Maximum Contamination Level (40 CFR 261 6/96)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-S-002		
Lab Sample ID:	MC4539-1A	**Date Sampled:**	10/11/11
Matrix:	SO - Soil	**Date Received:**	10/12/11
Method:	SW846 8151 SW846 3510C	**Percent Solids:**	92.7
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK6735.D	1	10/21/11	AP	10/19/11	OP26649	GBK281
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	5.0 ml
Run #2		

Herbicide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	LOQ	LOD	Units	Q
94-75-7	2,4-D	0.0014 U	D016	10	0.010	0.0014	mg/l	
93-72-1	2,4,5-TP (Silvex)	0.0013 U	D017	1.0	0.010	0.0013	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	95%		30-150%
19719-28-9	2,4-DCAA	91%		30-150%

U = Not detected LOD - Limit of Detection
MCL = Maximum Contamination Level (40 CFR 261 6/96)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-S-002		
Lab Sample ID:	MC4539-1A	**Date Sampled:**	10/11/11
Matrix:	SO - Soil	**Date Received:**	10/12/11
Method:	SW846 8081 SW846 3510C	**Percent Solids:**	92.7
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YZ68619.D	1	10/20/11	CZ	10/19/11	OP26648	GYZ6547
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	5.0 ml
Run #2		

Pesticide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	LOQ	LOD	Units	Q
58-89-9	gamma-BHC (Lindane)	0.00025 U	D013	0.40	0.00050	0.00025	mg/l	
12789-03-6	Chlordane	0.0050 U	D020	0.030	0.0050	0.0050	mg/l	
72-20-8	Endrin	0.00025 U	D012	0.020	0.00050	0.00025	mg/l	
76-44-8	Heptachlor	0.00025 U	D031	0.0080	0.00050	0.00025	mg/l	
1024-57-3	Heptachlor epoxide	0.00025 U	D031	0.0080	0.00050	0.00025	mg/l	
72-43-5	Methoxychlor	0.00025 U	D014	10	0.00050	0.00025	mg/l	
8001-35-2	Toxaphene	0.0025 U	D015	0.50	0.025	0.0025	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	114%		30-150%
877-09-8	Tetrachloro-m-xylene	103%		30-150%
2051-24-3	Decachlorobiphenyl	129%		30-150%
2051-24-3	Decachlorobiphenyl	120%		30-150%

U = Not detected LOD - Limit of Detection
MCL = Maximum Contamination Level (40 CFR 261 6/96)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-S-002		
Lab Sample ID:	MC4539-1A	**Date Sampled:**	10/11/11
Matrix:	SO - Soil	**Date Received:**	10/12/11
		Percent Solids:	92.7
Project:	Kittery Maine Site 30 Disposal Samples		

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	LOQ	LOD	Units	DF	Prep	Analyzed	By	Method
Arsenic	0.0035 U	D004	5.0	0.010	0.0035	mg/l	1	10/14/11	10/16/11	SA	SW846 6010C [2]
Barium	0.092 J,Q	D005	100	0.50	0.0010	mg/l	1	10/14/11	10/16/11	SA	SW846 6010C [2]
Cadmium	0.0035 J	D006	1.0	0.0040	0.00060	mg/l	1	10/14/11	10/16/11	SA	SW846 6010C [2]
Chromium	0.0044 J	D007	5.0	0.010	0.0010	mg/l	1	10/14/11	10/16/11	SA	SW846 6010C [2]
Lead	0.037 Q	D008	5.0	0.010	0.0035	mg/l	1	10/14/11	10/16/11	SA	SW846 6010C [2]
Mercury	0.000058 U	D009	0.20	0.00020	0.000058	mg/l	1	10/15/11	10/17/11	MA	SW846 7470A [1]
Selenium	0.0054 J	D010	1.0	0.025	0.0035	mg/l	1	10/14/11	10/16/11	SA	SW846 6010C [2]
Silver	0.0010 U	D011	5.0	0.0050	0.0010	mg/l	1	10/14/11	10/16/11	SA	SW846 6010C [2]

(1) Instrument QC Batch: MA13527
(2) Instrument QC Batch: MA13532
(3) Prep QC Batch: MP17941
(4) Prep QC Batch: MP17948

LOQ = Limit of Quantitation LOD = Limit of Detection U = Indicates a result < LOD
MCL = Maximum Contamination Level (40 CFR 261 6/96) J = Indicates a result > = LOD but < LOQ

Report of Analysis

Client Sample ID:	139799-WASTE-C-002		
Lab Sample ID:	MC4539-2	**Date Sampled:**	10/11/11
Matrix:	SO - Solid	**Date Received:**	10/12/11
Method:	SW846 8260B	**Percent Solids:**	97.1
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	V2676.D	1	10/19/11	AMY	n/a	n/a	MSV118
Run #2							

	Initial Weight	Final Volume
Run #1	5.90 g	5.0 ml
Run #2		

VOA TCL List

CAS No.	Compound	Result	LOQ	LOD	Units	Q
67-64-1	Acetone	16.1	4.4	4.4	ug/kg	
71-43-2	Benzene	0.22 U	0.44	0.22	ug/kg	
75-27-4	Bromodichloromethane	0.44 U	1.7	0.44	ug/kg	
75-25-2	Bromoform	0.44 U	1.7	0.44	ug/kg	
74-83-9	Bromomethane	1.7 U	1.7	1.7	ug/kg	
78-93-3	2-Butanone (MEK)	1.7 U	4.4	1.7	ug/kg	
75-15-0	Carbon disulfide	1.7 U	4.4	1.7	ug/kg	
56-23-5	Carbon tetrachloride	0.44 U	1.7	0.44	ug/kg	
108-90-7	Chlorobenzene	0.22 U	1.7	0.22	ug/kg	
75-00-3	Chloroethane	0.44 U	4.4	0.44	ug/kg	
67-66-3	Chloroform	0.44 U	1.7	0.44	ug/kg	
74-87-3	Chloromethane	1.7 U	4.4	1.7	ug/kg	
124-48-1	Dibromochloromethane	1.7 U	1.7	1.7	ug/kg	
75-34-3	1,1-Dichloroethane	0.44 U	1.7	0.44	ug/kg	
107-06-2	1,2-Dichloroethane	0.44 U	1.7	0.44	ug/kg	
75-35-4	1,1-Dichloroethene	0.44 U	1.7	0.44	ug/kg	
156-59-2	cis-1,2-Dichloroethene	0.44 U	1.7	0.44	ug/kg	
156-60-5	trans-1,2-Dichloroethene	0.44 U	1.7	0.44	ug/kg	
78-87-5	1,2-Dichloropropane	0.44 U	1.7	0.44	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	1.7 U	1.7	1.7	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	1.7 U	1.7	1.7	ug/kg	
100-41-4	Ethylbenzene	0.57	1.7	0.44	ug/kg	J
591-78-6	2-Hexanone	4.4 U	4.4	4.4	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	1.7 U	4.4	1.7	ug/kg	
75-09-2	Methylene chloride	0.44 U	1.7	0.44	ug/kg	
100-42-5	Styrene	0.44 U	4.4	0.44	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	0.44 U	1.7	0.44	ug/kg	
127-18-4	Tetrachloroethene	0.44 U	1.7	0.44	ug/kg	
108-88-3	Toluene	2.2	4.4	0.44	ug/kg	J
71-55-6	1,1,1-Trichloroethane	0.44 U	1.7	0.44	ug/kg	
79-00-5	1,1,2-Trichloroethane	0.44 U	1.7	0.44	ug/kg	
79-01-6	Trichloroethene	0.44 U	1.7	0.44	ug/kg	

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-C-002		
Lab Sample ID:	MC4539-2	**Date Sampled:**	10/11/11
Matrix:	SO - Solid	**Date Received:**	10/12/11
Method:	SW846 8260B	**Percent Solids:**	97.1
Project:	Kittery Maine Site 30 Disposal Samples		

VOA TCL List

CAS No.	Compound	Result	LOQ	LOD	Units	Q
75-01-4	Vinyl chloride	1.7 U	1.7	1.7	ug/kg	
1330-20-7	Xylene (total)	2.0	1.7	0.44	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		70-130%
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	98%		70-130%

(a) Sample analyzed by method SW846-8260C.

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-C-002		
Lab Sample ID:	MC4539-2	**Date Sampled:**	10/11/11
Matrix:	SO - Solid	**Date Received:**	10/12/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	97.1
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	U2905.D	1	10/21/11	KR	10/19/11	OP26653	MSU177
Run #2							

	Initial Weight	Final Volume
Run #1	20.9 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	LOQ	LOD	Units	Q
95-57-8	2-Chlorophenol	13 U	250	13	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	17 U	490	17	ug/kg	
120-83-2	2,4-Dichlorophenol	29 U	490	29	ug/kg	
105-67-9	2,4-Dimethylphenol	49 U	490	49	ug/kg	
51-28-5	2,4-Dinitrophenol	250 U	990	250	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	250 U	490	250	ug/kg	
95-48-7	2-Methylphenol	14 U	490	14	ug/kg	
	3&4-Methylphenol	26 U	490	26	ug/kg	
88-75-5	2-Nitrophenol	30 U	490	30	ug/kg	
100-02-7	4-Nitrophenol	250 U	990	250	ug/kg	
87-86-5	Pentachlorophenol	46 U	490	46	ug/kg	
108-95-2	Phenol	41 U	250	41	ug/kg	
95-95-4	2,4,5-Trichlorophenol	37 U	490	37	ug/kg	
88-06-2	2,4,6-Trichlorophenol	34 U	490	34	ug/kg	
83-32-9	Acenaphthene	21 U	250	21	ug/kg	
208-96-8	Acenaphthylene	18 U	250	18	ug/kg	
120-12-7	Anthracene	19 U	250	19	ug/kg	
56-55-3	Benzo(a)anthracene	9.1 U	250	9.1	ug/kg	
50-32-8	Benzo(a)pyrene	15 U	250	15	ug/kg	
205-99-2	Benzo(b)fluoranthene	29 U	250	29	ug/kg	
191-24-2	Benzo(g,h,i)perylene	16 U	250	16	ug/kg	
207-08-9	Benzo(k)fluoranthene	7.3 U	250	7.3	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	20 U	250	20	ug/kg	
85-68-7	Butyl benzyl phthalate	11 U	250	11	ug/kg	
91-58-7	2-Chloronaphthalene	21 U	250	21	ug/kg	
106-47-8	4-Chloroaniline	120 U	490	120	ug/kg	
86-74-8	Carbazole	19 U	250	19	ug/kg	
218-01-9	Chrysene	8.0 U	250	8.0	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	19 U	250	19	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	5.3 U	250	5.3	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	23 U	250	23	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	22 U	250	22	ug/kg	

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-C-002		
Lab Sample ID:	MC4539-2	**Date Sampled:**	10/11/11
Matrix:	SO - Solid	**Date Received:**	10/12/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	97.1
Project:	Kittery Maine Site 30 Disposal Samples		

ABN TCL List

CAS No.	Compound	Result	LOQ	LOD	Units	Q
95-50-1	1,2-Dichlorobenzene	20 U	250	20	ug/kg	
541-73-1	1,3-Dichlorobenzene	21 U	250	21	ug/kg	
106-46-7	1,4-Dichlorobenzene	20 U	250	20	ug/kg	
121-14-2	2,4-Dinitrotoluene	120 U	490	120	ug/kg	
606-20-2	2,6-Dinitrotoluene	24 U	490	24	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	5.9 U	250	5.9	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	16 U	250	16	ug/kg	
132-64-9	Dibenzofuran	21 U	250	21	ug/kg	
84-74-2	Di-n-butyl phthalate	22 U	250	22	ug/kg	
117-84-0	Di-n-octyl phthalate	13 U	250	13	ug/kg	
84-66-2	Diethyl phthalate	21 U	250	21	ug/kg	
131-11-3	Dimethyl phthalate	17 U	250	17	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	174	250	17	ug/kg	J
206-44-0	Fluoranthene	8.4 U	250	8.4	ug/kg	
86-73-7	Fluorene	5.4 U	250	5.4	ug/kg	
118-74-1	Hexachlorobenzene	21 U	250	21	ug/kg	
87-68-3	Hexachlorobutadiene	19 U	250	19	ug/kg	
77-47-4	Hexachlorocyclopentadiene	3.3 U	490	3.3	ug/kg	
67-72-1	Hexachloroethane	20 U	250	20	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	15 U	250	15	ug/kg	
78-59-1	Isophorone	24 U	250	24	ug/kg	
91-57-6	2-Methylnaphthalene	21 U	250	21	ug/kg	
88-74-4	2-Nitroaniline	120 U	490	120	ug/kg	
99-09-2	3-Nitroaniline	120 U	490	120	ug/kg	
100-01-6	4-Nitroaniline	18 U	490	18	ug/kg	
91-20-3	Naphthalene	5.7 U	250	5.7	ug/kg	
98-95-3	Nitrobenzene	7.3 U	250	7.3	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	16 U	250	16	ug/kg	
86-30-6	N-Nitrosodiphenylamine	13 U	250	13	ug/kg	
85-01-8	Phenanthrene	50.9	250	6.4	ug/kg	J
129-00-0	Pyrene	31.8	250	7.9	ug/kg	J
120-82-1	1,2,4-Trichlorobenzene	21 U	250	21	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	53%		30-130%
4165-62-2	Phenol-d5	49%		30-130%
118-79-6	2,4,6-Tribromophenol	69%		30-130%
4165-60-0	Nitrobenzene-d5	57%		30-130%
321-60-8	2-Fluorobiphenyl	72%		30-130%

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-C-002		
Lab Sample ID:	MC4539-2	**Date Sampled:**	10/11/11
Matrix:	SO - Solid	**Date Received:**	10/12/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	97.1
Project:	Kittery Maine Site 30 Disposal Samples		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	73%		30-130%

(a) Sample analyzed by method SW846-8270D.

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-C-002		
Lab Sample ID:	MC4539-2	**Date Sampled:**	10/11/11
Matrix:	SO - Solid	**Date Received:**	10/12/11
Method:	SW846 8015	**Percent Solids:**	97.1
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BH24566.D	1	10/14/11	WS	n/a	n/a	GBH1350
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.28 g	10.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	LOQ	LOD	Units	Q
	TPH-GRO (VOA)	1.9 U	9.9	1.9 [a]	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
615-59-8	2,5-Dibromotoluene	87%		36-148%

(a) Value reported is laboratory DL (MDL).

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-C-002		
Lab Sample ID:	MC4539-2	**Date Sampled:**	10/11/11
Matrix:	SO - Solid	**Date Received:**	10/12/11
Method:	SW846 8082 SW846 3545	**Percent Solids:**	97.1
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK6665.D	1	10/20/11	PN	10/18/11	OP26638	GBK278
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	LOQ	LOD	Units	Q
12674-11-2	Aroclor 1016	34 U	100	34	ug/kg	
11104-28-2	Aroclor 1221	34 U	100	34	ug/kg	
11141-16-5	Aroclor 1232	34 U	100	34	ug/kg	
53469-21-9	Aroclor 1242	6.9 U	100	6.9	ug/kg	
12672-29-6	Aroclor 1248	6.8 U	100	6.8	ug/kg	
11097-69-1	Aroclor 1254	130	100	34	ug/kg	
11096-82-5	Aroclor 1260	6.8 U	100	6.8	ug/kg	
1336-36-3	Total PCBs	130	100	6.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	88%		30-150%
877-09-8	Tetrachloro-m-xylene	87%		30-150%
2051-24-3	Decachlorobiphenyl	79%		30-150%
2051-24-3	Decachlorobiphenyl	62%		30-150%

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-C-002		
Lab Sample ID:	MC4539-2	**Date Sampled:**	10/11/11
Matrix:	SO - Solid	**Date Received:**	10/12/11
Method:	SW846-8015 SW846 3546	**Percent Solids:**	97.1
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BC55321.D	1	10/21/11	KD	10/19/11	OP26657	GBC2638
Run #2							

	Initial Weight	Final Volume
Run #1	15.7 g	1.0 ml
Run #2		

CAS No.	Compound	Result	LOQ	LOD	Units	Q
	TPH-DRO (Semi-VOA)	355	16	12	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	78%		40-140%

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-C-002		
Lab Sample ID:	MC4539-2	**Date Sampled:**	10/11/11
Matrix:	SO - Solid	**Date Received:**	10/12/11
		Percent Solids:	97.1
Project:	Kittery Maine Site 30 Disposal Samples		

Metals Analysis

Analyte	Result	LOQ	LOD	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	0.64 J,Q	0.90	0.13	mg/kg	1	10/14/11	10/17/11	DA	SW846 6010C [2]	SW846 3050B [3]
Cadmium	0.054 U	0.36	0.054	mg/kg	1	10/14/11	10/17/11	DA	SW846 6010C [2]	SW846 3050B [3]
Chromium	4.1	0.90	0.13	mg/kg	1	10/14/11	10/17/11	DA	SW846 6010C [2]	SW846 3050B [3]
Lead	35.5	0.90	0.31	mg/kg	1	10/14/11	10/17/11	DA	SW846 6010C [2]	SW846 3050B [3]
Mercury	0.029 J	0.032	0.011	mg/kg	1	10/15/11	10/17/11	MA	SW846 7471B [1]	SW846 7471B [4]

(1) Instrument QC Batch: MA13521
(2) Instrument QC Batch: MA13534
(3) Prep QC Batch: MP17938
(4) Prep QC Batch: MP17942

LOQ = Limit of Quantitation
LOD = Limit of Detection

U = Indicates a result < LOD
J = Indicates a result > = LOD but < LOQ

Report of Analysis

Client Sample ID:	139799-WASTE-C-002		
Lab Sample ID:	MC4539-2	**Date Sampled:**	10/11/11
Matrix:	SO - Solid	**Date Received:**	10/12/11
		Percent Solids:	97.1
Project:	Kittery Maine Site 30 Disposal Samples		

General Chemistry

Analyte	Result	LOQ	LOD	Units	DF	Analyzed	By	Method
Corrosivity as pH	4.0				1	10/13/11	MA	SW846 CHAP7
Cyanide Reactivity	1.5 U	1.5	1.5	mg/kg	1	10/17/11	BF	SW846 CHAP7
Ignitability (Flashpoint)	> 230			Deg. F	1	10/13/11	BF	SW846 1020
Solids, Percent	97.1			%	1	10/13/11	HS	SM21 2540 B MOD.
Sulfide Reactivity	51 U	51	51	mg/kg	1	10/17/11	BF	SW846 CHAP7

LOQ = Limit of Quantitation
LOD = Limit of Detection

U = Indicates a result < LOD
J = Indicates a result > = LOD but < LOQ

Report of Analysis

Client Sample ID:	139799-WASTE-C-002		
Lab Sample ID:	MC4539-2A	**Date Sampled:**	10/11/11
Matrix:	SO - Solid	**Date Received:**	10/12/11
Method:	SW846 8260B SW846 1311	**Percent Solids:**	97.1
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	N56349.D	100	10/19/11	EK	10/13/11	GP13647	MSN2114
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	LOQ	LOD	Units	Q
71-43-2	Benzene	0.050 U	D018	0.50	0.050	0.050	mg/l	
78-93-3	2-Butanone (MEK)	0.50 U	D035	200	0.50	0.50	mg/l	
56-23-5	Carbon tetrachloride	0.10 U	D019	0.50	0.10	0.10	mg/l	
108-90-7	Chlorobenzene	0.10 U	D021	100	0.10	0.10	mg/l	
67-66-3	Chloroform	0.10 U	D022	6.0	0.10	0.10	mg/l	
106-46-7	1,4-Dichlorobenzene	0.10 U	D027	7.5	0.10	0.10	mg/l	
107-06-2	1,2-Dichloroethane	0.10 U	D028	0.50	0.10	0.10	mg/l	
75-35-4	1,1-Dichloroethene	0.10 U	D029	0.70	0.10	0.10	mg/l	
127-18-4	Tetrachloroethene	0.10 U	D039	0.70	0.10	0.10	mg/l	
79-01-6	Trichloroethene	0.10 U	D040	0.50	0.10	0.10	mg/l	
75-01-4	Vinyl chloride	0.10 U	D043	0.20	0.10	0.10	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	88%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	87%		70-130%

(a) Sample analyzed by method SW846-8260C.

U = Not detected LOD - Limit of Detection
MCL = Maximum Contamination Level (40 CFR 261 6/96)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-C-002		
Lab Sample ID:	MC4539-2A	**Date Sampled:**	10/11/11
Matrix:	SO - Solid	**Date Received:**	10/12/11
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	97.1
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	U2923.D	1	10/21/11	KR	10/19/11	OP26652	MSU178
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	1.0 ml
Run #2		

ABN TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	LOQ	LOD	Units	Q
95-48-7	2-Methylphenol	0.020 U	D023	200	0.10	0.020	mg/l	
	3&4-Methylphenol	0.010 U	D024	200	0.10	0.010	mg/l	
87-86-5	Pentachlorophenol	0.020 U	D037	100	0.10	0.020	mg/l	
95-95-4	2,4,5-Trichlorophenol	0.0050 U	D041	400	0.10	0.0050	mg/l	
88-06-2	2,4,6-Trichlorophenol	0.0050 U	D042	2.0	0.10	0.0050	mg/l	
106-46-7	1,4-Dichlorobenzene	0.0050 U	D027	7.5	0.050	0.0050	mg/l	
121-14-2	2,4-Dinitrotoluene	0.020 U	D030	0.13	0.10	0.020	mg/l	
118-74-1	Hexachlorobenzene	0.0050 U	D032	0.13	0.050	0.0050	mg/l	
87-68-3	Hexachlorobutadiene	0.0050 U	D033	0.50	0.050	0.0050	mg/l	
67-72-1	Hexachloroethane	0.020 U	D034	3.0	0.050	0.020	mg/l	
98-95-3	Nitrobenzene	0.0050 U	D036	2.0	0.050	0.0050	mg/l	
110-86-1	Pyridine	0.050 U	D038	5.0	0.10	0.050	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	79%		15-110%
4165-62-2	Phenol-d5	74%		15-110%
118-79-6	2,4,6-Tribromophenol	102%		15-110%
4165-60-0	Nitrobenzene-d5	81%		30-130%
321-60-8	2-Fluorobiphenyl	91%		30-130%
1718-51-0	Terphenyl-d14	104%		30-130%

(a) Sample analyzed by method SW846-8270D.

U = Not detected LOD - Limit of Detection
MCL = Maximum Contamination Level (40 CFR 261 6/96)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-C-002		
Lab Sample ID:	MC4539-2A	**Date Sampled:**	10/11/11
Matrix:	SO - Solid	**Date Received:**	10/12/11
Method:	SW846 8151 SW846 3510C	**Percent Solids:**	97.1
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK6736.D	1	10/21/11	AP	10/19/11	OP26649	GBK281
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	5.0 ml
Run #2		

Herbicide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	LOQ	LOD	Units	Q
94-75-7	2,4-D	0.0014 U	D016	10	0.010	0.0014	mg/l	
93-72-1	2,4,5-TP (Silvex)	0.0013 U	D017	1.0	0.010	0.0013	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	93%		30-150%
19719-28-9	2,4-DCAA	92%		30-150%

U = Not detected LOD - Limit of Detection
MCL = Maximum Contamination Level (40 CFR 261 6/96)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-C-002		
Lab Sample ID:	MC4539-2A	**Date Sampled:**	10/11/11
Matrix:	SO - Solid	**Date Received:**	10/12/11
Method:	SW846 8081 SW846 3510C	**Percent Solids:**	97.1
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YZ68620.D	1	10/20/11	CZ	10/19/11	OP26648	GYZ6547
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	5.0 ml
Run #2		

Pesticide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	LOQ	LOD	Units	Q
58-89-9	gamma-BHC (Lindane)	0.00025 U	D013	0.40	0.00050	0.00025	mg/l	
12789-03-6	Chlordane	0.0050 U	D020	0.030	0.0050	0.0050	mg/l	
72-20-8	Endrin	0.00025 U	D012	0.020	0.00050	0.00025	mg/l	
76-44-8	Heptachlor	0.00025 U	D031	0.0080	0.00050	0.00025	mg/l	
1024-57-3	Heptachlor epoxide	0.00025 U	D031	0.0080	0.00050	0.00025	mg/l	
72-43-5	Methoxychlor	0.00025 U	D014	10	0.00050	0.00025	mg/l	
8001-35-2	Toxaphene	0.0025 U	D015	0.50	0.025	0.0025	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	101%		30-150%
877-09-8	Tetrachloro-m-xylene	89%		30-150%
2051-24-3	Decachlorobiphenyl	114%		30-150%
2051-24-3	Decachlorobiphenyl	104%		30-150%

U = Not detected LOD - Limit of Detection
MCL = Maximum Contamination Level (40 CFR 261 6/96)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-C-002		
Lab Sample ID:	MC4539-2A	**Date Sampled:**	10/11/11
Matrix:	SO - Solid	**Date Received:**	10/12/11
		Percent Solids:	97.1
Project:	Kittery Maine Site 30 Disposal Samples		

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	LOQ	LOD	Units	DF	Prep	Analyzed	By	Method
Arsenic	0.0035 U	D004	5.0	0.010	0.0035	mg/l	1	10/14/11	10/16/11	SA	SW846 6010C [2]
Barium	0.054 J,Q	D005	100	0.50	0.0010	mg/l	1	10/14/11	10/16/11	SA	SW846 6010C [2]
Cadmium	0.00080 J	D006	1.0	0.0040	0.00060	mg/l	1	10/14/11	10/16/11	SA	SW846 6010C [2]
Chromium	0.0023 J	D007	5.0	0.010	0.0010	mg/l	1	10/14/11	10/16/11	SA	SW846 6010C [2]
Lead	0.057 Q	D008	5.0	0.010	0.0035	mg/l	1	10/14/11	10/16/11	SA	SW846 6010C [2]
Mercury	0.000058 U	D009	0.20	0.00020	0.000058	mg/l	1	10/15/11	10/17/11	MA	SW846 7470A [1]
Selenium	0.0065 J	D010	1.0	0.025	0.0035	mg/l	1	10/14/11	10/16/11	SA	SW846 6010C [2]
Silver	0.0010 U	D011	5.0	0.0050	0.0010	mg/l	1	10/14/11	10/16/11	SA	SW846 6010C [2]

(1) Instrument QC Batch: MA13527
(2) Instrument QC Batch: MA13532
(3) Prep QC Batch: MP17941
(4) Prep QC Batch: MP17948

LOQ = Limit of Quantitation LOD = Limit of Detection U = Indicates a result < LOD
MCL = Maximum Contamination Level (40 CFR 261 6/96) J = Indicates a result > = LOD but < LOQ

New England ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Certification Exceptions (ME)
- Chain of Custody

CHAIN-OF-CUSTODY RECORD

COC Number: 139799-101111
Purchase Order Number:

Shaw MC4539
Shaw Environmental & Infrastructure, Inc.

SHAW Environmental & Infrastructure, INC. 500 E. Main Street, Suite 1630, Norfolk, VA 23510 (757) 363-7190

Accutest	Accutest New England 495 Technology Center West, Building One Marlborough, MA 01752 (508) 481-6200
Kittery Maine Site 30	Disposal Samples
139799	Natasha Kelley Sullivan (410)529-7599
NAVY	Fred Poulin

Item No.	Sample Number	Date	Time	Matrix	Sample Description	Number of Containers	FULL TCLP by SW-846	Cyanide Reactivity SW-846 7.3.3.2	Sulfide Reactivity SW-846 7.3.4.2	Ignitability (Flashpoint) SW-846 1020A	Corrosivity as pH SW-846 CHAP7/9045D	Total PCBs SW-846 8082B	TCL Volatiles SW-846 5035/8260B	TCL Semivolatiles SW-846 8270D	Total Metals (As, Cd, Cr, Pb, Hg) by SW-846 6010C/7471	TPH GRO/DRO SW-846 8015
1	139799-Waste-S-002	10-11-11	9:55	Soil	Waste Soil	1-950 ml amber soil jar (No Preservative), 1-40 ml vials (10ML MeOH), 2- 40 ml voa vials (Sodium Biosulfate) 2 - 2 oz jar (No Preservative)	X	X	X	X	X	X	X	X	X	X
2	139799-Waste-C-002	10-11-11	9:45	Brick	Waste brick	1-950 ml amber soil jar (No Preservative), 1-40 ml vials (10ML MeOH), 2- 40 ml voa vials (Sodium Biosulfate) 2 - 2 oz jar (No Preservative)	X	X	X	X	X	X	X	X	X	X
3																
4																
5																
6																

Turnaround Time Required: ☐ 7 calender Day TAT

Sampled By: Jonathan Ward, SHAW

Cooler No.: 3C,10E2

Item No.	Transfer Relinquished By	Date	Time	Transfer Accepted By	Date	Time	Remarks
1							
2	Fedex	10/12/11	09:30	Fedex			
3							
4							

Summary Report

Deliverables: EDD Excel + NIRIS

Please Log in under Global General Services

*** Fax results to Natasha Sullivan (410) 529-7599

Rec 0.7°

4.1 4

MC4539: Chain of Custody
Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: MC4539 **Client:** SHAW **Immediate Client Services Action Required:** No

Date / Time Received: 10/12/2011 **Delivery Method:** **Client Service Action Required at Login:** No

Project: KITTERY ME SITE 30 **No. Coolers:** 1 **Airbill #'s:**

Cooler Security	Y	N		Y	N
1. Custody Seals Present:	☑	☐	3. COC Present:	☑	☐
2. Custody Seals Intact:	☑	☐	4. Smpl Dates/Time OK	☑	☐

Cooler Temperature	Y	N
1. Temp criteria achieved:	☑	☐
2. Cooler temp verification:	Infared gun	
3. Cooler media:	Ice (bag)	

Quality Control Preservatio	Y	N	N/A
1. Trip Blank present / cooler:	☐	☐	☑
2. Trip Blank listed on COC:	☐	☐	☑
3. Samples preserved properly:	☑	☐	
4. VOCs headspace free:	☑	☐	☐

Sample Integrity - Documentation	Y	N
1. Sample labels present on bottles:	☑	☐
2. Container labeling complete:	☑	☐
3. Sample container label / COC agree:	☑	☐

Sample Integrity - Condition	Y	N
1. Sample recvd within HT:	☑	☐
2. All containers accounted for:	☑	☐
3. Condition of sample:	Intact	

Sample Integrity - Instructions	Y	N	N/A
1. Analysis requested is clear:	☑	☐	
2. Bottles received for unspecified tests	☐	☑	
3. Sufficient volume recvd for analysis:	☑	☐	
4. Compositing instructions clear:	☐	☐	☑
5. Filtering instructions clear:	☐	☐	☑

Comments

Accutest Laboratories
V:508.481.6200

495 Technology Center West, Bldg One
F: 508.481.7753

Marlborough, MA
www/accutest.com

MC4539: Chain of Custody
Page 2 of 2

New England ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSV118-MB	V2673.D	1	10/19/11	AMY	n/a	n/a	MSV118

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4539-1, MC4539-2

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	5.0	5.0	ug/kg	
71-43-2	Benzene	ND	0.50	0.13	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.21	ug/kg	
75-25-2	Bromoform	ND	2.0	0.47	ug/kg	
74-83-9	Bromomethane	ND	2.0	0.68	ug/kg	
78-93-3	2-Butanone (MEK)	ND	5.0	1.2	ug/kg	
75-15-0	Carbon disulfide	ND	5.0	0.97	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.22	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.094	ug/kg	
75-00-3	Chloroethane	ND	5.0	0.26	ug/kg	
67-66-3	Chloroform	ND	2.0	0.15	ug/kg	
74-87-3	Chloromethane	ND	5.0	0.22	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.65	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.0	0.15	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.0	0.15	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.0	0.32	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	0.27	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	0.25	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.23	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	1.0	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.68	ug/kg	
100-41-4	Ethylbenzene	ND	2.0	0.13	ug/kg	
591-78-6	2-Hexanone	ND	5.0	1.0	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	0.84	ug/kg	
75-09-2	Methylene chloride	ND	2.0	0.36	ug/kg	
100-42-5	Styrene	ND	5.0	0.50	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.18	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.17	ug/kg	
108-88-3	Toluene	ND	5.0	0.18	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.18	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.25	ug/kg	
79-01-6	Trichloroethene	ND	2.0	0.20	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.64	ug/kg	
1330-20-7	Xylene (total)	ND	2.0	0.13	ug/kg	

Method Blank Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSV118-MB	V2673.D	1	10/19/11	AMY	n/a	n/a	MSV118

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4539-1, MC4539-2

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	105%	70-130%
2037-26-5	Toluene-D8	105%	70-130%
460-00-4	4-Bromofluorobenzene	99%	70-130%

Method Blank Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSN2114-MB	N56343.D	1	10/19/11	EK	n/a	n/a	MSN2114

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4539-1A, MC4539-2A

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.50	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.7	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.58	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.58	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.42	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.44	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.80	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.36	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.75	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.82	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	88%	70-130%
2037-26-5	Toluene-D8	96%	70-130%
460-00-4	4-Bromofluorobenzene	88%	70-130%

Method Blank Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSN2112-MB	N56294.D	1	10/18/11	EK	n/a	n/a	MSN2112

The QC reported here applies to the following samples: **Method:** SW846 8260B

GP13647-LB1, GP13647-LS1, GP13647-LS2

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.50	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.7	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.58	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.58	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.42	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.44	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.80	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.36	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.75	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.82	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	91%	70-130%
2037-26-5	Toluene-D8	97%	70-130%
460-00-4	4-Bromofluorobenzene	91%	70-130%

Method Blank Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSN2114-MB1	N56386.D	1	10/20/11	EK	n/a	n/a	MSN2114

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4401-1MSD

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.50	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.7	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.58	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.58	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.42	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.44	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.80	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.36	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.75	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.82	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	89%	70-130%
2037-26-5	Toluene-D8	96%	70-130%
460-00-4	4-Bromofluorobenzene	87%	70-130%

Leachate Blank Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GP13647-LB1	N56304.D	10	10/18/11	EK	10/13/11	GP13647	MSN2112

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4539-1A, MC4539-2A

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	4.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	50	27	ug/l	
56-23-5	Carbon tetrachloride	ND	20	5.8	ug/l	
108-90-7	Chlorobenzene	ND	20	4.4	ug/l	
67-66-3	Chloroform	ND	20	5.8	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	20	4.2	ug/l	
107-06-2	1,2-Dichloroethane	ND	20	4.4	ug/l	
75-35-4	1,1-Dichloroethene	ND	20	8.0	ug/l	
127-18-4	Tetrachloroethene	ND	20	3.6	ug/l	
79-01-6	Trichloroethene	ND	20	7.5	ug/l	
75-01-4	Vinyl chloride	ND	20	8.2	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	88%	70-130%
2037-26-5	Toluene-D8	98%	70-130%
460-00-4	4-Bromofluorobenzene	89%	70-130%

Blank Spike Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSV118-BS	V2672.D	1	10/19/11	AMY	n/a	n/a	MSV118

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4539-1, MC4539-2

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	50	66.9	134* [a]	70-130
71-43-2	Benzene	50	54.3	109	70-130
75-27-4	Bromodichloromethane	50	52.4	105	70-130
75-25-2	Bromoform	50	54.9	110	70-130
74-83-9	Bromomethane	50	53.3	107	70-130
78-93-3	2-Butanone (MEK)	50	68.9	138* [a]	70-130
75-15-0	Carbon disulfide	50	48.7	97	70-130
56-23-5	Carbon tetrachloride	50	51.8	104	70-130
108-90-7	Chlorobenzene	50	51.0	102	70-130
75-00-3	Chloroethane	50	54.9	110	70-130
67-66-3	Chloroform	50	54.0	108	70-130
74-87-3	Chloromethane	50	49.5	99	70-130
124-48-1	Dibromochloromethane	50	53.7	107	70-130
75-34-3	1,1-Dichloroethane	50	54.1	108	70-130
107-06-2	1,2-Dichloroethane	50	59.4	119	70-130
75-35-4	1,1-Dichloroethene	50	56.2	112	70-130
156-59-2	cis-1,2-Dichloroethene	50	54.4	109	70-130
156-60-5	trans-1,2-Dichloroethene	50	53.7	107	70-130
78-87-5	1,2-Dichloropropane	50	56.2	112	70-130
10061-01-5	cis-1,3-Dichloropropene	50	52.0	104	70-130
10061-02-6	trans-1,3-Dichloropropene	50	58.1	116	70-130
100-41-4	Ethylbenzene	50	53.6	107	70-130
591-78-6	2-Hexanone	50	75.4	151* [a]	70-130
108-10-1	4-Methyl-2-pentanone (MIBK)	50	77.0	154* [a]	70-130
75-09-2	Methylene chloride	50	53.0	106	70-130
100-42-5	Styrene	50	49.4	99	70-130
79-34-5	1,1,2,2-Tetrachloroethane	50	64.8	130	70-130
127-18-4	Tetrachloroethene	50	51.8	104	70-130
108-88-3	Toluene	50	55.1	110	70-130
71-55-6	1,1,1-Trichloroethane	50	56.7	113	70-130
79-00-5	1,1,2-Trichloroethane	50	62.6	125	70-130
79-01-6	Trichloroethene	50	55.1	110	70-130
75-01-4	Vinyl chloride	50	44.3	89	70-130
1330-20-7	Xylene (total)	150	157	105	70-130

Blank Spike Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSV118-BS	V2672.D	1	10/19/11	AMY	n/a	n/a	MSV118

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4539-1, MC4539-2

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	102%	70-130%
2037-26-5	Toluene-D8	103%	70-130%
460-00-4	4-Bromofluorobenzene	97%	70-130%

(a) Outside control limits. Blank Spike meets program technical requirements.

Blank Spike/Blank Spike Duplicate Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSN2114-BS	N56340.D	1	10/19/11	EK	n/a	n/a	MSN2114
MSN2114-BSD	N56341.D	1	10/19/11	EK	n/a	n/a	MSN2114

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4539-1A, MC4539-2A

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	50	45.1	90	43.2	86	4	70-130/25
78-93-3	2-Butanone (MEK)	50	50.6	101	52.7	105	4	70-130/25
56-23-5	Carbon tetrachloride	50	54.2	108	52.4	105	3	70-130/25
108-90-7	Chlorobenzene	50	50.6	101	48.4	97	4	70-130/25
67-66-3	Chloroform	50	43.3	87	42.0	84	3	70-130/25
106-46-7	1,4-Dichlorobenzene	50	47.7	95	46.1	92	3	70-130/25
107-06-2	1,2-Dichloroethane	50	42.8	86	41.5	83	3	70-130/25
75-35-4	1,1-Dichloroethene	50	48.2	96	47.8	96	1	70-130/25
127-18-4	Tetrachloroethene	50	51.9	104	48.9	98	6	70-130/25
79-01-6	Trichloroethene	50	47.1	94	45.0	90	5	70-130/25
75-01-4	Vinyl chloride	50	35.8	72	34.8	70	3	70-130/25

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	89%	88%	70-130%
2037-26-5	Toluene-D8	97%	96%	70-130%
460-00-4	4-Bromofluorobenzene	86%	85%	70-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC4540-1MS	V2680.D	1	10/19/11	AMY	n/a	n/a	MSV118
MC4540-1MSD	V2681.D	1	10/19/11	AMY	n/a	n/a	MSV118
MC4540-1	V2677.D	1	10/19/11	AMY	n/a	n/a	MSV118

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4539-1, MC4539-2

CAS No.	Compound	MC4540-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	3.9		67.7	95.4	135* [a]	98.2	130	3	70-130/30
71-43-2	Benzene	ND		67.7	77.1	114	79.6	110	3	70-130/30
75-27-4	Bromodichloromethane	ND		67.7	74.6	110	76.5	105	3	70-130/30
75-25-2	Bromoform	ND		67.7	72.3	107	75.3	104	4	70-130/30
74-83-9	Bromomethane	ND		67.7	73.9	109	77.3	107	4	70-130/30
78-93-3	2-Butanone (MEK)	ND		67.7	89.7	133* [a]	92.7	128	3	70-130/30
75-15-0	Carbon disulfide	1.1		67.7	69.3	101	72.3	98	4	70-130/30
56-23-5	Carbon tetrachloride	ND		67.7	73.8	109	76.9	106	4	70-130/30
108-90-7	Chlorobenzene	ND		67.7	73.2	108	76.9	106	5	70-130/30
75-00-3	Chloroethane	ND		67.7	76.9	114	80.6	111	5	70-130/30
67-66-3	Chloroform	ND		67.7	77.6	115	80.2	111	3	70-130/30
74-87-3	Chloromethane	ND		67.7	65.4	97	68.8	95	5	70-130/30
124-48-1	Dibromochloromethane	ND		67.7	73.7	109	77.2	106	5	70-130/30
75-34-3	1,1-Dichloroethane	ND		67.7	77.2	114	81.3	112	5	70-130/30
107-06-2	1,2-Dichloroethane	ND		67.7	82.7	122	84.5	117	2	70-130/30
75-35-4	1,1-Dichloroethene	ND		67.7	80.0	118	84.3	116	5	70-130/30
156-59-2	cis-1,2-Dichloroethene	ND		67.7	76.2	113	79.4	109	4	70-130/30
156-60-5	trans-1,2-Dichloroethene	ND		67.7	77.1	114	80.3	111	4	70-130/30
78-87-5	1,2-Dichloropropane	ND		67.7	78.5	116	81.7	113	4	70-130/30
10061-01-5	cis-1,3-Dichloropropene	ND		67.7	71.0	105	73.7	102	4	70-130/30
10061-02-6	trans-1,3-Dichloropropene	ND		67.7	79.8	118	82.5	114	3	70-130/30
100-41-4	Ethylbenzene	ND		67.7	77.4	114	81.5	112	5	70-130/30
591-78-6	2-Hexanone	ND		67.7	99.3	147* [a]	103	142* [a]	4	70-130/30
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		67.7	100	148* [a]	104	143* [a]	4	70-130/30
75-09-2	Methylene chloride	ND		67.7	74.3	110	77.5	107	4	70-130/30
100-42-5	Styrene	ND		67.7	69.3	102	70.6	97	2	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	ND		67.7	86.4	128	90.5	125	5	70-130/30
127-18-4	Tetrachloroethene	ND		67.7	73.9	109	78.0	108	5	70-130/30
108-88-3	Toluene	ND		67.7	77.6	115	80.8	111	4	70-130/30
71-55-6	1,1,1-Trichloroethane	ND		67.7	79.8	118	84.6	117	6	70-130/30
79-00-5	1,1,2-Trichloroethane	ND		67.7	85.7	127	87.8	121	2	70-130/30
79-01-6	Trichloroethene	ND		67.7	78.6	116	82.0	113	4	70-130/30
75-01-4	Vinyl chloride	ND		67.7	60.4	89	62.9	87	4	70-130/30
1330-20-7	Xylene (total)	ND		203	226	111	236	108	4	70-130/30

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC4540-1MS	V2680.D	1	10/19/11	AMY	n/a	n/a	MSV118
MC4540-1MSD	V2681.D	1	10/19/11	AMY	n/a	n/a	MSV118
MC4540-1	V2677.D	1	10/19/11	AMY	n/a	n/a	MSV118

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4539-1, MC4539-2

CAS No.	Surrogate Recoveries	MS	MSD	MC4540-1	Limits
1868-53-7	Dibromofluoromethane	104%	108%	107%	70-130%
2037-26-5	Toluene-D8	102%	106%	104%	70-130%
460-00-4	4-Bromofluorobenzene	95%	101%	97%	70-130%

(a) Outside control limits due to possible matrix interference. Refer to Blank Spike.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC4401-1MS	N56362.D	5	10/19/11	EK	n/a	n/a	MSN2114
MC4401-1MSD	N56387.D	5	10/20/11	EK	n/a	n/a	MSN2114
MC4401-1	N56350.D	1	10/19/11	EK	n/a	n/a	MSN2114

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4539-1A, MC4539-2A

CAS No.	Compound	MC4401-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		250	222	89	119	48* [a]	60* [b]	70-130/30
78-93-3	2-Butanone (MEK)	ND		250	202	81	177	71	13	70-130/30
56-23-5	Carbon tetrachloride	ND		250	235	94	97.6	39* [a]	83* [b]	70-130/30
108-90-7	Chlorobenzene	ND		250	243	97	124	50* [a]	65* [b]	70-130/30
67-66-3	Chloroform	ND		250	219	88	129	52* [a]	52* [b]	70-130/30
106-46-7	1,4-Dichlorobenzene	ND		250	227	91	109	44* [a]	70* [b]	70-130/30
107-06-2	1,2-Dichloroethane	ND		250	215	86	147	59* [a]	38* [b]	70-130/30
75-35-4	1,1-Dichloroethene	ND		250	246	98	101	40* [a]	84* [b]	70-130/30
127-18-4	Tetrachloroethene	ND		250	248	99	103	41* [a]	83* [b]	70-130/30
79-01-6	Trichloroethene	ND		250	232	93	110	44* [a]	71* [b]	70-130/30
75-01-4	Vinyl chloride	ND		250	167	67* [a]	65.6	26* [a]	87* [b]	70-130/30

CAS No.	Surrogate Recoveries	MS	MSD	MC4401-1	Limits
1868-53-7	Dibromofluoromethane	89%	90%	86%	70-130%
2037-26-5	Toluene-D8	97%	97%	96%	70-130%
460-00-4	4-Bromofluorobenzene	87%	87%	86%	70-130%

(a) Outside control limits due to possible matrix interference. Refer to Blank Spike.
(b) High RPD due to possible matrix interference and/or sample non-homogeneity.

Leachate Spike Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GP13647-LS1	N56307.D	100	10/18/11	EK	10/13/11	GP13647	MSN2112
MC4497-1	N56306.D	100	10/18/11	EK	10/13/11	GP13647	MSN2112

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4539-1A, MC4539-2A

CAS No.	Compound	MC4497-1 ug/l	Q	Spike ug/l	LS ug/l	LS %	Limits
71-43-2	Benzene	50 U		5000	4530	91	70-130
78-93-3	2-Butanone (MEK)	500 U		5000	4340	87	70-130
56-23-5	Carbon tetrachloride	100 U		5000	5130	103	70-130
108-90-7	Chlorobenzene	100 U		5000	4760	95	70-130
67-66-3	Chloroform	100 U		5000	4330	87	70-130
106-46-7	1,4-Dichlorobenzene	100 U		5000	4380	88	70-130
107-06-2	1,2-Dichloroethane	100 U		5000	4450	89	70-130
75-35-4	1,1-Dichloroethene	100 U		5000	4730	95	70-130
127-18-4	Tetrachloroethene	100 U		5000	4510	90	70-130
79-01-6	Trichloroethene	100 U		5000	4610	92	70-130
75-01-4	Vinyl chloride	100 U		5000	3370	67* [a]	70-130

CAS No.	Surrogate Recoveries	LS	MC4497-1	Limits
1868-53-7	Dibromofluoromethane	90%	90%	70-130%
2037-26-5	Toluene-D8	98%	99%	70-130%
460-00-4	4-Bromofluorobenzene	86%	88%	70-130%

(a) Outside control limits due to possible matrix interference. Refer to Blank Spike.

Leachate Spike Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GP13647-LS2	N56308.D	100	10/18/11	EK	10/13/11	GP13647	MSN2112
MC4465-1	N56305.D	100	10/18/11	EK	10/13/11	GP13647	MSN2112

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4539-1A, MC4539-2A

CAS No.	Compound	MC4465-1 ug/l	Q	Spike ug/l	LS ug/l	LS %	Limits
71-43-2	Benzene	ND		5000	4170	83	70-130
78-93-3	2-Butanone (MEK)	ND		5000	4110	82	70-130
56-23-5	Carbon tetrachloride	ND		5000	4790	96	70-130
108-90-7	Chlorobenzene	ND		5000	4680	94	70-130
67-66-3	Chloroform	ND		5000	4090	82	70-130
106-46-7	1,4-Dichlorobenzene	ND		5000	4340	87	70-130
107-06-2	1,2-Dichloroethane	ND		5000	4110	82	70-130
75-35-4	1,1-Dichloroethene	ND		5000	4410	88	70-130
127-18-4	Tetrachloroethene	ND		5000	4550	91	70-130
79-01-6	Trichloroethene	ND		5000	4290	86	70-130
75-01-4	Vinyl chloride	ND		5000	3150	63* [a]	70-130

CAS No.	Surrogate Recoveries	LS	MC4465-1	Limits
1868-53-7	Dibromofluoromethane	90%	89%	70-130%
2037-26-5	Toluene-D8	97%	97%	70-130%
460-00-4	4-Bromofluorobenzene	87%	88%	70-130%

(a) Outside control limits due to possible matrix interference. Refer to Blank Spike.

Volatile Surrogate Recovery Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Method: SW846 8260B **Matrix:** LEACHATE

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3
MC4539-1A	N56348.D	87.0	95.0	86.0
MC4539-2A	N56349.D	88.0	97.0	87.0
GP13647-LB1	N56304.D	88.0	98.0	89.0
GP13647-LS1	N56307.D	90.0	98.0	86.0
GP13647-LS2	N56308.D	90.0	97.0	87.0
MC4401-1MS	N56362.D	89.0	97.0	87.0
MC4401-1MSD	N56387.D	90.0	97.0	87.0
MSN2114-BS	N56340.D	89.0	97.0	86.0
MSN2114-BSD	N56341.D	88.0	96.0	85.0
MSN2114-MB	N56343.D	88.0	96.0	88.0
MSN2112-MB	N56294.D	91.0	97.0	91.0
MSN2114-MB1	N56386.D	89.0	96.0	87.0

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	70-130%
S2 = Toluene-D8	70-130%
S3 = 4-Bromofluorobenzene	70-130%

Volatile Surrogate Recovery Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Method: SW846 8260B **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3
MC4539-1	V2675.D	105.0	102.0	100.0
MC4539-2	V2676.D	104.0	99.0	98.0
MC4540-1MS	V2680.D	104.0	102.0	95.0
MC4540-1MSD	V2681.D	108.0	106.0	101.0
MSV118-BS	V2672.D	102.0	103.0	97.0
MSV118-MB	V2673.D	105.0	105.0	99.0

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	70-130%
S2 = Toluene-D8	70-130%
S3 = 4-Bromofluorobenzene	70-130%

New England ACCUTEST LABORATORIES

GC/MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26653-MB	U2890.D	1	10/20/11	KR	10/19/11	OP26653	MSU177

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4539-1, MC4539-2

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	250	13	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	490	17	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	490	29	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	490	49	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	990	250	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	490	250	ug/kg	
95-48-7	2-Methylphenol	ND	490	14	ug/kg	
	3&4-Methylphenol	ND	490	26	ug/kg	
88-75-5	2-Nitrophenol	ND	490	30	ug/kg	
100-02-7	4-Nitrophenol	ND	990	250	ug/kg	
87-86-5	Pentachlorophenol	ND	490	46	ug/kg	
108-95-2	Phenol	ND	250	41	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	490	37	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	490	34	ug/kg	
83-32-9	Acenaphthene	ND	250	21	ug/kg	
208-96-8	Acenaphthylene	ND	250	18	ug/kg	
120-12-7	Anthracene	ND	250	19	ug/kg	
56-55-3	Benzo(a)anthracene	ND	250	9.1	ug/kg	
50-32-8	Benzo(a)pyrene	ND	250	15	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	250	29	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	250	16	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	250	7.3	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	250	20	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	250	11	ug/kg	
91-58-7	2-Chloronaphthalene	ND	250	21	ug/kg	
106-47-8	4-Chloroaniline	ND	490	120	ug/kg	
86-74-8	Carbazole	ND	250	19	ug/kg	
218-01-9	Chrysene	ND	250	8.0	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	250	19	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	250	5.3	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	250	23	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	250	22	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	250	20	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	250	20	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	250	20	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	490	120	ug/kg	

Method Blank Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26653-MB	U2890.D	1	10/20/11	KR	10/19/11	OP26653	MSU177

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4539-1, MC4539-2

CAS No.	Compound	Result	RL	MDL	Units	Q
606-20-2	2,6-Dinitrotoluene	ND	490	24	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	250	5.9	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	250	16	ug/kg	
132-64-9	Dibenzofuran	ND	250	21	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	250	22	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	250	13	ug/kg	
84-66-2	Diethyl phthalate	ND	250	21	ug/kg	
131-11-3	Dimethyl phthalate	ND	250	17	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	250	17	ug/kg	
206-44-0	Fluoranthene	ND	250	8.4	ug/kg	
86-73-7	Fluorene	ND	250	5.4	ug/kg	
118-74-1	Hexachlorobenzene	ND	250	21	ug/kg	
87-68-3	Hexachlorobutadiene	ND	250	19	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	490	3.3	ug/kg	
67-72-1	Hexachloroethane	ND	250	20	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	250	15	ug/kg	
78-59-1	Isophorone	ND	250	24	ug/kg	
91-57-6	2-Methylnaphthalene	ND	250	21	ug/kg	
88-74-4	2-Nitroaniline	ND	490	120	ug/kg	
99-09-2	3-Nitroaniline	ND	490	120	ug/kg	
100-01-6	4-Nitroaniline	ND	490	18	ug/kg	
91-20-3	Naphthalene	ND	250	5.7	ug/kg	
98-95-3	Nitrobenzene	ND	250	7.3	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	250	16	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	250	13	ug/kg	
85-01-8	Phenanthrene	ND	250	6.4	ug/kg	
129-00-0	Pyrene	ND	250	7.9	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	250	21	ug/kg	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	67%	30-130%
4165-62-2	Phenol-d5	66%	30-130%
118-79-6	2,4,6-Tribromophenol	94%	30-130%
4165-60-0	Nitrobenzene-d5	66%	30-130%

Method Blank Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26653-MB	U2890.D	1	10/20/11	KR	10/19/11	OP26653	MSU177

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4539-1, MC4539-2

CAS No.	Surrogate Recoveries		Limits
321-60-8	2-Fluorobiphenyl	75%	30-130%
1718-51-0	Terphenyl-d14	104%	30-130%

Method Blank Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26652-MB	U2912.D	1	10/21/11	KR	10/19/11	OP26652	MSU178

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4539-1A, MC4539-2A

CAS No.	Compound	Result	RL	MDL	Units	Q
95-48-7	2-Methylphenol	ND	100	6.0	ug/l	
	3&4-Methylphenol	ND	100	7.5	ug/l	
87-86-5	Pentachlorophenol	ND	100	6.4	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	100	4.9	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	100	3.5	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	50	2.1	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	100	20	ug/l	
118-74-1	Hexachlorobenzene	ND	50	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	50	3.3	ug/l	
67-72-1	Hexachloroethane	ND	50	20	ug/l	
98-95-3	Nitrobenzene	ND	50	2.4	ug/l	
110-86-1	Pyridine	ND	100	50	ug/l	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	75%	15-110%
4165-62-2	Phenol-d5	68%	15-110%
118-79-6	2,4,6-Tribromophenol	98%	15-110%
4165-60-0	Nitrobenzene-d5	74%	30-130%
321-60-8	2-Fluorobiphenyl	93%	30-130%
1718-51-0	Terphenyl-d14	109%	30-130%

Blank Spike Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26653-BS	U2891.D	1	10/20/11	KR	10/19/11	OP26653	MSU177

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4539-1, MC4539-2

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
95-57-8	2-Chlorophenol	4950	2720	55	30-130
59-50-7	4-Chloro-3-methyl phenol	4950	3330	67	30-130
120-83-2	2,4-Dichlorophenol	4950	3440	70	30-130
105-67-9	2,4-Dimethylphenol	4950	2970	60	30-130
51-28-5	2,4-Dinitrophenol	4950	3120	63	30-130
534-52-1	4,6-Dinitro-o-cresol	4950	4130	83	30-130
95-48-7	2-Methylphenol	4950	2810	57	30-130
	3&4-Methylphenol	9900	5730	58	30-130
88-75-5	2-Nitrophenol	4950	3270	66	30-130
100-02-7	4-Nitrophenol	4950	2940	59	30-130
87-86-5	Pentachlorophenol	4950	3920	79	30-130
108-95-2	Phenol	4950	2630	53	30-130
95-95-4	2,4,5-Trichlorophenol	4950	3790	77	30-130
88-06-2	2,4,6-Trichlorophenol	4950	3680	74	30-130
83-32-9	Acenaphthene	2470	1720	70	40-140
208-96-8	Acenaphthylene	2470	1340	54	40-140
120-12-7	Anthracene	2470	1790	72	40-140
56-55-3	Benzo(a)anthracene	2470	2190	89	40-140
50-32-8	Benzo(a)pyrene	2470	1770	72	40-140
205-99-2	Benzo(b)fluoranthene	2470	2100	85	40-140
191-24-2	Benzo(g,h,i)perylene	2470	2030	82	40-140
207-08-9	Benzo(k)fluoranthene	2470	2230	90	40-140
101-55-3	4-Bromophenyl phenyl ether	2470	2180	88	40-140
85-68-7	Butyl benzyl phthalate	2470	1950	79	40-140
91-58-7	2-Chloronaphthalene	2470	1780	72	40-140
106-47-8	4-Chloroaniline	2470	1190	48	40-140
86-74-8	Carbazole	2470	1750	71	40-140
218-01-9	Chrysene	2470	1930	78	40-140
111-91-1	bis(2-Chloroethoxy)methane	2470	1570	63	40-140
111-44-4	bis(2-Chloroethyl)ether	2470	1290	52	40-140
108-60-1	bis(2-Chloroisopropyl)ether	2470	1420	57	40-140
7005-72-3	4-Chlorophenyl phenyl ether	2470	1960	79	40-140
95-50-1	1,2-Dichlorobenzene	2470	1490	60	40-140
541-73-1	1,3-Dichlorobenzene	2470	1410	57	40-140
106-46-7	1,4-Dichlorobenzene	2470	1440	58	40-140
121-14-2	2,4-Dinitrotoluene	2470	1920	78	40-140

Blank Spike Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26653-BS	U2891.D	1	10/20/11	KR	10/19/11	OP26653	MSU177

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4539-1, MC4539-2

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
606-20-2	2,6-Dinitrotoluene	2470	1910	77	40-140
91-94-1	3,3'-Dichlorobenzidine	2470	1690	68	40-140
53-70-3	Dibenzo(a,h)anthracene	2470	1900	77	40-140
132-64-9	Dibenzofuran	2470	1720	70	40-140
84-74-2	Di-n-butyl phthalate	2470	1790	72	40-140
117-84-0	Di-n-octyl phthalate	2470	2150	87	40-140
84-66-2	Diethyl phthalate	2470	1820	74	40-140
131-11-3	Dimethyl phthalate	2470	1910	77	40-140
117-81-7	bis(2-Ethylhexyl)phthalate	2470	1980	80	40-140
206-44-0	Fluoranthene	2470	1790	72	40-140
86-73-7	Fluorene	2470	1780	72	40-140
118-74-1	Hexachlorobenzene	2470	2150	87	40-140
87-68-3	Hexachlorobutadiene	2470	1650	67	40-140
77-47-4	Hexachlorocyclopentadiene	2470	1250	51	40-140
67-72-1	Hexachloroethane	2470	1260	51	40-140
193-39-5	Indeno(1,2,3-cd)pyrene	2470	1970	80	40-140
78-59-1	Isophorone	2470	1210	49	40-140
91-57-6	2-Methylnaphthalene	2470	1590	64	40-140
88-74-4	2-Nitroaniline	2470	1870	76	40-140
99-09-2	3-Nitroaniline	2470	1540	62	40-140
100-01-6	4-Nitroaniline	2470	1560	63	40-140
91-20-3	Naphthalene	2470	1590	64	40-140
98-95-3	Nitrobenzene	2470	1390	56	40-140
621-64-7	N-Nitroso-di-n-propylamine	2470	1460	59	40-140
86-30-6	N-Nitrosodiphenylamine	2470	1940	78	40-140
85-01-8	Phenanthrene	2470	1850	75	40-140
129-00-0	Pyrene	2470	2080	84	40-140
120-82-1	1,2,4-Trichlorobenzene	2470	1730	70	40-140

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	54%	30-130%
4165-62-2	Phenol-d5	54%	30-130%
118-79-6	2,4,6-Tribromophenol	88%	30-130%
4165-60-0	Nitrobenzene-d5	56%	30-130%

Blank Spike Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26653-BS	U2891.D	1	10/20/11	KR	10/19/11	OP26653	MSU177

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4539-1, MC4539-2

CAS No.	Surrogate Recoveries	BSP	Limits
321-60-8	2-Fluorobiphenyl	67%	30-130%
1718-51-0	Terphenyl-d14	87%	30-130%

Blank Spike Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26652-BS	U2913.D	1	10/21/11	KR	10/19/11	OP26652	MSU178

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4539-1A, MC4539-2A

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
95-48-7	2-Methylphenol	1000	837	84	30-130
	3&4-Methylphenol	2000	1680	84	30-130
87-86-5	Pentachlorophenol	1000	954	95	30-130
95-95-4	2,4,5-Trichlorophenol	1000	945	95	30-130
88-06-2	2,4,6-Trichlorophenol	1000	951	95	30-130
106-46-7	1,4-Dichlorobenzene	500	437	87	40-140
121-14-2	2,4-Dinitrotoluene	500	471	94	40-140
118-74-1	Hexachlorobenzene	500	522	104	40-140
87-68-3	Hexachlorobutadiene	500	469	94	40-140
67-72-1	Hexachloroethane	500	380	76	40-140
98-95-3	Nitrobenzene	500	387	77	40-140
110-86-1	Pyridine	500	379	76	40-140

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	80%	15-110%
4165-62-2	Phenol-d5	77%	15-110%
118-79-6	2,4,6-Tribromophenol	105%	15-110%
4165-60-0	Nitrobenzene-d5	79%	30-130%
321-60-8	2-Fluorobiphenyl	90%	30-130%
1718-51-0	Terphenyl-d14	105%	30-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26653-MS	U2892.D	1	10/20/11	KR	10/19/11	OP26653	MSU177
OP26653-MSD	U2893.D	1	10/20/11	KR	10/19/11	OP26653	MSU177
MC4509-1	U2894.D	1	10/20/11	KR	10/19/11	OP26653	MSU177

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4539-1, MC4539-2

CAS No.	Compound	MC4509-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
95-57-8	2-Chlorophenol	ND		5560	3180	57	2630	47	19	30-130/30
59-50-7	4-Chloro-3-methyl phenol	ND		5560	3920	71	3370	60	15	30-130/30
120-83-2	2,4-Dichlorophenol	ND		5560	3890	70	2780	50	33* [a]	30-130/30
105-67-9	2,4-Dimethylphenol	113		5560	3770	66	3420	59	10	30-130/30
51-28-5	2,4-Dinitrophenol	ND		5560	2890	52	1940	35	39* [a]	30-130/30
534-52-1	4,6-Dinitro-o-cresol	ND		5560	3780	68	2760	49	31* [a]	30-130/30
95-48-7	2-Methylphenol	30.0		5560	3430	61	3160	56	8	30-130/30
	3&4-Methylphenol	104		11100	7000	62	6380	56	9	30-130/30
88-75-5	2-Nitrophenol	ND		5560	3480	63	2140	38	48* [a]	30-130/30
100-02-7	4-Nitrophenol	ND		5560	2700	49	1370	24* [b]	65* [a]	30-130/30
87-86-5	Pentachlorophenol	ND		5560	2000	36	1840	33	8	30-130/30
108-95-2	Phenol	213		5560	3250	55	3010	50	8	30-130/30
95-95-4	2,4,5-Trichlorophenol	ND		5560	3870	70	2310	41	50* [a]	30-130/30
88-06-2	2,4,6-Trichlorophenol	ND		5560	2980	54	1660	30	57* [a]	30-130/30
83-32-9	Acenaphthene	24.9		2780	1930	69	1800	63	7	40-140/30
208-96-8	Acenaphthylene	62.7		2780	1530	53	1430	49	7	40-140/30
120-12-7	Anthracene	84.3		2780	2040	70	1890	64	8	40-140/30
56-55-3	Benzo(a)anthracene	311		2780	2570	81	2470	77	4	40-140/30
50-32-8	Benzo(a)pyrene	440		2780	2300	67	2020	56	13	40-140/30
205-99-2	Benzo(b)fluoranthene	434		2780	3520	111	2370	69	39* [a]	40-140/30
191-24-2	Benzo(g,h,i)perylene	147		2780	575	15* [b]	1170	37* [b]	68* [a]	40-140/30
207-08-9	Benzo(k)fluoranthene	319		2780	2420	76	2010	60	19	40-140/30
101-55-3	4-Bromophenyl phenyl ether	ND		2780	2330	84	2210	79	5	40-140/30
85-68-7	Butyl benzyl phthalate	ND		2780	1540	55	1570	56	2	40-140/30
91-58-7	2-Chloronaphthalene	ND		2780	1960	71	1870	67	5	40-140/30
106-47-8	4-Chloroaniline	ND		2780	902	32* [b]	768	27* [b]	16	40-140/30
86-74-8	Carbazole	39.7		2780	2040	72	1840	64	10	40-140/30
218-01-9	Chrysene	370		2780	2400	73	2250	67	6	40-140/30
111-91-1	bis(2-Chloroethoxy)methane	ND		2780	1800	65	1630	58	10	40-140/30
111-44-4	bis(2-Chloroethyl)ether	ND		2780	1580	57	1390	50	13	40-140/30
108-60-1	bis(2-Chloroisopropyl)ether	ND		2780	1660	60	1510	54	9	40-140/30
7005-72-3	4-Chlorophenyl phenyl ether	ND		2780	2300	83	2080	74	10	40-140/30
95-50-1	1,2-Dichlorobenzene	ND		2780	1680	60	1640	59	2	40-140/30
541-73-1	1,3-Dichlorobenzene	ND		2780	1600	58	1560	56	3	40-140/30
106-46-7	1,4-Dichlorobenzene	ND		2780	1650	59	1580	56	4	40-140/30
121-14-2	2,4-Dinitrotoluene	ND		2780	2180	78	1970	70	10	40-140/30

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26653-MS	U2892.D	1	10/20/11	KR	10/19/11	OP26653	MSU177
OP26653-MSD	U2893.D	1	10/20/11	KR	10/19/11	OP26653	MSU177
MC4509-1	U2894.D	1	10/20/11	KR	10/19/11	OP26653	MSU177

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4539-1, MC4539-2

CAS No.	Compound	MC4509-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
606-20-2	2,6-Dinitrotoluene	ND		2780	2230	80	2010	72	10	40-140/30
91-94-1	3,3'-Dichlorobenzidine	ND		2780	228	8* b	489	17* b	73* a	40-140/30
53-70-3	Dibenzo(a,h)anthracene	81.4		2780	717	23* b	1320	44	59* a	40-140/30
132-64-9	Dibenzofuran	47.8		2780	1990	70	1860	65	7	40-140/30
84-74-2	Di-n-butyl phthalate	ND		2780	2050	74	1790	64	14	40-140/30
117-84-0	Di-n-octyl phthalate	ND		2780	2240	81	1540	55	37* a	40-140/30
84-66-2	Diethyl phthalate	ND		2780	2080	75	1860	66	11	40-140/30
131-11-3	Dimethyl phthalate	ND		2780	2090	75	1960	70	6	40-140/30
117-81-7	bis(2-Ethylhexyl)phthalate	ND		2780	2390	86	2120	76	12	40-140/30
206-44-0	Fluoranthene	427		2780	2680	81	2390	70	11	40-140/30
86-73-7	Fluorene	74.2		2780	2090	73	1890	65	10	40-140/30
118-74-1	Hexachlorobenzene	ND		2780	2160	78	2020	72	7	40-140/30
87-68-3	Hexachlorobutadiene	ND		2780	1890	68	1860	66	2	40-140/30
77-47-4	Hexachlorocyclopentadiene	ND		2780	ND	0* b	ND	0* b	nc	40-140/30
67-72-1	Hexachloroethane	ND		2780	1530	55	1400	50	9	40-140/30
193-39-5	Indeno(1,2,3-cd)pyrene	180		2780	610	15* b	1500	47	84* a	40-140/30
78-59-1	Isophorone	ND		2780	1340	48	1230	44	9	40-140/30
91-57-6	2-Methylnaphthalene	91.1		2780	1950	67	1780	60	9	40-140/30
88-74-4	2-Nitroaniline	ND		2780	2130	77	2030	72	5	40-140/30
99-09-2	3-Nitroaniline	ND		2780	1020	37* b	1080	39* b	6	40-140/30
100-01-6	4-Nitroaniline	ND		2780	1130	41	1370	49	19	40-140/30
91-20-3	Naphthalene	78.0		2780	2010	70	1860	64	8	40-140/30
98-95-3	Nitrobenzene	ND		2780	1570	57	1480	53	6	40-140/30
621-64-7	N-Nitroso-di-n-propylamine	ND		2780	1770	64	1600	57	10	40-140/30
86-30-6	N-Nitrosodiphenylamine	ND		2780	2010	72	1950	70	3	40-140/30
85-01-8	Phenanthrene	292		2780	2410	76	2150	66	11	40-140/30
129-00-0	Pyrene	522		2780	2310	64	2030	54	13	40-140/30
120-82-1	1,2,4-Trichlorobenzene	ND		2780	1970	71	1900	68	4	40-140/30

CAS No.	Surrogate Recoveries	MS	MSD	MC4509-1	Limits
367-12-4	2-Fluorophenol	56%	46%		30-130%
4165-62-2	Phenol-d5	58%	52%		30-130%
118-79-6	2,4,6-Tribromophenol	58%	34%		30-130%
4165-60-0	Nitrobenzene-d5	57%	53%	54%	30-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26653-MS	U2892.D	1	10/20/11	KR	10/19/11	OP26653	MSU177
OP26653-MSD	U2893.D	1	10/20/11	KR	10/19/11	OP26653	MSU177
MC4509-1	U2894.D	1	10/20/11	KR	10/19/11	OP26653	MSU177

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4539-1, MC4539-2

CAS No.	Surrogate Recoveries	MS	MSD	MC4509-1	Limits
321-60-8	2-Fluorobiphenyl	66%	65%	66%	30-130%
1718-51-0	Terphenyl-d14	66%	58%	59%	30-130%

(a) High RPD due to possible matrix interference and/or sample non-homogeneity.
(b) Outside control limits due to possible matrix interference. Refer to Blank Spike.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26652-MS	U2914.D	1	10/21/11	KR	10/19/11	OP26652	MSU178
OP26652-MSD	U2915.D	1	10/21/11	KR	10/19/11	OP26652	MSU178
MC4292-4A	U2919.D	1	10/21/11	KR	10/19/11	OP26652	MSU178

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4539-1A, MC4539-2A

CAS No.	Compound	MC4292-4A ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
95-48-7	2-Methylphenol	ND		1000	820	82	820	82	0	30-130/20
	3&4-Methylphenol	ND		2000	1610	81	1600	80	1	30-130/20
87-86-5	Pentachlorophenol	ND		1000	957	96	962	96	1	30-130/20
95-95-4	2,4,5-Trichlorophenol	ND		1000	996	100	963	96	3	30-130/20
88-06-2	2,4,6-Trichlorophenol	ND		1000	964	96	971	97	1	30-130/20
106-46-7	1,4-Dichlorobenzene	ND		500	441	88	439	88	0	40-140/20
121-14-2	2,4-Dinitrotoluene	ND		500	475	95	459	92	3	40-140/20
118-74-1	Hexachlorobenzene	ND		500	532	106	536	107	1	40-140/20
87-68-3	Hexachlorobutadiene	ND		500	472	94	476	95	1	40-140/20
67-72-1	Hexachloroethane	ND		500	383	77	384	77	0	40-140/20
98-95-3	Nitrobenzene	ND		500	389	78	399	80	3	40-140/20
110-86-1	Pyridine	ND		500	363	73	380	76	5	40-140/20

CAS No.	Surrogate Recoveries	MS	MSD	MC4292-4A	Limits
367-12-4	2-Fluorophenol	80%	79%	75%	15-110%
4165-62-2	Phenol-d5	75%	74%	70%	15-110%
118-79-6	2,4,6-Tribromophenol	109%	109%	100%	15-110%
4165-60-0	Nitrobenzene-d5	80%	80%	76%	30-130%
321-60-8	2-Fluorobiphenyl	93%	93%	88%	30-130%
1718-51-0	Terphenyl-d14	104%	101%	99%	30-130%

Semivolatile Surrogate Recovery Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Method: SW846 8270C **Matrix:** LEACHATE

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4	S5	S6
MC4539-1A	U2922.D	82.0	78.0	105.0	84.0	92.0	108.0
MC4539-2A	U2923.D	79.0	74.0	102.0	81.0	91.0	104.0
OP26652-BS	U2913.D	80.0	77.0	105.0	79.0	90.0	105.0
OP26652-MB	U2912.D	75.0	68.0	98.0	74.0	93.0	109.0
OP26652-MS	U2914.D	80.0	75.0	109.0	80.0	93.0	104.0
OP26652-MSD	U2915.D	79.0	74.0	109.0	80.0	93.0	101.0

Surrogate Compounds	Recovery Limits
S1 = 2-Fluorophenol	15-110%
S2 = Phenol-d5	15-110%
S3 = 2,4,6-Tribromophenol	15-110%
S4 = Nitrobenzene-d5	30-130%
S5 = 2-Fluorobiphenyl	30-130%
S6 = Terphenyl-d14	30-130%

Semivolatile Surrogate Recovery Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Method: SW846 8270C **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4	S5	S6
MC4539-1	U2904.D	52.0	49.0	75.0	54.0	67.0	72.0
MC4539-2	U2905.D	53.0	49.0	69.0	57.0	72.0	73.0
OP26653-BS	U2891.D	54.0	54.0	88.0	56.0	67.0	87.0
OP26653-MB	U2890.D	67.0	66.0	94.0	66.0	75.0	104.0
OP26653-MS	U2892.D	56.0	58.0	58.0	57.0	66.0	66.0
OP26653-MSD	U2893.D	46.0	52.0	34.0	53.0	65.0	58.0

Surrogate Compounds	Recovery Limits
S1 = 2-Fluorophenol	30-130%
S2 = Phenol-d5	30-130%
S3 = 2,4,6-Tribromophenol	30-130%
S4 = Nitrobenzene-d5	30-130%
S5 = 2-Fluorobiphenyl	30-130%
S6 = Terphenyl-d14	30-130%

New England ACCUTEST LABORATORIES

GC Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GBH1350-MB	BH24557.D	1	10/14/11	WS	n/a	n/a	GBH1350

The QC reported here applies to the following samples: **Method:** SW846 8015

MC4539-1, MC4539-2

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (VOA)	ND	5.0	0.95	mg/kg	

CAS No.	Surrogate Recoveries		Limits
615-59-8	2,5-Dibromotoluene	87%	36-148%

Blank Spike Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GBH1350-BSP	BH24558.D	1	10/14/11	WS	n/a	n/a	GBH1350

The QC reported here applies to the following samples: **Method:** SW846 8015

MC4539-1, MC4539-2

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-GRO (VOA)	20	20.2	101	67-133

CAS No.	Surrogate Recoveries	BSP	Limits
615-59-8	2,5-Dibromotoluene	84%	36-148%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC4561-1MS	BH24564.D	1	10/14/11	WS	n/a	n/a	GBH1350
MC4561-1MSD	BH24565.D	1	10/14/11	WS	n/a	n/a	GBH1350
MC4561-1	BH24563.D	1	10/14/11	WS	n/a	n/a	GBH1350

The QC reported here applies to the following samples: **Method:** SW846 8015

MC4539-1, MC4539-2

CAS No.	Compound	MC4561-1 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (VOA)	5.66		24.7	25.3	80	25.9	82	2	40-154/20

CAS No.	Surrogate Recoveries	MS	MSD	MC4561-1	Limits
615-59-8	2,5-Dibromotoluene	97%	96%	91%	36-148%

Volatile Surrogate Recovery Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Method: SW846 8015 **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]
MC4539-1	BH24567.D	89.0
MC4539-2	BH24566.D	87.0
GBH1350-BSP	BH24558.D	84.0
GBH1350-MB	BH24557.D	87.0
MC4561-1MS	BH24564.D	97.0
MC4561-1MSD	BH24565.D	96.0

Surrogate Compounds	Recovery Limits
S1 = 2,5-Dibromotoluene	36-148%

(a) Recovery from GC signal #1

New England ACCUTEST LABORATORIES

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26649-MB	BK6746.D	1	10/22/11	AP	10/19/11	OP26649	GBK281

The QC reported here applies to the following samples: **Method:** SW846 8151

MC4539-1A, MC4539-2A

CAS No.	Compound	Result	RL	MDL	Units	Q
94-75-7	2,4-D	ND	10	1.4	ug/l	
93-72-1	2,4,5-TP (Silvex)	ND	10	0.62	ug/l	

CAS No.	Surrogate Recoveries		Limits
19719-28-9	2,4-DCAA	90%	30-150%
19719-28-9	2,4-DCAA	89%	30-150%

Method Blank Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26638-MB	BK6650.D	1	10/19/11	PN	10/18/11	OP26638	GBK278

The QC reported here applies to the following samples: **Method:** SW846 8082

MC4539-1, MC4539-2

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	98	13	ug/kg	
11104-28-2	Aroclor 1221	ND	98	14	ug/kg	
11141-16-5	Aroclor 1232	ND	98	19	ug/kg	
53469-21-9	Aroclor 1242	ND	98	6.6	ug/kg	
12672-29-6	Aroclor 1248	ND	98	2.5	ug/kg	
11097-69-1	Aroclor 1254	ND	98	15	ug/kg	
11096-82-5	Aroclor 1260	ND	98	3.7	ug/kg	
1336-36-3	Total PCBs	ND	98	2.5	ug/kg	

CAS No.	Surrogate Recoveries		Limits
877-09-8	Tetrachloro-m-xylene	107%	30-150%
877-09-8	Tetrachloro-m-xylene	107%	30-150%
2051-24-3	Decachlorobiphenyl	103%	30-150%
2051-24-3	Decachlorobiphenyl	77%	30-150%

Method Blank Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26657-MB	BC55317.D	1	10/21/11	KD	10/19/11	OP26657	GBC2638

The QC reported here applies to the following samples: **Method:** SW846-8015

MC4539-1, MC4539-2

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (Semi-VOA)	ND	16	12	mg/kg	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	72%	40-140%

Leachate Blank Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26648-LB	YZ68609.D	1	10/20/11	CZ	10/19/11	OP26648	GYZ6547

The QC reported here applies to the following samples: **Method:** SW846 8081

MC4539-1A, MC4539-2A

CAS No.	Compound	Result	RL	MDL	Units	Q
58-89-9	gamma-BHC (Lindane)	ND	0.50	0.13	ug/l	
12789-03-6	Chlordane	ND	5.0	2.4	ug/l	
72-20-8	Endrin	ND	0.50	0.17	ug/l	
76-44-8	Heptachlor	ND	0.50	0.17	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.50	0.094	ug/l	
72-43-5	Methoxychlor	ND	0.50	0.20	ug/l	
8001-35-2	Toxaphene	ND	25	1.5	ug/l	

CAS No.	Surrogate Recoveries		Limits
877-09-8	Tetrachloro-m-xylene	75%	30-150%
877-09-8	Tetrachloro-m-xylene	99%	30-150%
2051-24-3	Decachlorobiphenyl	83%	30-150%
2051-24-3	Decachlorobiphenyl	79%	30-150%

Blank Spike Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26649-BS	BK6733.D	1	10/21/11	AP	10/19/11	OP26649	GBK281

The QC reported here applies to the following samples: **Method:** SW846 8151

MC4539-1A, MC4539-2A

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
94-75-7	2,4-D	10	8.6	86	40-140
93-72-1	2,4,5-TP (Silvex)	10	11.3	113	40-140

CAS No.	Surrogate Recoveries	BSP	Limits
19719-28-9	2,4-DCAA	116%	30-150%
19719-28-9	2,4-DCAA	144%	30-150%

Blank Spike Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26648-BS	YZ68610.D	1	10/20/11	CZ	10/19/11	OP26648	GYZ6547

The QC reported here applies to the following samples: **Method:** SW846 8081

MC4539-1A, MC4539-2A

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
58-89-9	gamma-BHC (Lindane)	2	2.5	125	40-140
72-20-8	Endrin	2	3.1	155* [a]	40-140
76-44-8	Heptachlor	2	2.8	140	40-140
1024-57-3	Heptachlor epoxide	2	2.9	145* [a]	40-140
72-43-5	Methoxychlor	2	3.3	165* [a]	40-140

CAS No.	Surrogate Recoveries	BSP	Limits
877-09-8	Tetrachloro-m-xylene	76%	30-150%
877-09-8	Tetrachloro-m-xylene	79%	30-150%
2051-24-3	Decachlorobiphenyl	85%	30-150%
2051-24-3	Decachlorobiphenyl	79%	30-150%

(a) Samples are non-detect for analyte.

Blank Spike/Blank Spike Duplicate Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26638-BS	BK6651.D	1	10/19/11	PN	10/18/11	OP26638	GBK278
OP26638-BSD	BK6652.D	1	10/19/11	PN	10/18/11	OP26638	GBK278

The QC reported here applies to the following samples: **Method:** SW846 8082

MC4539-1, MC4539-2

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
12674-11-2	Aroclor 1016	261	266	102	232	92	14	40-140/30
11104-28-2	Aroclor 1221		ND		ND		nc	40-140/30
11141-16-5	Aroclor 1232		ND		ND		nc	40-140/30
53469-21-9	Aroclor 1242		ND		ND		nc	40-140/30
12672-29-6	Aroclor 1248		ND		ND		nc	40-140/30
11097-69-1	Aroclor 1254		ND		ND		nc	40-140/30
11096-82-5	Aroclor 1260	261	271	104	238	95	13	40-140/30
1336-36-3	Total PCBs		538		470		13	50-150/30 [a]

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
877-09-8	Tetrachloro-m-xylene	101%	92%	30-150%
877-09-8	Tetrachloro-m-xylene	102%	98%	30-150%
2051-24-3	Decachlorobiphenyl	99%	91%	30-150%
2051-24-3	Decachlorobiphenyl	74%	67%	30-150%

(a) Advisory control limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26657-BS	BC55323.D	1	10/21/11	KD	10/19/11	OP26657	GBC2638
OP26657-BSD	BC55325.D	1	10/21/11	KD	10/19/11	OP26657	GBC2638

The QC reported here applies to the following samples: **Method:** SW846-8015

MC4539-1, MC4539-2

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	BSD mg/kg	BSD %	RPD	Limits Rec/RPD
	TPH-DRO (Semi-VOA)	35	15.8	45	23.2	64	38* [a]	45-127/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
84-15-1	o-Terphenyl	75%	78%	40-140%

(a) Range recovery satisfactory.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26649-MS	BK6739.D	1	10/21/11	AP	10/19/11	OP26649	GBK281
OP26649-MSD	BK6740.D	1	10/22/11	AP	10/19/11	OP26649	GBK281
MC4292-4A	BK6741.D	1	10/22/11	AP	10/19/11	OP26649	GBK281

The QC reported here applies to the following samples: **Method:** SW846 8151

MC4539-1A, MC4539-2A

CAS No.	Compound	MC4292-4A ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
94-75-7	2,4-D	ND		10	10.8	108	13.1	131	19	30-150/30
93-72-1	2,4,5-TP (Silvex)	ND		10	16.6	166* [a]	17.6	176* [a]	6	30-150/30

CAS No.	Surrogate Recoveries	MS	MSD	MC4292-4A	Limits
19719-28-9	2,4-DCAA	119%	131%	120%	30-150%
19719-28-9	2,4-DCAA	106%	117%	121%	30-150%

(a) Outside control limits due to possible matrix interference.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26648-MS	YZ68613.D	1	10/20/11	CZ	10/19/11	OP26648	GYZ6547
OP26648-MSD	YZ68614.D	1	10/20/11	CZ	10/19/11	OP26648	GYZ6547
MC4292-4A	YZ68615.D	1	10/20/11	CZ	10/19/11	OP26648	GYZ6547

The QC reported here applies to the following samples: **Method:** SW846 8081

MC4539-1A, MC4539-2A

CAS No.	Compound	MC4292-4A ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
58-89-9	gamma-BHC (Lindane)	ND		2	2.0	100	2.7	135	30	30-150/30
72-20-8	Endrin	ND		2	2.5	125	3.3	165* [a]	28	30-150/30
76-44-8	Heptachlor	ND		2	2.2	110	2.8	140	24	30-150/30
1024-57-3	Heptachlor epoxide	ND		2	2.5	125	3.1	155* [a]	21	30-150/30
72-43-5	Methoxychlor	ND		2	2.8	140	3.6	180* [a]	25	30-150/30

CAS No.	Surrogate Recoveries	MS	MSD	MC4292-4A	Limits
877-09-8	Tetrachloro-m-xylene	61%	82%	75%	30-150%
877-09-8	Tetrachloro-m-xylene	43%	83%	76%	30-150%
2051-24-3	Decachlorobiphenyl	39%	64%	78%	30-150%
2051-24-3	Decachlorobiphenyl	36%	59%	73%	30-150%

(a) Outside control limits due to possible matrix interference.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26638-MS	BK6653.D	1	10/19/11	PN	10/18/11	OP26638	GBK278
OP26638-MSD	BK6654.D	1	10/19/11	PN	10/18/11	OP26638	GBK278
MC4539-1	BK6655.D	1	10/19/11	PN	10/18/11	OP26638	GBK278

The QC reported here applies to the following samples: **Method:** SW846 8082

MC4539-1, MC4539-2

CAS No.	Compound	MC4539-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
12674-11-2	Aroclor 1016	110	U	278	323	116	233	82	32	40-140/50
11104-28-2	Aroclor 1221	110	U		ND		ND		nc	40-140/50
11141-16-5	Aroclor 1232	110	U		ND		ND		nc	40-140/50
53469-21-9	Aroclor 1242	110	U		ND		ND		nc	40-140/50
12672-29-6	Aroclor 1248	110	U		ND		ND		nc	40-140/50
11097-69-1	Aroclor 1254	148			316		260		19	40-140/50
11096-82-5	Aroclor 1260	110	U	278	448	161* [a]	318	112	34	40-140/50
1336-36-3	Total PCBs	148			1090		811		29	50-150/30 [b]

CAS No.	Surrogate Recoveries	MS	MSD	MC4539-1	Limits
877-09-8	Tetrachloro-m-xylene	124%	80%	99%	30-150%
877-09-8	Tetrachloro-m-xylene	130%	82%	97%	30-150%
2051-24-3	Decachlorobiphenyl	112%	78%	89%	30-150%
2051-24-3	Decachlorobiphenyl	92%	59%	66%	30-150%

(a) Outside control limits due to possible matrix interference.
(b) Advisory control limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26657-MS	BC55327.D	1	10/21/11	KD	10/19/11	OP26657	GBC2638
OP26657-MSD	BC55329.D	1	10/21/11	KD	10/19/11	OP26657	GBC2638
MC4539-1	BC55319.D	1	10/21/11	KD	10/19/11	OP26657	GBC2638

The QC reported here applies to the following samples: **Method:** SW846-8015

MC4539-1, MC4539-2

CAS No.	Compound	MC4539-1 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-DRO (Semi-VOA)	26.4		38.1	40.4	63	51.2	79	24	30-154/50

CAS No.	Surrogate Recoveries	MS	MSD	MC4539-1	Limits
84-15-1	o-Terphenyl	72%	73%	68%	40-140%

Semivolatile Surrogate Recovery Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Method: SW846 8151 **Matrix:** LEACHATE

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]	S1 [b]
MC4539-1A	BK6735.D	95.0	91.0
MC4539-2A	BK6736.D	93.0	92.0
OP26649-BS	BK6733.D	116.0	144.0
OP26649-MB	BK6746.D	90.0	89.0
OP26649-MS	BK6739.D	119.0	106.0
OP26649-MSD	BK6740.D	131.0	117.0

Surrogate Compounds	Recovery Limits
S1 = 2,4-DCAA	30-150%

(a) Recovery from GC signal #1
(b) Recovery from GC signal #2

Semivolatile Surrogate Recovery Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Method: SW846 8081 **Matrix:** LEACHATE

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]	S1 [b]	S2 [a]	S2 [b]
MC4539-1A	YZ68619.D	114.0	103.0	129.0	120.0
MC4539-2A	YZ68620.D	101.0	89.0	114.0	104.0
OP26648-BS	YZ68610.D	76.0	79.0	85.0	79.0
OP26648-LB	YZ68609.D	75.0	99.0	83.0	79.0
OP26648-MS	YZ68613.D	61.0	43.0	39.0	36.0
OP26648-MSD	YZ68614.D	82.0	83.0	64.0	59.0

Surrogate Compounds	Recovery Limits
S1 = Tetrachloro-m-xylene	30-150%
S2 = Decachlorobiphenyl	30-150%

(a) Recovery from GC signal #1
(b) Recovery from GC signal #2

Semivolatile Surrogate Recovery Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Method: SW846 8082 **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]	S1 [b]	S2 [a]	S2 [b]
MC4539-1	BK6655.D	99.0	97.0	89.0	66.0
MC4539-2	BK6665.D	88.0	87.0	79.0	62.0
OP26638-BS	BK6651.D	101.0	102.0	99.0	74.0
OP26638-BSD	BK6652.D	92.0	98.0	91.0	67.0
OP26638-MB	BK6650.D	107.0	107.0	103.0	77.0
OP26638-MS	BK6653.D	124.0	130.0	112.0	92.0
OP26638-MSD	BK6654.D	80.0	82.0	78.0	59.0

Surrogate Compounds	Recovery Limits
S1 = Tetrachloro-m-xylene	30-150%
S2 = Decachlorobiphenyl	30-150%

(a) Recovery from GC signal #1
(b) Recovery from GC signal #2

Semivolatile Surrogate Recovery Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Method: SW846-8015 **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]
MC4539-1	BC55319.D	68.0
MC4539-2	BC55321.D	78.0
OP26657-BS	BC55323.D	75.0
OP26657-BSD	BC55325.D	78.0
OP26657-MB	BC55317.D	72.0
OP26657-MS	BC55327.D	72.0
OP26657-MSD	BC55329.D	73.0

Surrogate Compounds	Recovery Limits
S1 = o-Terphenyl	40-140%

(a) Recovery from GC signal #1

New England ACCUTEST LABORATORIES

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17938
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date: 10/14/11

Metal	RL	IDL	MDL	MB raw	final
Aluminum	20	2.4	2.6		
Antimony	1.0	.12	.12		
Arsenic	1.0	.083	.11	0.0	<1.0
Barium	5.0	.1	.1		
Beryllium	0.40	.024	.026		
Boron	10	.051	.06		
Cadmium	0.40	.018	.018	0.010	<0.40
Calcium	500	2.6	2.6		
Chromium	1.0	.066	.076	0.040	<1.0
Cobalt	5.0	.016	.016		
Copper	2.5	.13	.15		
Gold	5.0	.22	.22		
Iron	10	1.4	1.4		
Lead	1.0	.12	.15	-0.040	<1.0
Magnesium	500	7.1	7.1		
Manganese	1.5	.015	.017		
Molybdenum	10	.022	.036		
Nickel	4.0	.022	.076		
Palladium	5.0	.24	.31		
Platinum	5.0	.62	.76		
Potassium	500	8.6	8.6		
Selenium	1.0	.21	.21		
Silicon	10	.22	.22		
Silver	0.50	.076	.11		
Sodium	500	2.1	2.1		
Strontium	1.0	.03	.035		
Thallium	1.0	.083	.11		
Tin	10	.045	.049		
Titanium	5.0	.061	.061		
Tungsten	10	.77	1.3		
Vanadium	1.0	.12	.14		
Zinc	2.0	.012	.11		

Associated samples MP17938: MC4539-1, MC4539-2

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17938
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17938
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date: 10/14/11

Metal	MC4539-1 Original	MS	Spikelot MPICP	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic	14.5	52.9	43.5	88.3	75-125
Barium					
Beryllium					
Boron					
Cadmium	0.19	41.8	43.5	95.7	75-125
Calcium					
Chromium	36.2	70.1	43.5	77.9 (a)	75-125
Cobalt					
Copper					
Gold					
Iron					
Lead	48.4	131	87	94.9	75-125
Magnesium					
Manganese					
Molybdenum					
Nickel					
Palladium					
Platinum					
Potassium					
Selenium					
Silicon					
Silver					
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Tungsten					
Vanadium					
Zinc					

Associated samples MP17938: MC4539-1, MC4539-2

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17938 Methods: SW846 6010C
Matrix Type: SOLID Units: mg/kg

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17938
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date: 10/14/11

Metal	MC4539-1 Original	MSD	Spikelot MPICP	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	14.5	53.1	43.5	88.7	0.4	20
Barium						
Beryllium						
Boron						
Cadmium	0.19	41.6	43.5	95.2	0.5	20
Calcium						
Chromium	36.2	72.7	43.5	83.9	3.6	20
Cobalt						
Copper						
Gold						
Iron						
Lead	48.4	125	87	88.1	4.7	20
Magnesium						
Manganese						
Molybdenum						
Nickel						
Palladium						
Platinum						
Potassium						
Selenium						
Silicon						
Silver						
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Tungsten						
Vanadium						
Zinc						

Associated samples MP17938: MC4539-1, MC4539-2

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17938
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17938
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:			10/14/11				10/14/11	
Metal	BSP Result	Spikelot MPICP	% Rec	QC Limits	LCS Result	Spikelot MPLCS73	% Rec	QC Limits
Aluminum								
Antimony								
Arsenic	49.2	50	98.4	80-120	116	124	93.5	78-122
Barium								
Beryllium								
Boron								
Cadmium	51.2	50	102.4	80-120	113	116	97.4	81-119
Calcium								
Chromium	47.7	50	95.4	80-120	88.5	95.9	92.3	77-123
Cobalt								
Copper								
Gold								
Iron								
Lead	100	100	100.0	80-120	130	137	94.9	77-123
Magnesium								
Manganese								
Molybdenum								
Nickel								
Palladium								
Platinum								
Potassium								
Selenium								
Silicon								
Silver								
Sodium								
Strontium								
Thallium								
Tin								
Titanium								
Tungsten								
Vanadium								
Zinc								

Associated samples MP17938: MC4539-1, MC4539-2

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17938
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17938
Matrix Type: SOLID

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/14/11

Metal	MC4539-1 Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	168	179	6.6	0-10
Barium				
Beryllium				
Boron				
Cadmium	2.20	2.50	13.6 (a)	0-10
Calcium				
Chromium	419	445	6.0	0-10
Cobalt				
Copper				
Gold				
Iron				
Lead	561	603	7.5	0-10
Magnesium				
Manganese				
Molybdenum				
Nickel				
Palladium				
Platinum				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Tungsten				
Vanadium				
Zinc				

Associated samples MP17938: MC4539-1, MC4539-2

SERIAL DILUTION RESULTS SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17938
Matrix Type: SOLID

Methods: SW846 6010C
Units: ug/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

POST DIGESTATE SPIKE SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17938
Matrix Type: SOLID

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/14/11

Metal	Sample ml	Final ml	MC4539-1 Raw	Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Aluminum										
Antimony										
Barium										
Beryllium										
Boron										
Cadmium	10	10.5	2.2	2.095238	184.3	.5	4	190.4762	95.7	75-125
Calcium										
Cobalt										
Copper										
Gold										
Iron										
Magnesium										
Manganese										
Molybdenum										
Nickel										
Palladium										
Platinum										
Potassium										
Selenium										
Silicon										
Silver										
Sodium										
Strontium										
Thallium										
Tin										
Titanium										
Tungsten										
Vanadium										
Zinc										

Associated samples MP17938: MC4539-1, MC4539-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(**) Corr. sample result = Raw * (sample volume / final volume)
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17941
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date: 10/14/11

Metal	RL	IDL	MDL	MB raw	final
Aluminum	0.20	.024	.04		
Antimony	0.0060	.0012	.002		
Arsenic	0.010	.00083	.0011	-0.00050	<0.010
Barium	0.50	.001	.001	0.00090	<0.50
Beryllium	0.0040	.00024	.00024		
Boron	0.10	.00051	.0018		
Cadmium	0.0040	.00018	.00018	0.00020	<0.0040
Calcium	5.0	.026	.026		
Chromium	0.010	.00066	.00066	0.00020	<0.010
Cobalt	0.050	.00016	.00022		
Copper	0.025	.0013	.0025		
Gold	0.050	.0022	.0029		
Iron	0.10	.014	.014		
Lead	0.010	.0012	.0014	0.0	<0.010
Magnesium	5.0	.071	.11		
Manganese	0.015	.00015	.00043		
Molybdenum	0.10	.00022	.00036		
Nickel	0.040	.00022	.00035		
Palladium	0.050	.0024	.0034		
Platinum	0.050	.0062	.015		
Potassium	5.0	.086	.086		
Selenium	0.025	.0021	.0021	0.0022	<0.025
Silicon	0.10	.0022	.018		
Silver	0.0050	.00076	.001	0.00030	<0.0050
Sodium	5.0	.021	.041		
Strontium	0.010	.0003	.00038		
Thallium	0.0050	.00083	.00088		
Tin	0.10	.00045	.00047		
Titanium	0.050	.00061	.001		
Tungsten	0.10	.0077	.013		
Vanadium	0.010	.0012	.0015		
Zinc	0.10	.00012	.00061		

Associated samples MP17941: MC4539-1A, MC4539-2A

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17941
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17941
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date: 10/14/11

Metal	MC4497-1 Original	MS	Spikelot MPICP	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic	0.0	0.55	0.50	110.0	75-125
Barium	0.13	2.0	2.0	93.5	75-125
Beryllium					
Boron					
Cadmium	0.0020	0.56	0.50	111.6	75-125
Calcium					
Chromium	0.00090	0.48	0.50	95.8	75-125
Cobalt					
Copper					
Gold					
Iron					
Lead	0.0086	0.97	1.0	96.1	75-125
Magnesium					
Manganese					
Molybdenum					
Nickel					
Palladium					
Platinum					
Potassium					
Selenium	0.0058	0.61	0.50	120.8(a)	75-125
Silicon					
Silver	0.0	0.24	0.20	120.0	75-125
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Tungsten					
Vanadium					
Zinc					

Associated samples MP17941: MC4539-1A, MC4539-2A

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17941
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17941
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date: 10/14/11

Metal	MC4497-1 Original	MSD	Spikelot MPICP	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	0.0	0.54	0.50	108.0	1.8	20
Barium	0.13	2.0	2.0	93.5	0.0	20
Beryllium						
Boron						
Cadmium	0.0020	0.56	0.50	111.6	0.0	20
Calcium						
Chromium	0.00090	0.47	0.50	93.8	2.1	20
Cobalt						
Copper						
Gold						
Iron						
Lead	0.0086	0.97	1.0	96.1	0.0	20
Magnesium						
Manganese						
Molybdenum						
Nickel						
Palladium						
Platinum						
Potassium						
Selenium	0.0058	0.61	0.50	120.8(a)	0.0	20
Silicon						
Silver	0.0	0.23	0.20	115.0	4.3	20
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Tungsten						
Vanadium						
Zinc						

Associated samples MP17941: MC4539-1A, MC4539-2A

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17941
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) Spike duplicate recovery indicates possible matrix interference and/or sample nonhomogeneity.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17941
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date: 10/14/11

Metal	BSP Result	Spikelot MPICP	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	0.52	0.50	104.0	80-120
Barium	1.8	2.0	90.0	80-120
Beryllium				
Boron				
Cadmium	0.54	0.50	108.0	80-120
Calcium				
Chromium	0.46	0.50	92.0	80-120
Cobalt				
Copper				
Gold				
Iron				
Lead	0.95	1.0	95.0	80-120
Magnesium				
Manganese				
Molybdenum				
Nickel				
Palladium				
Platinum				
Potassium				
Selenium	0.60	0.50	120.0	80-120
Silicon				
Silver	0.23	0.20	115.0	80-120
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Tungsten				
Vanadium				
Zinc				

Associated samples MP17941: MC4539-1A, MC4539-2A

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17941
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17941
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/14/11

Metal	MC4497-1 Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	0.00	0.00	NC	0-10
Barium	131	147	12.5 (a)	0-10
Beryllium				
Boron				
Cadmium	2.00	2.30	15.0 (b)	0-10
Calcium				
Chromium	0.900	0.00	100.0(b)	0-10
Cobalt				
Copper				
Gold				
Iron				
Lead	8.60	7.20	16.3 (b)	0-10
Magnesium				
Manganese				
Molybdenum				
Nickel				
Palladium				
Platinum				
Potassium				
Selenium	5.80	0.00	100.0(b)	0-10
Silicon				
Silver	0.00	0.00	NC	0-10
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Tungsten				
Vanadium				
Zinc				

Associated samples MP17941: MC4539-1A, MC4539-2A

SERIAL DILUTION RESULTS SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17941
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: ug/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Serial Dilution RPD acceptable due to low duplicate and sample concentrations.
(b) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

POST DIGESTATE SPIKE SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17941
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/14/11

Metal	Sample ml	Final ml	MC4497-1 Raw	Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Aluminum										
Antimony										
Arsenic	10	10.5	0	0	200.8	.5	4	190.4762	105.4	75-125
Barium	10	10.5	130.9	124.6667	2444	.5	50	2380.952	97.4	75-125
Beryllium										
Boron										
Cadmium	10	10.5	2	1.904762	219.6	.5	4	190.4762	114.3	75-125
Calcium										
Chromium	10	10.5	0.9	0.8571429	475.4	.5	10	476.1905	99.7	75-125
Cobalt										
Copper										
Gold										
Iron										
Lead	10	10.5	8.6	8.190476	254.9	.5	5	238.0952	103.6	75-125
Magnesium										
Manganese										
Molybdenum										
Nickel										
Palladium										
Platinum										
Potassium										
Selenium	10	10.5	5.8	5.52381	596	.5	10	476.1905	124.0	75-125
Silicon										
Silver	10	10.5	0	0	280.7	.5	5	238.0952	117.9	75-125
Sodium										
Strontium										
Thallium										
Tin										
Titanium										
Tungsten										
Vanadium										
Zinc										

Associated samples MP17941: MC4539-1A, MC4539-2A

POST DIGESTATE SPIKE SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17941
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: ug/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(**) Corr. sample result = Raw * (sample volume / final volume)
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17942
Matrix Type: SOLID

Methods: SW846 7471B
Units: mg/kg

Prep Date: 10/15/11

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.033	.004	.0058	-0.00050	<0.033

Associated samples MP17942: MC4539-1, MC4539-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17942
Matrix Type: SOLID

Methods: SW846 7471B
Units: mg/kg

Prep Date: 10/15/11

Metal	MC4539-1 Original	MS	Spikelot HGRWS1	% Rec	QC Limits
Mercury	0.036	0.50	0.469	98.9	75-125

Associated samples MP17942: MC4539-1, MC4539-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17942
Matrix Type: SOLID

Methods: SW846 7471B
Units: mg/kg

Prep Date: 10/15/11

Metal	MC4539-1 Original	MSD	Spikelot HGRWS1	% Rec	MSD RPD	QC Limit
Mercury	0.036	0.51	0.469	101.1	2.0	20

Associated samples MP17942: MC4539-1, MC4539-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17942
Matrix Type: SOLID

Methods: SW846 7471B
Units: mg/kg

Prep Date:		10/15/11				10/15/11		
Metal	BSP Result	Spikelot HGRWS1	% Rec	QC Limits	LCS Result	Spikelot HGLCS74	% Rec	QC Limits
Mercury	0.50	0.5	100.0	80-120	3.8	4.13	92.0	46-134

Associated samples MP17942: MC4539-1, MC4539-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

9.3.3

9

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17948
Matrix Type: LEACHATE

Methods: SW846 7470A
Units: mg/l

Prep Date: 10/15/11

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.00020	.000018	.000029	-0.000014	<0.00020

Associated samples MP17948: MC4539-1A, MC4539-2A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17948
Matrix Type: LEACHATE

Methods: SW846 7470A
Units: mg/l

Prep Date: 10/15/11

Metal	MC4497-1 Original	MS	Spikelot HGRWS1	% Rec	QC Limits
Mercury	0.0	0.0033	0.0030	110.0	75-125

Associated samples MP17948: MC4539-1A, MC4539-2A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17948
Matrix Type: LEACHATE

Methods: SW846 7470A
Units: mg/l

Prep Date: 10/15/11

Metal	MC4497-1 Original	MSD	Spikelot HGRWS1	% Rec	MSD RPD	QC Limit
Mercury	0.0	0.0035	0.0030	116.7	5.9	

Associated samples MP17948: MC4539-1A, MC4539-2A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17948
Matrix Type: LEACHATE

Methods: SW846 7470A
Units: mg/l

Prep Date: 10/15/11

Metal	BSP Result	Spikelot HGRWS1	% Rec	QC Limits
Mercury	0.0032	0.0030	106.7	80-120

Associated samples MP17948: MC4539-1A, MC4539-2A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

New England ACCUTEST LABORATORIES

General Chemistry

QC Data Summaries

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Cyanide Reactivity	GP13662/GN36574	1.5	<1.5	mg/kg	250	21.1	8.4	-%
Sulfide Reactivity	GP13663/GN36575	50	<50	mg/kg	460	400	87.0	-%

Associated Samples:
Batch GP13662: MC4539-1, MC4539-2
Batch GP13663: MC4539-1, MC4539-2
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Corrosivity as pH	GN36535	MC4506-3		12.0	11.8	0.0	0-%
Cyanide Reactivity	GP13662/GN36574	MC4577-1	mg/kg	U	<1.6	0.0	0-20%
Ignitability (Flashpoint)	GN36538	MC4497-1	Deg. F	>230	>230	0.0	0-20%
Solids, Percent	GN36529	MC4539-1	%	92.7	93.1	0.4	0-20%
Sulfide Reactivity	GP13663/GN36575	MC4577-1	mg/kg	U	<54	0.0	0-20%

Associated Samples:
Batch GN36529: MC4539-1, MC4539-2
Batch GN36535: MC4539-1, MC4539-2
Batch GN36538: MC4539-1, MC4539-2
Batch GP13662: MC4539-1, MC4539-2
Batch GP13663: MC4539-1, MC4539-2
(*) Outside of QC limits

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Cyanide Reactivity	GP13662/GN36574	MC4577-1	mg/kg	U	269	22.7	8.5	-%
Sulfide Reactivity	GP13663/GN36575	MC4577-1	mg/kg	U	494	430	87.0	-%

Associated Samples:
Batch GP13662: MC4539-1, MC4539-2
Batch GP13663: MC4539-1, MC4539-2
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits

APPENDIX I

DISPOSAL DOCUMENTATION

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AGGREGATE RECYCLING CORP
434 DOW HIGHWAY
PO BOX 363
ELIOT,ME 03903

Ticket No # 127375
Date :11/04/2011
Phone :(207)439-5584
Fax :(207)439-5586

Customer:11-02
SHIPYARD WASTE SOLUTIONS
PO BOX 546

ELIOT,ME 03903-0546

SWS 500

CONC W/ CONCRETE&REBAR

Gross: 63000 lb Scale In 11:48 am
Tare: 34760 lb Scale Out 11:57 am

Net: 28240 lb
14.120 tn

Weigh Master: ROD Rod

Driver: Jeff Belanger

Remarks:PWO 110818-1

Material $	0.00
Delivery $	0.00
Misc $	0.00
Tax $	0.00
Total $	0.00

AGGREGATE RECYCLING CORP
434 DOW HIGHWAY
PO BOX 363
ELIOT,ME 03903

Ticket No # 127359
Date :11/04/2011
Phone :(207)439-5584
Fax :(207)439-5586

Customer:11-02
SHIPYARD WASTE SOLUTIONS
PO BOX 546

ELIOT,ME 03903-0546

SWS 500

CONC W/ CONCRETE&REBAR

Gross: 56360 lb Scale In 10:37 am
Tare: 34860 lb Scale Out 10:47 am

Net: 21500 lb
10.750 tn

Weigh Master: ROD Rod

Driver: Jeff Belanger

Remarks:PWO 110918-1

110818-1

Material $	0.00
Delivery $	0.00
Misc $	0.00
Tax $	0.00
Total $	0.00

AGGREGATE RECYCLING CORP
434 DOW HIGHWAY
PO BOX 363
ELIOT,ME 03903

Ticket No # 127399
Date :11/04/2011
Phone :(207)439-5584
Fax :(207)439-5586

Customer:11-02
SHIPYARD WASTE SOLUTIONS
PO BOX 546

ELIOT,ME 03903-0546

SWS 500

CONC W/ RONCRETE&REBAR

Gross: 74120 lb Scale In 2:18 pm
Tare: 34720 lb Scale Out 2:27 pm

Net: 39400 lb
19.700 tn

Weigh Master: ROD

Driver:

Remarks:PWO 110818-1

Material $	0.00
Delivery $	0.00
Misc $	0.00
Tax $	0.00
Total $	0.00

AGGREGATE RECYCLING CORP
434 DOW HIGHWAY
PO BOX 363
ELIOT,ME 03903

Ticket No # 127389
Date :11/04/2011
Phone :(207)439-5584
Fax :(207)439-5586

Customer:11-02
SHIPYARD WASTE SOLUTIONS
PO BOX 546

ELIOT,ME 03903-0546

SWS 500

CONC W/ RONCRETE&REBAR

Gross: 78200 lb Scale In 1:03 pm
Tare: 34700 lb Scale Out 1:14 pm

Net: 43500 lb
21.750 tn

Weigh Master: ROD

Driver:

Remarks:PWO110818-1

Material $	0.00
Delivery $	0.00
Misc $	0.00
Tax $	0.00
Total $	0.00

AGGREGATE RECYCLING CORP
434 DOW HIGHWAY
PO BOX 363
ELIOT, ME 03903

Ticket No # 127413
Date : 11/04/2011
Phone : (207) 439-5584
Fax : (207) 439-5586

Customer: 11-02
SHIPYARD WASTE SOLUTIONS
PO BOX 546

ELIOT, ME 03903-0546

SWS 500

CONC W/ RONCRETE&REBAR

Gross:	61600 lb	Scale In	3:31 pm
Tare:	34780 lb	Scale Out	3:42 pm
Net:	26820 lb		
	13.410 tn		

Weigh Master: ROD

Driver:

Remarks: PWO 110818-1

Material $	0.00
Delivery $	0.00
Misc $	0.00
Tax $	0.00
Total $	0.00

type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number ME7170022019	2. Page 1 of 1	3. Emergency Response Phone 603-988-5152	4. Waste Tracking Number 110571

5. Generator's Name and Mailing Address
PORTSMOUTH NAVAL SHIPYARD
CODE 106.32, BLDG 357
KITTERY MS 03904

Generator's Site Address (if different than mailing address)

Generator's Phone: 207-438-5153

6. Transporter 1 Company Name: GOULET TRUCKING INC.
U.S. EPA ID Number: MAC300006038

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
NEWS OF WORCESTER, LLC
30 NIPPHAPP TRAIL
WORCESTER MA 01607

U.S. EPA ID Number: MD56147

Facility's Phone: 588-755-4604

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT REGULATED MATERIAL (SOIL) (8060)	1	DT	~~35~~ 58960	Y
	2.				
	3.				
	4.				

13. Special Handling Instructions and Additional Information

#36617

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: Denis L Gagnon
Signature: [signature]
Month 11 Day 03 Year 11

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Robert E Barney
Signature: Robert E Barney
Month 11 Day 03 Year 11

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name
Signature
Month Day Year

GENERATOR
INT'L
TRANSPORTER
DESIGNATED FACILITY

PORTSMOUTH NAVAL SHIPYARD
ENVIRONMENTAL RECOVERY FACILITY
NAVSHIPYARD-PTSMH-4643/1 (REV 8-00)

SHIPPER: Goulet

PLATE #: 04-1

CONTENTS:

WEIGHED BY:

TRACKING #:

TASK ORDER #:

DOCUMENT #:

ID 10107 SCALE 1

GROSS 39100 LB STORED

11/03/11 06:46 AM

ID 10107 SCALE 1

GROSS 98060 LB
TARE 39100 LB RECALLED
NET 58960 LB

11/03/11 08:10 AM

...ditional Information

#36617

...RATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

...Offeror's Printed/Typed Name

...is L G A Green

...al Shipments ☐ Import to U.S. ☐ Export from U.S.

Signature [signature]

Month 11 Day 03 Year 11

...gnature (for exports only):

Port of entry/exit:

Date leaving U.S.:

...Acknowledgment of Receipt of Materials

...inted/Typed Name

...t E Barney

...nted/Typed Name

Signature [signature]

Month 11 Day 03 Year 11

Signature

Month Day Year

...ndication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

...y (or Generator)

Manifest Reference Number:

...nate Facility (or Generator)

U.S. EPA ID Number

Month Day Year

...ner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Signature

, type. (Form designed for use on elite (12-pitch) typewriter.)

ON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	ME7170022019	1	603-988-5152	110567

5. Generator's Name and Mailing Address
PORTSMOUTH NAVAL SHIPYARD
CODE 106.32, BLDG 357
KITTERY ME 03904

Generator's Site Address (if different than mailing address)

Generator's Phone: 207-438-5153

6. Transporter 1 Company Name: GOULET TRUCKING INC.
U.S. EPA ID Number: MAC300006038

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
NEWS OF WORCESTER, LLC
30 NIPPHAPP TRAIL
WORCESTER MA 01607

U.S. EPA ID Number: WD56147

Facility's Phone: 588-755-4604

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. NON-DOT REGULATED MATERIAL (SOIL) (8060)	1	DT	~~35~~ 61,360	P	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

#36613

BLDG 184

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: Denis L Gagnon
Signature: [signature]
Month 11 Day 03 Year 11

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Robert E Barney
Signature: Robert E Barney
Month 11 Day 03 Year 11

Transporter 2 Printed/Typed Name
Signature
Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name
Signature
Month Day Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

6-NHM-C-C-11

1-DESIGNATED FACILITY TO DESTINATION

ATSMOUTH NAVAL SHIPYARD
ENVIRONMENTAL RECOVERY FACILITY
NAVSHIPYARD-PTSMH-4643/1 (REV 8-00)

SHIPPER: Gouldt

PLATE #: 04-1

CONTENTS:

WEIGHED BY:

TRACKING #:

TASK ORDER #:

DOCUMENT #:

ID 10113 SCALE 1

GROSS 38800 LB STORED

11/03/11 12:24 PM

ID 10113 SCALE 1

GROSS 100160 LB
TARE 38800 LB RECALLED
NET 61360 LB

11/03/11 01:12 PM

e. (Form designed for use on elite (12-pitch) typewriter.)

ZARDOUS MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	ME7170022019	1	603-988-5152	110568

ator's Name and Mailing Address
SOUTH NAVAL SHIPYARD
S 106.32, BLDG 357
TTERY ME 03904

Generator's Site Address (if different than mailing address)

enerator's Phone: 207-438-5153

6. Transporter 1 Company Name: GOULET TRUCKING INC.
U.S. EPA ID Number: MAC300006038

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
NEWS OF WORCESTER, LLC
30 NIPPNAPP TRAIL
WORCESTER MA 01607
U.S. EPA ID Number: WD56147

Facility's Phone: 588-755-4604

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT REGULATED MATERIAL (SOIL) (8060)	1	DT	~~35~~ 63100	Y
	2.				
	3.				
	4.				

13. Special Handling Instructions and Additional Information

#36614

BLDG 184

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: Denis L Gagnon
Signature: [signature]
Month 11 Day 03 Year 11

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: DANIEL J HASSELL
Signature: [signature]
Month 11 Day 03 Year 11

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name
Signature
Month Day Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

6-NHM-C-C-11

1-DESIGNATED FACILITY TO DESTINATION

JUTH NAVAL SHIPYARD
NMENTAL RECOVERY FACILITY
YARD-PTSMH-4643/1 (REV 8-00)

SHIPPER: Goulet

PLATE #: 07-4

CONTENTS:

WEIGHED BY:

TRACKING #:

TASK ORDER #:

DOCUMENT #:

ID 10112 SCALE 1

GROSS 34920 LB STORED

11/03/11 11:22 AM
ID 10112 SCALE 1

GROSS 98020 LB
TARE 34920 LB RECALLED
NET 63100 LB

11/03/11 12:39 PM

int or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number ME7170022019	2. Page 1 of 1	3. Emergency Response Phone 603-988-5152	4. Waste Tracking Number 110569

5. Generator's Name and Mailing Address
PORTSMOUTH NAVAL SHIPYARD
CODE 106.32, BLDG 357
KITTERY ME 03904

Generator's Site Address (if different than mailing address)

Generator's Phone: 207-438-5153

6. Transporter 1 Company Name: GOULET TRUCKING INC.
U.S. EPA ID Number: MAC300006038

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
NEWS OF WORCESTER, LLC
30 NIPMUCK TRAIL
WORCESTER MA 01607
U.S. EPA ID Number: WOS6147

Facility's Phone: 508-755-4604

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. NON-DOT REGULATED MATERIAL (SOIL) (8060)	1	DT	~~35~~ 67160	Y	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information
#36615

BLDG 1 84

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: Dennis L. O'Brien
Signature
Month Day Year: 10 03 11

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Josh Lewis
Signature
Month Day Year: 11 3 2011

Transporter 2 Printed/Typed Name
Signature
Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name
Signature
Month Day Year

GENERATOR
INT'L
TRANSPORTER
DESIGNATED FACILITY

6-NHM-C-C-11

1-DESIGNATED FACILITY TO DESTINATION

PORTSMOUTH NAVAL SHIPYARD
ENVIRONMENTAL RECOVERY FACILITY
NAVSHIPYARD-PTSMH-4643/1 (REV 8-00)

SHIPPER: GOULET

PLATE #: 05-7

CONTENTS:

WEIGHED BY:

TRACKING #:

TASK ORDER #:

DOCUMENT #:

ID 10111 SCALE 1

GROSS 34980 LB STORED

11/03/11 10:41 AM

ID 10111 SCALE 1

GROSS 102140 LB
TARE 34980 LB RECALLED
NET 67160 LB

11/03/11 11:40 AM

ase print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	ME7170022019	1	603-988-5152	110570

5. Generator's Name and Mailing Address
PORTSMOUTH NAVAL SHIPYARD
CODE 106.32, BLDG 357
KITTERY ME 03904

Generator's Site Address (if different than mailing address)

Generator's Phone: 207-438-5153

6. Transporter 1 Company Name
GOULET TRUCKING INC.

U.S. EPA ID Number
MAC300006038

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
NEWS OF WORCESTER, LLC
30 NIPPHAPP TRAIL
WORCESTER MA 01607

U.S. EPA ID Number
WO56147

Facility's Phone: 588-755-4604

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT REGULATED MATERIAL (SOIL) (8060)	1	DT	~~35~~ 54180	Y
	2.				
	3.				
	4.				

13. Special Handling Instructions and Additional Information

#36616

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: Denis L Gagnon
Signature: [signature]
Month 10 Day 03 Year 11

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Jeffrey Crowell
Signature: Jeffrey Crowell
Month 11 Day 3 Year 11

Transporter 2 Printed/Typed Name
Signature
Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name
Signature
Month Day Year

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

6-NHM-C-C-11

1-DESIGNATED FACILITY TO DESTINATION

PORTSMOUTH NAVAL SHIPYARD
ENVIRONMENTAL RECOVERY FACILITY
NAVSHIPYARD-PTSMH-4643/1 (REV 8-00)

SHIPPER: Goulet

PLATE #: 07-02

CONTENTS:

WEIGHED BY:

TRACKING #:

TASK ORDER #:

DOCUMENT #:

ID 10108 SCALE 1
GROSS 38720 LB STORED
11/03/11 06:47 AM

ID 10108 SCALE 1
GROSS 92900 LB
TARE 38720 LB RECALLED
NET 54180 LB
11/03/11 09:15 AM

#36616

14. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: Don [illegible] Signature: [illegible] Month 11 Day 03 Year 11

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: [illegible] Signature: [illegible] Month 11 Day 3 Year 11

Transporter 2 Printed/Typed Name: Signature: Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

17b. Alternate Facility (or Generator) Manifest Reference Number:
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name Signature Month Day Year

HM-C-C-11

6-GENERATOR'S INITIAL COPY

...t or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	ME7170022019	1	603-986-5152	110792

GENERATOR

5. Generator's Name and Mailing Address
PORTSMOUTH NAVAL SHIPYARD
CODE 106.32, BLDG 357
KITTERY ME 03904

Generator's Site Address (if different than mailing address)

Generator's Phone: 207-438-5153

6. Transporter 1 Company Name
GOULET TRUCKING INC.

U.S. EPA ID Number
MAC300006038

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
NEWS OF WORCESTER, LLC
38 NIPMUCK TRAIL
WORCESTER MA 01607

U.S. EPA ID Number
MD056147

Facility's Phone: 508-755-4604

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. NON-DOT REGULATED MATERIAL (SOIL) (8060)	1	DT	~~35~~ 64320	~~T~~ P	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

#37713

BLDG-184

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: Stephen Mitchell
Signature:
Month 11 Day 03 Year 11

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: MICHAEL TURNER
Signature:
Month 11 Day 13 Year 11

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name
Signature
Month Day Year

6-NHM-C-C-11

1-DESIGNATED FACILITY TO DESTINATION

PORTSMOUTH NAVAL SHIPYARD
ENVIRONMENTAL RECOVERY FACILITY
NAVSHIPYARD-PTSMH-4643/1 (REV 8-00)

SHIPPER: Goulet

PLATE #: 06-2

CONTENTS:

WEIGHED BY:

TRACKING #:

TASK ORDER #:

DOCUMENT #:

ID 10114 SCALE 1

GROSS 36020 LB STORED

11/03/11 12:27 PM

ID 10114 SCALE 1

GROSS 100340 LB
TARE 36020 LB RECALLED
NET 64320 LB

11/03/11 01:28 PM

lease print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	ME7170022019	1	603-968-5152	110793

5. Generator's Name and Mailing Address
PORTSMOUTH NAVAL SHIPYARD
CODE 106.32, BLDG 357
KITTERY ME 03904
Generator's Phone: 207-438-5153

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: GOULET TRUCKING INC.
U.S. EPA ID Number: MAC300006038

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
NEWS OF WORCESTER, LLC
30 HIPPHAPP TRAIL
WORCESTER MA 01607
Facility's Phone: 508-755-4604
U.S. EPA ID Number: MD56147

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. NON-DOT REGULATED MATERIAL (SOIL) (8060)	1	DT	~~35~~ 61300	~~Y~~ P	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information
#37714

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: Stephen Mitchell
Signature: Stephen Mitchell
Month 11 Day 03 Year 11

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Willis O. Rosebrooks
Signature: O. R
Month 11 Day 03 Year 11
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name
Signature
Month Day Year

GENERATOR
INT'L
TRANSPORTER
DESIGNATED FACILITY

6-NHM-C-C-11

1-DESIGNATED FACILITY TO DESTINATION

PORTSMOUTH NAVAL SHIPYARD
ENVIRONMENTAL RECOVERY FACILITY
NAVSHIPYARD-PTSMH-4643/1 (REV 8-00)

SHIPPER: Goulet

PLATE #: 2-12

CONTENTS:

WEIGHED BY:

TRACKING #:

TASK ORDER #:

DOCUMENT #:

ID 10115 SCALE 1
GROSS 36900 LB STORED
11/03/11 02:18 PM

ID 10115 SCALE 1
GROSS 98200 LB
TARE 36900 LB RECALLED
NET 61300 LB
11/03/11 03:19 PM

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

GENERATOR

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	ME7170022019	1	603-988-5152	110795

5. Generator's Name and Mailing Address
PORTSMOUTH NAVAL SHIPYARD
CODE 106.32, BLDG 357
KITTERY ME 03904
Generator's Phone: 207-438-5153

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: GOULET TRUCKING INC.
U.S. EPA ID Number: MAC300006038

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
NEWS OF WORCESTER, LLC
38 HIPPHAPP TRAIL
WORCESTER MA 01607
Facility's Phone: 508-755-4604
U.S. EPA ID Number: MD056147

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. NON-DOT REGULATED MATERIAL (SOIL) (8060)	1	DT	35 55800	Y P	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information
#37716

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: Dennis L Gagnon
Signature:
Month 11 Day 04 Year 11

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: John Guay
Signature:
Month 11 Day 04 Year 11
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name
Signature
Month Day Year

6-NHM-C-C-11

1-DESIGNATED FACILITY TO DESTINATION

03-4

PORTSMOUTH NAVAL SHIPYARD
ENVIRONMENTAL RECOVERY FACILITY
NAVSHIPYARD-PTSMH-4643/1 (REV 8-00)

SHIPPER: Growler

PLATE #:

CONTENTS: Soil

WEIGHED BY:

TRACKING #:

TASK ORDER #:

DOCUMENT #:

ID 10117 SCALE 1

GROSS 37800 LB STORED

11/04/11 06:30 AM

ID 10117 SCALE 1

GROSS 93600 LB
TARE 37800 LB RECALLED
NET 55800 LB

11/04/11 07:43 AM

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	ME7170022019	1	603-988-5152	110794

5. Generator's Name and Mailing Address
PORTSMOUTH NAVAL SHIPYARD
CODE 106.32, BLDG 357
KITTERY ME 03904
Generator's Phone: 207-438-5153

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: GOULET TRUCKING INC.
U.S. EPA ID Number: MAC300006038

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
NEWS OF WORCESTER, LLC
30 NIPPHAPP TRAIL
WORCESTER MA 01607
Facility's Phone: 588-755-4604
U.S. EPA ID Number: WD56147

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT REGULATED MATERIAL (SOIL) (8060)	1	DT	~~35~~ 60640	~~Y~~ P
	2.				
	3.				
	4.				

13. Special Handling Instructions and Additional Information

#37715

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: Denis L Gagneon
Signature: [signature]
Month 11 Day 04 Year 11

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Robert E Barney
Signature: Robert E Barney
Month 11 Day 4 Year 11

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name
Signature
Month Day Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

6-NHM-C-C-11

1-DESIGNATED FACILITY TO DESTINATION

PORTSMOUTH NAVAL SHIPYARD
ENVIRONMENTAL RECOVERY FACILITY
NAVSHIPYARD-PTSMH-4643/1 (REV 8-00)

SHIPPER: Coulet

PLATE #:

CONTENTS: Soil

WEIGHED BY:

TRACKING #:

TASK ORDER #:

DOCUMENT #:

ID 10116 SCALE 1

GROSS 39040 LB STORED
SCALE 1

11/04/11 96:29 AM
GROSS 99680 LB

07:42 AM 11/04/11

ID 10116 SCALE 1

GROSS 99680 LB
TARE 39040 LB RECALLED
NET 60640 LB

BH-1

APPENDIX J

CONCRETE PAD DOCUMENTATION

1. ***Concrete Mix Design***
2. ***Concrete Batch Tickets***
3. ***Report of Concrete Compressive Strength***

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APPENDIX J
CONCRETE PAD DOCUMENTATION

J1 – Concrete Mix Design

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Hissong Ready-Mix
& Aggregates, LLC

Concrete Mix Design

Date : **11/8/2011**

Contractor: **H. L. Patten Construction Company Inc**

Project: **PNSY - Prime Contract N62470-08-D-1007**
NTCRA - Site 30

Design Strength: **4,000 psi** Mix ID: **404848NA**

Mix Description: **Interior Slab Mix with mid-range water reducer**
Option for high-range water reducer

ASTM	Materials		Quantity	Density	Yield
C-150	Cement : Dragon Type II, lbs.		488	3.15	2.48
C-989	GGBF Slag: Dragon Grade 120, lbs.		123	2.89	0.68
C-33	Fine Aggregate, Turk's Sand & Gravel, lbs.		1315	2.64	7.97
C-33	1/2" Coarse Aggregate, Stonefield-Lyman, lbs.		540	2.62	3.31
C-33	3/4" Coarse Aggregate, Stonefield-Lyman, lbs.		1260	2.64	7.64
C-1602	Water, (gal.), lbs.	33.50	279	1.00	4.47
	Air Content, %		2.0		0.54
				Total:	27.10

ASTM	Admixtures	oz / c.w.	oz. /c.y.
C-494 Type A and F	Mid-Range Water Reducer Dosage, BASF Glenium 7500	3.0	18.3
	or		
C-494 Type A and F	High Range Water Reducer Dosage, BASF Glenium 7500	4.5	83.5

Mix Properties: Slump : **5"+/-1"; 8" with high range water reducer** W/C Ratio: **0.46**
Air Content: **2.0 % +/- 1.0 %** Design Density: **147.81**

Source of Concrete: Hissong Ready-Mix & Aggregates - Eliot, ME

Hissong Ready-Mix reserves the right to adjust admixture dosage rates, aggregate weights and aggregate blends to maintain the design parameters.

Prepared by: Philip Nunley

Hissong Ready-Mix & Aggregates

Aggregate Analysis

Material	Source - Location	Date:	10/17/2011
Fine Aggregate	**Turk's Sand & Gravel - Acton, Maine**		
1/2" Stone	**Stonefield Aggregates - Lyman, Maine**		
3/4" Stone	**Stonefield Aggregates - Lyman, Maine**		

	Fine Aggregate		**Coarse Aggregate**		**Coarse Aggregate Blend**			
	C-33		**1/2"**	**3/4"**	**1/2"**	**3/4"**		**#67**
Sieve	Specified	**Percent**	Percent	Percent	@	@	**Combined**	Specified
Size	Range	**Passing**	Passing	Passing	30%	70%	**Blend**	Range
1 1/2"								
1"			**100**	**100**	30.0	70.0	**100.0**	100
3/4"			**100**	**91.9**	30.0	64.3	**94.3**	90-100
1/2"			**99.9**	**33.1**	30.0	23.2	**53.1**	
3/8"	100	**100**	**85.6**	**10.2**	25.7	7.1	**32.8**	25-55
#4	95-100	**96.4**	**18.7**	**2.8**	5.6	2.0	**7.6**	0-10
#8	80-100	**89.1**	**3.4**	**2.1**	1.0	1.5	**2.5**	0-5
#16	50-85	**74.3**	**2.3**	**0.4**	0.7	0.3	**1.0**	
#30	25-60	**47.5**						
#50	10 to 30	**20.1**						
#100	2 to 10	**7.4**						
#200	0 to 5	**2.5**	**0.4**					
F.M.	2.3 - 3.1	**2.65**						
Color Plate		**#2**						
Absorption		**1.11%**	**1.30%**	**1.22%**				
Specific Gravity- SSD		**2.64**	**2.62**	**2.64**				

Submitted By: **Philip Nunley**

S.W.COLE ENGINEERING, INC. • Geotechnical Engineering • Field & Lab Testing • Scientific & Environmental Consulting

Specific Gravity & Absorption - Coarse Aggregate
ASTM C127

PROJECT NAME:	2010 LABORATORY TESTING	PROJ. NO:	10-1209
CLIENT:	HISSONG READY-MIX & AGGREGATES	DATE:	11/18/2010
		TESTED BY:	RKL

LAB ID:	7976S
SAMPLE DESCRIPTION:	1/2" CRUSHED STONE
SAMPLE SOURCE	STONEFIELD AGGREGATES, LYMAN, ME

Bulk Specific Gravity	2.59
Apparent Specific Gravity	2.68
Bulk Specific Gravity (Saturated Surface Dry) Bases	2.62
Absorption (Percent)	1.3

Remarks:

SOMERSWORTH, NH OFFICE
10 CENTRE ROAD, SOMERSWORTH, NH 03878-2926 TEL. (603) 692-0088 FAX (603) 692-0044 E-Mail - infosomersworth@swcole.com

S.W.COLE ENGINEERING, INC.

Standard Test Flat, Elongated Particles in Coarse Aggregate by Percent
ASTM D4791-99

Project Name: 2010 LABORATORY TESTING
Project No: 10-1209
Client: HISSONG READY-MIX & AGGREGATES
Date: 11-18-2010

Lab ID: 7976S
Material Type: ½" CRUSHED STONE
Material Source: STONEFIELD AGGREGATES, LYMAN, ME
Ratio Used: 3:1

Particle Size	Flat	Elongated	Flat & Elongated
	% of Total	% of Total	% of Total
3/8	0.0	0.0	18.0
1/2	2.0	0.0	13.0
3/4			

Reviewed By

L:\Construction Services\Forms\Aggregate\Standard Test Flat Particles By Percent Rev. 06-15-05.doc

S.W.COLE ENGINEERING, INC. • Geotechnical Engineering • Field & Lab Testing • Scientific & Environmental Consulting

Report of Specific Gravity & Absorption
Coarse Aggregate ASTM C127

Project Name:	Hissong Development ASR Testing
Project No.:	10-0020.6
Client:	Dragon Products
Tested By	JRB
Date Tested:	8/19/2010

Lab ID:	12812G
Sample Identification:	3/4" Stone
Moisture Condition:	Dry

Bulk Specific Gravity	2.62
Apparent Specific Gravity	2.70
Bulk Specific Gravity (Saturated Surface Dry)	2.64
Absorption (Percent)	1.22

Remarks:

Reviewed By:

S.W.COLE ENGINEERING, INC.

REPORT OF POTENTIAL ALKALI REACTIVITY OF AGGREGATE
ASTM C-1260

Project No. : 10-0020.6
Project Name : Hissong Development
Client : Dragon Products
Lab ID : 12812G
Water/Cement Ratio : 0.47
Report Date : 8/24/10

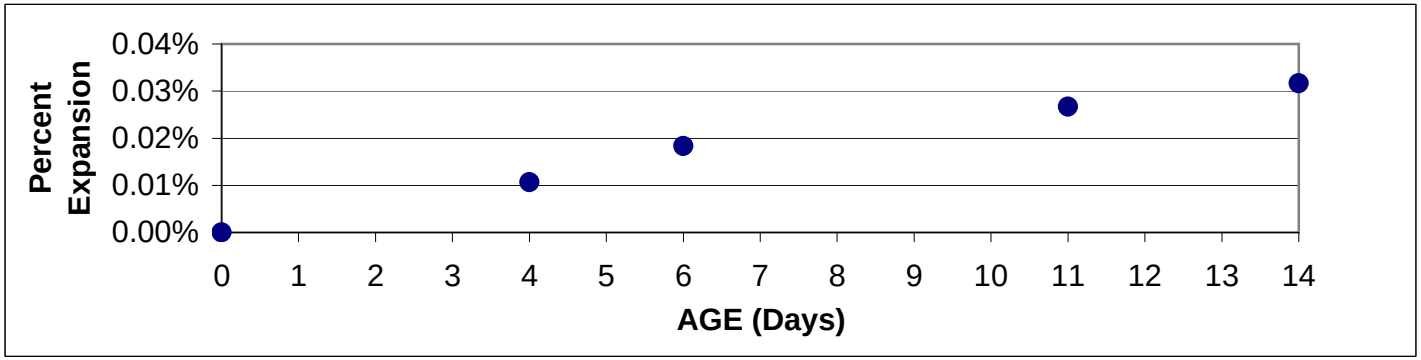
AGGREGATE DATA

Supplier: Hissong
Source: Stonefield
Type: Coarse

CEMENT DATA

Supplier: Dragon Products
Source: Thomaston
Type: II
Autoclave Expansion: (mill cert.)
Alkali Content: (mill cert.)

AGE Days	DATE	DAYS IN SOLUTION	GAUGE READING (in.) A	B	C	LENGTH CHANGE (in.) A	B	C	PERCENT EXPANSION A	B	C	AVERAGE OF 3
2	8/5/10	0	-0.0178	0.0115	0.0103							
6	8/9/10	4	-0.0164	0.0122	0.0114	0.0014	0.0007	0.0011	0.014%	0.007%	0.011%	0.01%
9	8/12/10	7	-0.0155	0.0130	0.0120	0.0023	0.0015	0.0017	0.023%	0.015%	0.017%	0.02%
13	8/16/10	11	-0.0150	0.0138	0.0132	0.0028	0.0023	0.0029	0.028%	0.023%	0.029%	0.03%
16	8/19/10	14	-0.0144	0.0143	0.0136	0.0034	0.0028	0.0033	0.034%	0.028%	0.033%	0.03%



Total cementious consists of 70% Type II Cement / 30% Slag

Reviewed By; RED

F:\general business\forms\construction services\aggregate\report of potential alkali reactivity of aggregates Rev. 02-01-06

S.W.COLE ENGINEERING, INC.

REPORT OF POTENTIAL ALKALI REACTIVITY OF AGGREGATE
ASTM C-1260

Project No. : 10-0020.6
Project Name : Hissong Development
Client : Dragon Products
Lab ID : 12862G
Water/Cement Ratio : 0.47
Report Date : 9/15/10

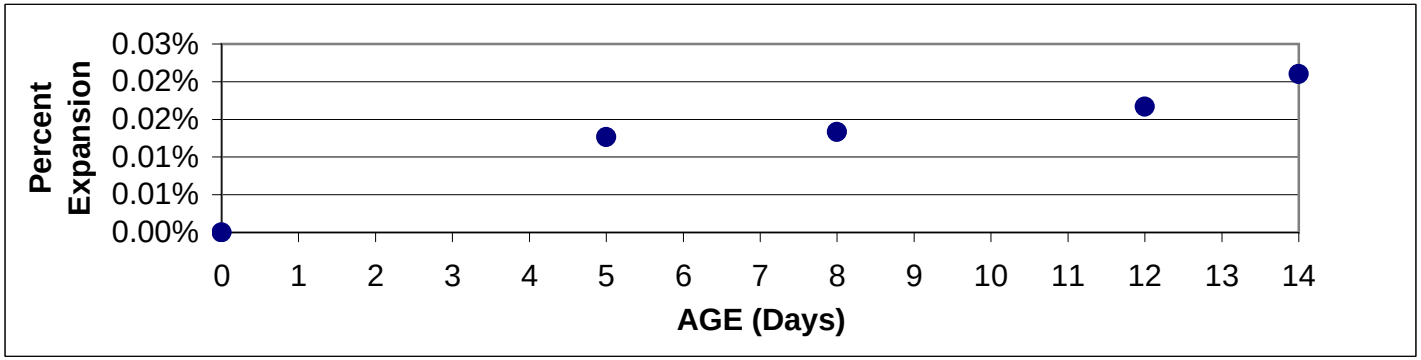
AGGREGATE DATA

Supplier: Hissong
Source: Turcotte
Type: Fine

CEMENT DATA

Supplier: Dragon Products
Source: Thomaston
Type: II
Autoclave Expansion: (mill cert.)
Alkali Content: (mill cert.)

AGE Days	DATE	DAYS IN SOLUTION	GAUGE READING (in.) A	B	C	LENGTH CHANGE (in.) A	B	C	PERCENT EXPANSION A	B	C	AVERAGE OF 3
2	8/26/10	0	0.0015	0.0023	0.0160							
7	8/31/10	5	0.0029	0.0033	0.0174	0.0014	0.0010	0.0014	0.014%	0.010%	0.014%	0.01%
10	9/3/10	8	0.0031	0.0033	0.0174	0.0016	0.0010	0.0014	0.016%	0.010%	0.014%	0.01%
14	9/7/10	12	0.0034	0.0037	0.0177	0.0019	0.0014	0.0017	0.019%	0.014%	0.017%	0.02%
16	9/9/10	14	0.0037	0.0042	0.0182	0.0022	0.0019	0.0022	0.022%	0.019%	0.022%	0.02%



Total cementious consists of 70% Type II Cement / 30% Newcem Slag

Reviewed By; RED

F:\general business\forms\construction services\aggregate\report of potential alkali reactivity of aggregates Rev. 02-01-06

DRAGON PRODUCTS COMPANY
P.O. Box 191, U.S. Route 1 • Thomaston, Maine 04861 • 207-594-5555

MILL TEST RESULTS
Laboratory at Thomaston, Maine

Date: September, 2011
Cement Type: I / II
Silo Numbers: 20, 24, 25, 27 & 30

CHEMICAL DATA	Percent
Silicon Dioxide……	20.4
Aluminum Dioxide……	4.1
Ferric Oxide……	2.8
Calcium Oxide……	62.0
Magnesium Oxide……	3.3
Sulphur Trioxide……	3.8
Loss on Ignition……	1.3
Insoluble Residue……	0.3
Tricalcium Silicate……	55
Dicalcium Silicate……	17
Tricalcium Aluminate……	6
Sum of C3S + 4.75*C3A….	84
Sodium Oxide……	0.4
Potassium Oxide……	1.3
Equivalent Alkalies……	1.24

(Chemical Analysis all per ASTM C 114)

PHYSICAL DATA	
Specific Surface……	368
Blaine (sq m /kg) *(Per ASTM C 204)*	
Percent Passing 325 Mesh *(Per ASTM C 430)*	96.5
Compressive Strength (psi) *(Per ASTM C 109)*	
1 day……	2130
3 day……	3830
7 day……	4690
28 day……	
Vicat Setting Time *(Per ASTM C 191)*	
Initial (min.)……	125
Final (min.)……	225
Air Content (%)…… *(Per ASTM C 185)*	8.1
Autoclave Expansion (%)… *(Per ASTM C 151)*	0.10
Expansion in water (%)…… *(Per ASTM C 1038)*	0.011
Heat of Hydration (%) …… *(Per ASTM C186)*	80

Certified by:

Jennifer K. Colburn

Jennifer K. Colburn

We hereby certify that this cement complies with current ASTM C 150, AASHTO M-85 and CSA A3001 Type GU specifications.

Testing was completed by Brian Secord and/or Richard Erickson.
This mill test report is generated for silos produced in the calendar month prior to the date upon this report.

DRAGON PRODUCTS COMPANY
P.O. Box 191, U.S. Route 1 • Thomaston, Maine 04861 • 207-594-5555

MILL TEST RESULTS
Laboratory at Thomaston, Maine

Date: July, 2011
Brand: Dragon Ground Granulated Blast Furnace Slag
Silo Numbers: 23 & 26

Reference Cement Data

Specific Surface…… 430
Blaine (sq m /kg)

Alkali Equivalent…… 0.87

Compressive Strength
(psi of reference portland cement)
7 day…… 4818
28 day…… 6037

Potential Compound Composition
C3S (%)…… 54
C2S (%)…… 16
C3A (%)…… 6
C4AF (%) 11

Dragon GGBF Slag Data

Specific Surface…… 662
Blaine (sq m /kg)

Percent Retained on 325 Mesh……. 0.1

Air Content (%)…… 5

Sulfide Sulfur (S)…… 0.73

Sulfate Ion (as SO_3)…… 0.21

Compressive Strength (psi
(psi of 50:50 slag and reference portland cement)
7 day…… 5254
28 day…… 8294

Activity Index
7 day…… 109%
28 day…… 137%

Specific Gravity (g/ml)…… 2.89

Autoclave Expansion…… 0.022

Certified by:

Jennifer K. Colburn

We hereby certify that this material complies with current ASTM C 989 and AASHTO M 302 Grade 120 specifications as well as CSA-A3001 Type S specifications for slag

BASF
The Chemical Company

3/4	03 30 00 03 40 00 03 70 00 04 05 16	**Product Data** Cast-in-Place Concrete Precast Concrete Mass Concrete Masonry Grouting

GLENIUM® 7500

Full-Range Water-Reducing Admixture

Description

GLENIUM® 7500 full-range water-reducing admixture is based on the next generation of polycarboxylate technology found in all of the GLENIUM 7000 series products. This technology combines state-of-the-art molecular engineering with a precise understanding of regional cements to provide specific and exceptional value to all phases of the concrete construction process.

GLENIUM 7500 admixture is very effective in producing concrete mixtures with different levels of workability including applications that require self-consolidating concrete (SCC). The use of GLENIUM 7500 admixture results in faster setting characteristics as well as improved early age compressive strength. GLENIUM 7500 admixture meets ASTM C 494/C 494M compliance requirements for Type A, water-reducing, and Type F, high-range water-reducing, admixtures.

Applications

Recommended for use in:

- Concrete with varying water reduction requirements (5-40%)
- Concrete where control of workability and setting time is critical
- Concrete where high flowability, increased stability, high early and ultimate strengths, and improved durability are needed
- Production of Rheodynamic® Self-Consolidating Concrete (SCC) mixtures
- 4x4™ Concrete for fast-track construction
- Pervious Concrete mixtures

Features

- Dosage flexibility for normal, mid-range and high-range applications
- Excellent early strength development
- Controls setting characteristics
- Optimizes slump retention/setting relationship
- Consistent air entrainment

Benefits

- Faster turnover of forms due to accelerated early strength development
- Reduces finishing labor costs due to optimized set times
- Use in fast track construction
- Minimizes the need for slump adjustments at the jobsite
- Less jobsite QC support required
- Fewer rejected loads
- Optimizes concrete mixture costs

Performance Characteristics

Concrete produced with GLENIUM 7500 admixture achieves significantly higher early age strength than first generation polycarboxylate high-range water-reducing admixtures. GLENIUM 7500 admixture also strikes the perfect balance between workability retention and setting characteristics in order to provide efficiency in placing and finishing concrete. The dosage flexibility of GLENIUM 7500 allows it to be used as a normal, mid-range, and high-range water reducer.

Guidelines for Use

Dosage: GLENIUM 7500 admixture has a recommended dosage range of 2-15 fl oz/cwt (130-975 mL/100 kg) of cementitious materials. For most mid to high-range applications, dosages in the range of 5-8 fl oz/cwt (325-520 mL/100 kg) will provide excellent performance. For high performance and Rheodynamic Self-Consolidating Concrete mixtures, dosages of up to 12 fl oz/cwt (780 mL/100 kg) of cementitious materials can be utilized. Because of variations in concrete materials, jobsite conditions and/or applications, dosages outside of the recommended range may be required. In such cases, contact your local BASF Construction Chemicals representative.

Mixing: GLENIUM 7500 admixture can be added with the initial batch water or as a delayed addition. However, optimum water reduction is generally obtained with a delayed addition.

Master Builders

Product Notes

Corrosivity – Non-Chloride, Non-Corrosive: GLENIUM 7500 admixture will neither initiate nor promote corrosion of reinforcing steel embedded in concrete, prestressing steel or of galvanized steel floor and roof systems. Neither calcium chloride nor other chloride-based ingredients are used in the manufacture of GLENIUM 7500 admixture.

Compatibility: GLENIUM 7500 admixture is compatible with most admixtures used in the production of quality concrete, including normal, mid-range and high-range water-reducing admixtures, air-entrainers, accelerators, retarders, extended set control admixtures, corrosion inhibitors, and shrinkage reducers.

Do not use GLENIUM 7500 admixture with admixtures containing beta-naphthalene sulfonate. Erratic behaviors in slump, workability retention and pumpability may be experienced.

Storage and Handling

Storage Temperature: GLENIUM 7500 admixture must be stored at temperatures above 40 °F (5 °C). If GLENIUM 7500 admixture freezes, thaw and reconstitute by mechanical agitation.

Shelf Life: GLENIUM 7500 admixture has a minimum shelf life of 9 months. Depending on storage conditions, the shelf life may be greater than stated. Please contact your local sales representative regarding suitability for use and dosage recommendations if the shelf life of GLENIUM 7500 admixture has been exceeded.

Packaging

GLENIUM 7500 admixture is supplied in 55 gal (208 L) drums, 275 gal (1040 L) totes and by bulk delivery.

Related Documents

Material Safety Data Sheets: GLENIUM 7500 admixture.

Additional Information

For additional information on GLENIUM 7500 admixture or on its use in developing concrete mixtures with special performance characteristics, contact your BASF Construction Chemicals representative.

The Admixture Systems business of BASF Construction Chemicals is a leading provider of innovative admixtures for specialty concrete used in the ready mix, precast, manufactured concrete products, underground construction and paving markets throughout the North American region. The Company's respected Master Builders brand products are used to improve the placing, pumping, finishing, appearance and performance characteristics of concrete.

LIMITED WARRANTY NOTICE. We warrant our products to be of good quality and will replace or, at our discretion, refund the purchase price of any products proved defective. Satisfactory results depend not only upon quality products, but also upon many factors beyond our control. Therefore, except for such replacement or refund, BASF MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, RESPECTING ITS PRODUCTS, and BASF shall have no other liability with respect thereto. Any claims regarding product defect must be received in writing within one (1) year from the date of shipment. User shall determine the suitability of the products for the intended use and assume all risks and liability in connection therewith. Any authorized change in the printed recommendations concerning the use of our products must bear the signature of the BASF Technical Manager.

This information and all further technical advice are based on BASF's present knowledge and experience. However, BASF assumes no liability for providing such information and advice including the extent to which such information and advice may relate to existing third party intellectual property rights, especially patent rights. BASF SHALL NOT BE RESPONSIBLE FOR CONSEQUENTIAL, INDIRECT OR INCIDENTAL DAMAGES (INCLUDING LOSS OF PROFITS) OF ANY KIND. BASF reserves the right to make any changes according to technological progress or further developments.

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BASF Construction Chemicals
Admixture Systems
www.masterbuilders.com
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Canada 1800 Clark Boulevard, Brampton, Ontario L6T 4M7 ● Tel: 800 387-5862 ● Fax: 905 792-0651

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NSF Certified to NSF/ANSI 61

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Master Builders

BASF

The Chemical Company

August 1, 2011

Hissong Ready-Mix & Aggregates
50 MacLellan Lane
Eliot, Maine 03903

Project: York Hospital Medical Services Building
Project location: Kittery, ME

Certificate of Conformance
GLENIUM® 7500
BASF Corporation* Admixture for Concrete

*(successor in interest to BASF Construction Chemicals, LLC , which is successor by merger to BASF Admixtures, Inc., formerly known as Degussa Admixtures, Inc., formerly known as Master Builders, Inc.)

I, Richard Hubbard, Sr. Technical Marketing Specialist for BASF Corporation, Cleveland, Ohio,certify:

That GLENIUM 7500 is a full-range water-reducing admixture manufactured by BASF Corporation; and

That no calcium chloride or chloride based ingredient is used in the manufacture of GLENIUM 7500; and

That GLENIUM 7500, based on the chlorides originating from all the ingredients used in its manufacture, contributes less than 0.00017 percent (1.7 ppm) chloride ions by weight of the cement when used at the rate of 65 mL per 100 kg (1 fluid ounce per 100 pounds) of cement; and

That GLENIUM 7500 meets the requirements for a Type A, Water-Reducing and Type F, Water-Reducing, High Range Admixture specified in ASTM C 494, Corps of Engineers' CRD-C 87 and AASHTO M194, the Standard Specifications for Chemical Admixtures for Concrete.

Richard Hubbard III

Richard Hubbard
Sr. Technical Marketing Specialist, BASF Corporation

BASF Corporation
23700 Chagrin Boulvard
Cleveland, OH 44122
216 839-7500 ph
www.masterbuilders.com

Master Builders
Admixture Solutions

Hissong Ready-Mix & Aggregates, LLC - Eliot, ME

Compressive Strength Analysis

4,000 PSI 3/4" NO AIR

Lab #	Sample Date	Air Temp (deg. F.)	Mix Temp (deg. F.)	Slump (inches)	Air Content (%)	7 Day Strength (psi)	28 Day Strength (psi)	28 Day Moving Average
79105	5/10/2010	51	66	5.5	2.6	4560	5980	
79116	6/18/2010	65	73	6.25	2.3	4080	5090	
79117	6/18/2010	83	80	6.25	1.8	3790	4800	5290
79118	6/18/2010	89	82	7.5	2.1	3510	4345	4745
79122	6/25/2010	63	74	8.25	1.1	3340	5120	4755
79123	6/30/2010	64	73	7.25	1.7	3890	5455	4973
79125	7/12/2010	70	82	6.75	1.7	3970	5375	5317
79126	7/13/2010	72	81	6.25	1.6	3700	5070	5300
79133	7/30/2010	61	77	6.5	2.6	3760	5460	5302
79135	8/2/2010	66	90	6	2	4010	5065	5198
79136	8/2/2010	75	80	6.75	1.7	3430	4635	5053
79144	8/20/2010	70	79	5.5	1.5	3490	4960	4887
79145	8/24/2010	69	73	5.75	2.3	3950	5110	4902
79147	8/26/2010	60	70	6.25	2.4	3690	4858	4976
79148	9/7/2010	60	77	6.5	1.6	3610	4675	4881
					Average	3785	5066	5045
					Range	3340	4345	4745
						4560	5980	5317

POZZUTEC® 20+

Accelerating Admixture

Description

Pozzutec® 20+ admixture is a multi-component, non-chloride, water-reducing and accelerating admixture formulated to accelerate concrete setting time and increase early and ultimate strengths across a wide range of ambient temperatures (hot, mild, cold and subfreezing). Pozzutec 20+ admixture meets ASTM C 494/C 494M requirements for Type C, accelerating, and Type E, water-reducing and accelerating, admixtures.

Applications

Recommended for use in:

- Concrete being placed in subfreezing ambient conditions
- Reinforced, precast, pumped, flowable, lightweight or normal weight concrete and shotcrete (wet mix)
- Concrete placed on galvanized steel floor and roof systems
- Prestressed concrete
- Fast-track concrete construction
- Concrete subject to chloride ion limitations
- Rheodynamic® Self-Consolidating Concrete
- Pervious Concrete
- 4x4™ Concrete

Features

- Accelerated setting time
- Especially effective for concrete placement at ambient temperatures as low as 20 °F (-7 °C)
- Superior workability
- Increased early and ultimate strength
- Superior finishing characteristics for flatwork and cast surfaces

Benefits

- Earlier finishing of slabs – reduced labor costs
- Reduced in-place concrete costs
- Reduced or eliminated heating and protection time in cold weather
- Earlier stripping and reuse of forms

Performance Characteristics

Mix Data

Type II cement, lb/yd^3 (kg/m^3)	600 (356)
Slump, in. (mm)	4 ± 1 (100 ± 25)
Air Content, %	Non–air–entrained concrete
Concrete Temperature	55 °F (12 °C)

Mild Weather

Setting Time: Ambient Temperature: 70 °F (21 °C)

	Time of Set	
Mix	Initial Set (h:min)	Comparison (h:min)
Plain	4:30	REF
Pozzutec 20+ admixture @ 10 fl oz/cwt (650 mL/100 kg)	3:18	– 1:12

Cold Weather

Setting Time: Ambient Temperature: 50 °F (10 °C)

	Time of Set	
Mix	Initial Set (h:min)	Comparison (h:min)
Plain	5:48	REF
Pozzutec 20+ admixture @ 20 fl oz/cwt (1,300 mL/100 kg)	4:00	–1:48

Subfreezing Weather

Setting Time: Ambient Temperature: 30 °F (–1 °C)

	Time of Set	
Mix	Initial Set (h:min)	Comparison (h:min)
Plain	12:12	REF
Pozzutec 20+ admixture @		
60 fl oz/cwt (3,910 mL/100 kg)	3:54	– 8:18
90 fl oz/cwt (5,850 mL/100 kg)	2:24	– 9:48

Guidelines for Use

Dosage: The specific dosage of Pozzutec 20+ admixture for a given application is dependent on ambient and concrete temperatures, cement chemistry, concrete mixture proportions, the amount of set time acceleration needed and strength performance required. Listed below are the recommended dosage ranges for various weather applications.

Recommended Dosage for Mild and Cold Weather Applications: Use 5 - 60 fl oz/cwt (325 - 3,910 mL/100 kg) of cementitious material. As the dosage rate of Pozzutec 20+ admixture is increased, setting time is accelerated and early and ultimate strengths are increased.

Recommended Dosage for Subfreezing Weather Applications: Use 60 - 90 fl oz/cwt (3,910 - 5,870 mL /100 kg) of cementitious material to reduce the freezable water content of the mixture, to accelerate setting time and to provide early protection against freezing while the concrete is plastic in subfreezing temperatures.

Conservation of the heat generated by the concrete through the use of wind protection and/or insulation will permit placement in subfreezing ambient temperatures. See ACI 306.1, "Standard Specification for Cold Weather Concreting," and ACI 306 R, "Cold Weather Concreting" for recommended protection in cold weather.

Exposure to air movement, concrete surface to volume ratio, and mixture proportions affect performance under extreme cold weather conditions. Concrete containing Pozzutec 20+ admixture may reduce or eliminate the need for recognized protective measures and protection time required in cold or subfreezing weather concreting applications. Field evaluations of the concrete mixture selected for the project should be performed using local materials to determine: the optimum dosage rate of Pozzutec 20+ admixture required to achieve the desired setting time and strength performance, the minimum acceptable ambient and concrete temperatures for placement, and if the recognized protective measures and protection time required for cold and subfreezing weather concreting may be reduced or eliminated.

Concrete containing Pozzutec 20+ admixture that will be exposed to subfreezing weather conditions must be sealed to prevent the ingress of additional water to hardened concrete during curing. A surface sealer must be applied as soon as the concrete reaches initial set or finishing is complete. Confilm® evaporation reducer is recommended to minimize evaporation of surface moisture.

Product Notes

Corrosivity – Non-Chloride, Non-Corrosive: Pozzutec 20+ admixture will neither initiate nor promote corrosion of reinforcing steel in concrete.

Compatibility: Pozzutec 20+ admixture can be used as a singular admixture or as a component in a BASF Construction Chemicals admixture system. When used with other admixtures, each admixture must be dispensed separately into the mixture.

In applications that require Pozzutec 20+ admixture dosages of 30 fl oz/cwt (1,950 mL/100 kg) or more, the use of a Glenium® high-range water-reducing admixture is recommended to obtain increased water reduction and strength performance. At such dosages, erratic slump behavior may be experienced when Pozzutec 20+ admixture is used in concrete mixtures that also contain naphthalene-based admixtures.

Storage and Handling

Storage Temperature: Store at 0 °F (-18 °C) or above. If Pozzutec 20+ admixture freezes, thaw at 35 °F (2 °C) or above and completely reconstitute by mild mechanical agitation. ***Do not use pressurized air for agitation.***

Shelf Life: Pozzutec 20+ admixture has a minimum shelf life of 12 months. Depending on storage conditions, the shelf life may be greater than stated. Please contact your BASF Construction Chemicals representative regarding suitability for use and dosage recommendations if the shelf life of Pozzutec 20+ admixture has been exceeded.

Packaging

Pozzutec 20+ admixture is supplied in 55 gal (208 L) drums, 275 gal (1040 L) totes and by bulk delivery.

Related Documents

Material Safety Data Sheets: Pozzutec 20+ admixture.

Additional Information

For additional information on Pozzutec 20+ admixture or its use in developing a concrete mixture with special performance characteristics, contact your BASF Construction Chemicals representative.

The Admixture Systems business of BASF Construction Chemicals is a leading provider of innovative admixtures for specialty concrete used in the ready mix, precast, manufactured concrete products, underground construction and paving markets throughout the NAFTA region. The Company's respected Master Builders brand products are used to improve the placing, pumping, finishing, appearance and performance characteristics of concrete.

BASF Construction Chemicals, LLC
Admixture Systems

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Canada 1800 Clark Boulevard, Brampton, Ontario L6T 4M7 ■ Tel: 800 387-5862 ■ Fax: 905 792-0651

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APPENDIX J
CONCRETE PAD DOCUMENTATION

J2 – Concrete Batch Tickets

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8779

HISSONG READY-MIX & AGGREGATES, LLC

DISPATCH
PHONE 207-439-3535

MAILING ADDRESS
48 YORK STREET, SUITE 2
KENNEBUNK, ME 04043
PHONE 207-985-9345

PLANT	TIME	DATE	ACCOUNT	PHONE	TRUCK	DRIVER	TICKET
1	07:53 AM	11/16/11			323	Tim	

CUSTOMER	DELIVERY ADDRESS
H.L.PATTEN CONSTRUCTION P.O.BOX 450 KITTERY,ME.03904 8 30	PNSY BUILDING 184 KITTERY,ME. MEET AT THE CONSTRUCTION GATE, NEAR RAILROAD.

PURCHASE ORDER	SALES ORDER	TAX	CREDIT			SLUMP
						5

LOAD QTY	PRODUCT	DESCRIPTION	ORDERED	DELIVERED	UNIT PRICE	AMOUNT
11.00	404848NA	4000 PSI 3/4	33	11	0.00	0.00
11.00	900102	Winter Service				
11.00	900430	Mid-Range Water Reducer				

LEAVE PLANT	ARRIVE JOB SITE	START DISCHARGE	FINISH DISCHARGE	ARRIVE PLANT
:	8:30	:	:	:

SUB TOTAL
DISCOUNT
TAX
TOTAL
PREVIOUS TOTAL
GRAND TOTAL

TRIM 2.00

ACCOUNTING COPY

8782

HISSONG READY-MIX & AGGREGATES, LLC

DISPATCH
PHONE 207-439-3535

MAILING ADDRESS
48 YORK STREET, SUITE 2
KENNEBUNK, ME 04043
PHONE 207-985-9345

PLANT	TIME	DATE	ACCOUNT	PHONE	TRUCK	DRIVER	TICKET
1	08:32 AM	11/16/11			302	Len	

CUSTOMER	DELIVERY ADDRESS
H.L.PATTEN CONSTRUCTION P.O.BOX 450 KITTERY,ME.03904	PNSY BUILDING 184 KITTERY,ME. MEET AT THE CONSTRUCTION GATE, NEAR RAILROAD.

PURCHASE ORDER	SALES ORDER	TAX	CREDIT			SLUMP
						5

LOAD QTY	PRODUCT	DESCRIPTION	ORDERED	DELIVERED	UNIT PRICE	AMOUNT
11.00	404848NA	4000 PSI 3/4	33	22	0.00	0.00
11.00	900102	Winter Service				
11.00	900430	Mid-Range Water Reducer				

LEAVE PLANT	ARRIVE JOB SITE	START DISCHARGE	FINISH DISCHARGE	ARRIVE PLANT
8:49	:	:	:	:

SUB TOTAL
DISCOUNT
TAX
TOTAL
PREVIOUS TOTAL
GRAND TOTAL

TRIM -2.00

ACCOUNTING COPY

8784

HISSONG READY-MIX & AGGREGATES, LLC

DISPATCH
PHONE 207-439-3535

MAILING ADDRESS
48 YORK STREET, SUITE 2
KENNEBUNK, ME 04043
PHONE 207-985-9345

PLANT	TIME	DATE	ACCOUNT	PHONE	TRUCK	DRIVER	TICKET
1	09:48 AM	11/16/11			323	Tim	

CUSTOMER	DELIVERY ADDRESS
H.L.PATTEN CONSTRUCTION P.O.BOX 450 KITTERY ME.03904 10 52	PNSY BUILDING 184 KITTERY,ME. MEET AT THE CONSTRUCTION GATE, NEAR RAILROAD.

PURCHASE ORDER	SALES ORDER	TAX	CREDIT			SLUMP
						5

LOAD QTY	PRODUCT	DESCRIPTION	ORDERED	DELIVERED	UNIT PRICE	AMOUNT
11.00	404848NA	4000 PSI 3/4	33	33	0.00	0.00
11.00	900102	Winter Service				
11.00	900430	Mid-Range Water Reducer 6''				

LEAVE PLANT	ARRIVE JOB SITE	START DISCHARGE	FINISH DISCHARGE	ARRIVE PLANT
:	10:25	:	:	:

SUB TOTAL
DISCOUNT
TAX
TOTAL
PREVIOUS TOTAL
GRAND TOTAL

TRIM -2.00

ACCOUNTING COPY

8788

HISSONG READY-MIX & AGGREGATES, LLC

DISPATCH
PHONE 207-439-3535

MAILING ADDRESS
48 YORK STREET, SUITE 2
KENNEBUNK, ME 04043
PHONE 207-985-9345

PLANT	TIME	DATE	ACCOUNT	PHONE	TRUCK	DRIVER	TICKET
1	10:41 AM	11/16/11			302	Len	

CUSTOMER	DELIVERY ADDRESS
H.L.PATTEN CONSTRUCTION P.O.BOX 450 KITTERY,ME.03904	PNSY BUILDING 184 KITTERY,ME. MEET AT THE CONSTRUCTION GATE, NEAR RAILROAD.

PURCHASE ORDER	SALES ORDER	TAX	CREDIT			SLUMP
						5

LOAD QTY	PRODUCT	DESCRIPTION	ORDERED	DELIVERED	UNIT PRICE	AMOUNT
11.00	404848NA	4000 PSI 3/4	44	44	0.00	0.00
11.00	900102	Winter Service				
11.00	900430	Mid-Range Water Reducer				

LEAVE PLANT	ARRIVE JOB SITE	START DISCHARGE	FINISH DISCHARGE	ARRIVE PLANT
11:00	11:15	:	:	:

SUB TOTAL
DISCOUNT
TAX
TOTAL
PREVIOUS TOTAL
GRAND TOTAL

TRIM -2.00

ACCOUNTING COPY

APPENDIX J
CONCRETE PAD DOCUMENTATION

J3 – Report of Concrete Compressive Strength

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S.W.COLE ENGINEERING, INC.

Report of Concrete Compressive Strength

ASTM C-31 & C-39

Project Name: Kittery ME - Portsmouth Naval Ship Yard - Building 184 Slab Repair - Materials Testing

Project Number: 11-1199

Client Contract Number:

Client: H.L. Patten Construction, Inc.

General Contractor: H.L. Patten Construction, Inc.

Concrete Supplier: HISSONG ELIOT

PLACEMENT INFORMATION

Date Cast: 11/16/2011 **Time Cast:** 9:15 **Date Received:** 11/17/2011

Placement Location: INTERIOR SLAB REPAIR BLDG. 184 6" SLAB

Placement Method: PUMP

Cylinders Made By: JASON REDMOND

Placement Vol. (yd³): 44

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) 59 **Maximum (°F)** 74

DELIVERY INFORMATION

Admixtures: MRWR

TEST RESULTS

Slump (in) (C-143): **Slump WR:** 7 1/2

Air Content (%) (C-231): **Air WR:** 1.7

Air Temp (°F): 52

Conc. Temp (°F) (C-1064): 63

Load Number: 1

Mixer Number: 323

Ticket Number 8779

Cubic Yards: 11

Design (psi): 4000

Batch 7:53

Arrive 8:27

Depart 9:20

Cylinder Designation	Cylinder Weight (lbs)	Cylinder Diameter (in)	Cross Sectional Area(in)²	Date Of Test	Cure Type	Age (days)	Fracture Type	Load (kips)	Strength (psi)
936-1A	8.52	4.01	12.60	11/21/2011	Lab	5	4	50.9	4040
936-1B	8.54	4.01	12.63	11/23/2011	Lab	7	4	62.8	4970
936-1C	8.57			12/14/2011	Lab	28			
936-1D	8.48			Hold	Lab				

Fracture Types

1 Cone; 2 Cone and Split; 3 Cone and Shear; 4 Shear; 5 Columnar

E-MAILED NOV 28 2011 SWC Website

Remarks:

10 Centre Road, Somersworth, NH 03878-2928 • Tel (603) 692-0088 • Fax (603) 692-0044 • www.swcole.com

S.W.COLE ENGINEERING, INC.

Report of Concrete Compressive Strength

ASTM C-31 & C-39

Project Name: Kittery ME - Portsmouth Naval Ship Yard - Building 184 Slab Repair - Materials Testing

Project Number: 11-1199

Client Contract Number:

Client: H.L. Patten Construction, Inc.

General Contractor: H.L. Patten Construction, Inc.

Concrete Supplier: HISSONG ELIOT

PLACEMENT INFORMATION

Date Cast: 11/16/2011 **Time Cast:** 9:40 **Date Received:** 11/17/2011

Placement Location: INTERIOR SLAB REPAIR BLDG. 184 6" SLAB

Placement Method: PUMP

Cylinders Made By: JASON REDMOND

Placement Vol. (yd³): 44

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) 59 **Maximum (°F)** 74

DELIVERY INFORMATION

Admixtures: MRWR

TEST RESULTS

Slump (in) (C-143): **Slump WR:** 7

Air Content (%) (C-231): **Air WR:** 1.7

Air Temp (°F): 52

Conc. Temp (°F) (C-1064): 64

Load Number: 2

Mixer Number: 302

Ticket Number 8782

Cubic Yards: 11

Design (psi): 4000

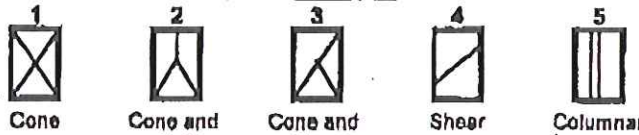
Batch 8:32

Arrive 9:15

Depart 9:50

Cylinder Designation	Cylinder Weight (lbs)	Cylinder Diameter (in)	Cross Sectional Area(in)²	Date Of Test	Cure Type	Age (days)	Fracture Type	Load (kips)	Strength (psi)
936-2A	8.49	4.01	12.60	11/21/2011	Lab	5	4	55.6	4410
936-2B	8.53	4.01	12.60	11/23/2011	Lab	7	4	66.3	5260
936-2C	8.56			12/14/2011	Lab	28			
936-2D	8.56			Hold	Lab				

Fracture Types



1 Cone; 2 Cone and Split; 3 Cone and Shear; 4 Shear; 5 Columnar

E-MAILED NOV 28 2011 SWC Website

Remarks:

10 Centre Road, Somersworth, NH 03878-2926 • Tel (603) 692-0088 • Fax (603) 692-0044 • www.swcole.com

S.W.COLE ENGINEERING, INC.

Report of Concrete Compressive Strength

ASTM C-31 & C-39

Project Name: Kittery ME - Portsmouth Naval Ship Yard - Building 184 Slab Repair - Materials Testing

Project Number: 11-1199

Client Contract Number:

Client: H.L. Patten Construction, Inc.

General Contractor: H.L. Patten Construction, Inc.

Concrete Supplier: HISSONG ELIOT

PLACEMENT INFORMATION

Date Cast: 11/16/2011 **Time Cast:** 10:40 **Date Received:** 11/17/2011

Placement Location: INTERIOR SLAB REPAIR BLDG. 184 6" SLAB

Placement Method: PUMP

Cylinders Made By: JASON REDMOND

Placement Vol. (yd³): 44

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) 59 **Maximum (°F)** 74

DELIVERY INFORMATION

Admixtures: MRWR

TEST RESULTS

Slump (in) (C-143): **Slump WR:** 6 1/2

Air Content (%) (C-231): **Air WR:** 1.7

Air Temp (°F): 52

Conc. Temp (°F) (C-1064): 66

Load Number: 3

Mixer Number: 323

Ticket Number 8784

Cubic Yards: 11

Design (psi): 4000

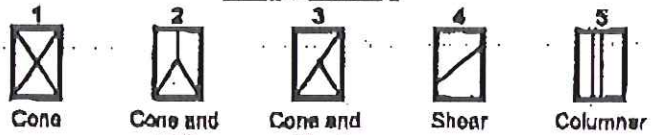
Batch 9:48

Arrive 10:25

Depart 10:55

Cylinder Designation	Cylinder Weight (lbs)	Cylinder Diameter (in)	Cross Sectional Area(in)²	Date Of Test	Cure Type	Age (days)	Fracture Type	Load (kips)	Strength (psi)
936-3A	8.57	4.01	12.60	11/21/2011	Lab	5	4	51.7	4100
936-3B	8.54	4.01	12.63	11/23/2011	Lab	7	4	63.4	6020
936-3C	8.57			12/14/2011	Lab	28			
936-3D	8.56			Hold	Lab				

Fracture Types



1 Cone; 2 Cone and Split; 3 Cone and Shear; 4 Shear; 5 Columnar

E-MAILED NOV 28 2011 SWC Website

Remarks:

10 Centre Road, Somersworth, NH 03878-2926 • Tel (603) 692-0088 • Fax (603) 692-0044 • www.swcole.com

S.W.COLE ENGINEERING, INC.

Report of Concrete Compressive Strength

ASTM C-31 & C-39

Project Name: Kittery ME - Portsmouth Naval Ship Yard - Building 184 Slab Repair - Materials Testing

Project Number: 11-1199

Client Contract Number:

Client: H.L. Patten Construction, Inc.

General Contractor: H.L. Patten Construction, Inc.

Concrete Supplier: HISSONG ELIOT

PLACEMENT INFORMATION

Date Cast: 11/16/2011 **Time Cast:** 11:30 **Date Received:** 11/17/2011

Placement Location: INTERIOR SLAB REPAIR BLDG. 184 6" SLAB

Placement Method: PUMP

Cylinders Made By: JASON REDMOND

Placement Vol. (yd³): 44

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) 59 **Maximum (°F)** 74

DELIVERY INFORMATION

Admixtures: MRWR

TEST RESULTS

Slump (in) (C-143): **Slump WR:** 6 3/4

Air Content (%) (C-231): **Air WR:** 1.7

Air Temp (°F): 52

Conc. Temp (°F) (C-1064): 65

Load Number: 4

Mixer Number: 302

Ticket Number 8788

Cubic Yards: 11

Design (psi): 4000

Batch 10:41

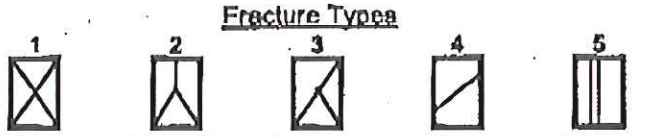
Arrive 11:05

Depart 11:45

Cylinder Designation	Cylinder Weight (lbs)	Cylinder Diameter (in)	Cross Sectional Area(in)²	Date Of Test	Cure Type	Age (days)	Fracture Type	Load (kips)	Strength (psi)
936-4A	8.57	4.01	12.63	11/21/2011	Lab	5	4	57.2	4530
936-4B	8.57	4.01	12.63	11/23/2011	Lab	7	4	66.4	5260
936-4C	8.55			12/14/2011	Lab	28			
936-4D	8.56			Hold	Lab				

E-MAILED NOV 28 2011 SWC Website

Fracture Types



1 Cone; 2 Cone and Split; 3 Cone and Shear; 4 Shear; 5 Columnar

Remarks:

APPENDIX K

CRYSTALLINE GROWTH INVESTIGATION MEMORANDUM

1. ***Technical Memorandum***
2. ***Attachment 1 - Piling Concrete/Aggregate Observations***
3. ***Attachment 2 - Figure 1 "Building 184 Sample Location Map" & Representative Photographs***
4. ***Attachment 3 - Microtrace Report – MT12-0054 – Identification of Crystalline Material***
5. ***Attachment 4 - Laboratory Report – pH Sampling of Crystalline Growth***
6. ***Attachment 5 - Laboratory Report – Tank Vault Materials***

Note: In an effort aimed at reducing both paper consumption and the physical size of this report, Attachment 1 through 6 are only included in the electronic file on the CD attached to this Completion Report.

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APPENDIX K
CRYSTALLINE GROWTH INVESTIGATION MEMORANDUM

K1 – Technical Memorandum

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Technical Memorandum

500 EAST MAIN STREET, SUITE 1630 · NORFOLK, VIRGINIA 23510 · [MAIN] 757-640-6956 · [FAX] 757-640-6201

TO: Mr. Bryan Peed, RPM

FROM: William L. Deane, Jr., P.E.

DATE: 02/27/2013

RE: Crystalline Growth Investigation Memorandum
N62470-06-D-6007, CTO WE21 Interim Removal Action, Site 30, Former Galvanizing Tank Vault, Portsmouth Naval Shipyard, Kittery, Maine

CC: Elizabeth Middleton, P.E. (Navy); Fred Poulin (CBI), & Natasha Sullivan (CBI)

I. Purpose

The purpose of this technical memorandum is to document findings from and investigation into crystalline growth formations within Building 184 on board Portsmouth Naval Shipyard, Kittery, Maine.

II. Background

Shaw Environmental & Infrastructure Inc. (Shaw) was tasked with an interim removal action, encompassing the removal of a lined concrete vault which previously held a galvanizing process. The vault was lined with acid resistant bricks and an unknown fill material. Along the perimeter of the building, which aligned to the edge of the vault footprint was a crystalline growth. This growth was originally thought to be attributed to former activities related to the vault. During the interim removal activities, it was determined that the removal of the vault was unnecessary and therefore was backfilled with clean fill and the area restored. Several months after the interim removal action had completed, the crystalline growth began to reform at the base of the building columns, in the vicinity of the vault edge. Upon discovery, Shaw was tasked with investigating the composition and potential source of the crystalline growth.

III. Investigation

On April 4, 2012 10 samples were collected from various areas of Building 184. Samples locations were chosen with the oversight of the Navy Chemist Mr. Kenneth Bowers, the Navy RPM Ms. Linda Cole, the Shaw PM Mr. Fred Poulin, and the Shaw Chemist Ms. Natasha Kelley Sullivan. The sample locations were chosen based on their representation of the growth as a whole as well as their differentiating visual characteristics. Attachment 1 to this document contains a summary of observations from each piling area. Samples of the crystalline material and efflorescence from the brick, mortar, and concrete columns were collected either by scraping the material from the surface or drilling. Based on the range of characteristics present in the samples, three samples were chosen for submittal to Microtrace laboratories in Elgin, Illinois. Additional samples were collected, however these samples were held pending initial analysis of the primary samples, and later discarded. Sample locations and representative photographs can be found in **Figure 1 Building 184 Sample Location Map** (Attachment 2).

The first sample, identified as *SE Wall Office*, was collected from the corner of the southeast wall. The sample was a bubbled paint chip with the crystalline material in question on the surface of the paint chip. The laboratory Microtrace was instructed to analyze the material on the surface of the paint chip. At the recommendation of the laboratory, the paint chip was collected as part of the sample. This would allow the

laboratory to accurately distinguish the paint chip from the unknown crystalline growth. The material sampled was whitish in color and appeared to have a frail crystalline structure.

The second sample, identified as *Piling* 3, was collected from the bottom of piling three (Figure 1). The piling location was chosen due to the extensive amount of crystalline material present. The material appeared to be growth like, roundish in size, similar to a geode. The exterior of the formation was yellow in color and appeared to be hollow. The interior of the formation was white in appearance.

The third sample, identified as *West Wall Next to Station 2,* was of a crystalline like growth collected from the west wall across from station 2. Adjacent to piling 10, as identified on Figure 1. The material appeared to be a frail crystalline growth, white in color.

All samples were collected using a decontaminated putty knife and collected on wax paper and transferred to a laboratory pre-cleaned sample collection glass jar. As part of appropriate documentation, all sample bottles were adequately labeled and a Chain-of-Custody completed by Shaw personnel. The samples were placed in a cooler and cushioned to prevent breakage. The cooler was secured at the site with two custody seals prior to transport. Custody seals were signed and dated prior to shipment. The additional samples collected, were held for potential future analysis. The samples were received at Microtrace on 05 April 2012. The samples were analyzed using all or some of the following instrumentation Fourier transform infrared micro spectroscopy (micro-FTIR), x-ray diffraction (XRD), scanning electron microscopy- energy dispersive x-ray spectroscopy (SEM-EDS), and polarized light microscopy (PLM).

IV. Findings

The following section describes the findings both from the sampling of the crystalline growth and the sampling of the contents of the excavated vault. The entire report entitled *MT12-0054 – Identification of Crystalline Material* is included as Attachment 3 to this document.

A. Crystalline Growth

Microtrace results concluded the samples were a complex mixture of salts and other minerals as described in Table 1 of their report, dated 24 April 2012 (Attachment 3)

Table 1. Summary of identified mineral phases in the three samples examined.

Phase	**Formula**	**Sample 1** SE Wall Office	**Sample 2** Piling 3	**Sample 3** West Wall next to Station 2
Anhydrite	$CaSO_4$		Present	
Aphthitalite	$K_3Na(SO_4)_2$			Present
Epsomite	$MgSO_4.7H_2O$		Present	
Gypsum	$CaSO_4.2H_2O$		Present	
Halite	NaCl	Present		
Nordstrandite	$Al(OH)_3$		Present	
Pickeringite	$MgAl_2(SO_4)_4.22H_2O$		Present	
Quartz	SiO_2	Present	Present	Present
Thenardite	Na_2SO_4	Present	Present	Present
Thermonatrite	$Na_2CO_3.H_2O$			Present
Trona	$Na_3H(CO_3)_2.2H_2O$	Present		Present

"Sulfates appear to the major anions in all of the samples, although the dominant cations vary from sample to sample. Sample # 1 is composed mainly of sodium phases and is the only sample where chlorine, present as sodium chloride, was detected. Sample # 3 is also composed primarily of sodium salts but has increased amounts of potassium, present as the mineral aphthitalite. In addition to sodium sulfate, sodium carbonates were detected in samples # 1 and # 3. Sample # 2 is the outlier of the three and has numerous magnesium and aluminum sulfate phases including well-formed, acicular crystals of the magnesium-aluminum

sulfate mineral pickeringite. Quartz was detected in all three samples and almost certainly from the underlying substrates from which the samples were collected."

Microtrace concluded that the samples by their nature are crystalline efflorescence/corrosion products that are complex mixtures comprised of multiple crystalline phases in various hydration states. At the request of Navy, Shaw also performed pH testing on numerous samples of the crystalline growth. The results are provided in Attachment 4.

B. Tank Vault

During the Interim Removal Action, Shaw, in accordance with their disposal plan, sampled the fill material present within the vault, the acid brick lining, and the concrete from the top of the vault. All mediums were sampled for full toxicity characteristic leaching procedure (TCLP) parameter, polychlorinated biphenyls (PCBs) and Resource Conservation and Recovery Act (RCRA) elements. The analytical data was compared to the TCLP Maximum Contaminant Concentrations (40 CFR 261 6/96). The samples did not exceed the TCLP maximum contaminant concentrations, and therefore considered non-hazardous. The materials were deemed suitable for, and disposed of in a non-hazardous landfill. Laboratory reports from these sampling events are presented in Attachment 5 of this document.

V. Conclusion

Upon initial discovery of the crystalline growth, it was noted that all growth was confined to the interior of Building 184, at or above floor level, and primarily occurred on concrete surfaces. During the excavation of the tank vault, no crystalline growth, efflorescent staining or other visual indications of growth were noted below the floor level. All crystalline growth previously and continues to occur above grade, emanating from the concrete columns or brick wall structures.

Efflorescence is defined "as the movement of salts embedded in concrete and masonry structures after water has carried them to the surface. Efflorescence can be seen as a discoloration and as a powdery or crystalline substance on the face of the masonry. Efflorescence can be a variety of colors and patterns (though commonly white), depending on the materials water is moving through and the chemicals transported by the water."[1] Efflorescence occurs when an excess amount of water comes into contact with a surface of concrete or masonry that contains water soluble salts. The water must then migrate to an air exposed surface and evaporate, leaving behind the salts. The water can be introduced commonly from rain or ground water getting behind or underneath the concrete structure. Occasionally, the prolonged exposure to moisture and salts can cause efflorescence erosion in concrete as seen at the bottom of the pilings. This is common where salt is used for the process of melting ice and snow. It is known that salting agents are frequently used on the road directly behind the interior wall where the crystalline growth is evident. It is also known during the winter months that snow is plowed against that side of the building and that the melting snow containing salting agents may possibly be the source of the moisture and the soluble salts.

Based on the above described findings, a potential source and causation of the crystalline growth and efflorescence/corrosion is not evident, however based on the analysis in Section IV.B of this document, it can be inferred that the tank vault is not the primary source of the growth formations.

ATTACHMENTS

1. Piling Concrete/Aggregate Observations
2. Figure 1 "*Building 184 Sample Location Map*" & Representative Photographs.
3. Microtrace Report – *MT12-0054 – Identification of Crystalline Material*
4. Laboratory Report – pH Sampling of Crystalline Growth
5. Laboratory Report – Tank Vault Materials

[1]USAPHC FACT SHEET 55-022-0211

APPENDIX K
CRYSTALLINE GROWTH INVESTIGATION MEMORANDUM

K2– Attachment 1 - Piling Concrete/Aggregate Observations

Note: In an effort aimed at reducing both paper consumption and the physical size of this report, this attachment is included in the electronic file on the CD attached to this Completion Report.

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Piling Concrete/Aggregate Observations
Kittery Maine
Portsmouth Naval Shipyard
Site 30, Building 184
Shaw Project No. 139799

Piling 1: Could not observe aggregate. No crystalline growth, piling outside of tank area.
Piling 2: Some aggregate. Crystalline growth whitish/yellowish in color, piling inside of tank area.
Piling 3: Very little aggregate. Bountiful crystalline growth yellowish in color on exterior of growth, interior of growth whitish in color. Concrete very soft, piling inside of tank area.
Piling 4: Plentiful amounts of aggregate. Crystalline growth whitish/yellowish in color, piling inside of tank area.
Piling 5: Plentiful amounts of aggregate. No crystalline growth, piling inside of tank area.
Piling 6: Could not observe aggregate. No crystalline growth, piling inside of tank area.
Piling 7: Plentiful aggregate, finer in nature. No crystalline growth, piling inside of tank area.
Piling 8: Could not observe aggregate. No crystalline growth, piling inside of tank area. Leaking water from steam pipe pooling.
Piling 9: Could not observe aggregate. No crystalline growth, piling inside of tank area.
Piling 10: Plentiful aggregate. Some Crystalline growth whitish/yellowish in color, piling outside of tank area.

APPENDIX K
CRYSTALLINE GROWTH INVESTIGATION MEMORANDUM

K3– Attachment 2 – Figure "Building 184 Sample Location Map" & Representative Photographs

Note: In an effort aimed at reducing both paper consumption and the physical size of this report, this attachment is included in the electronic file on the CD attached to this Completion Report.

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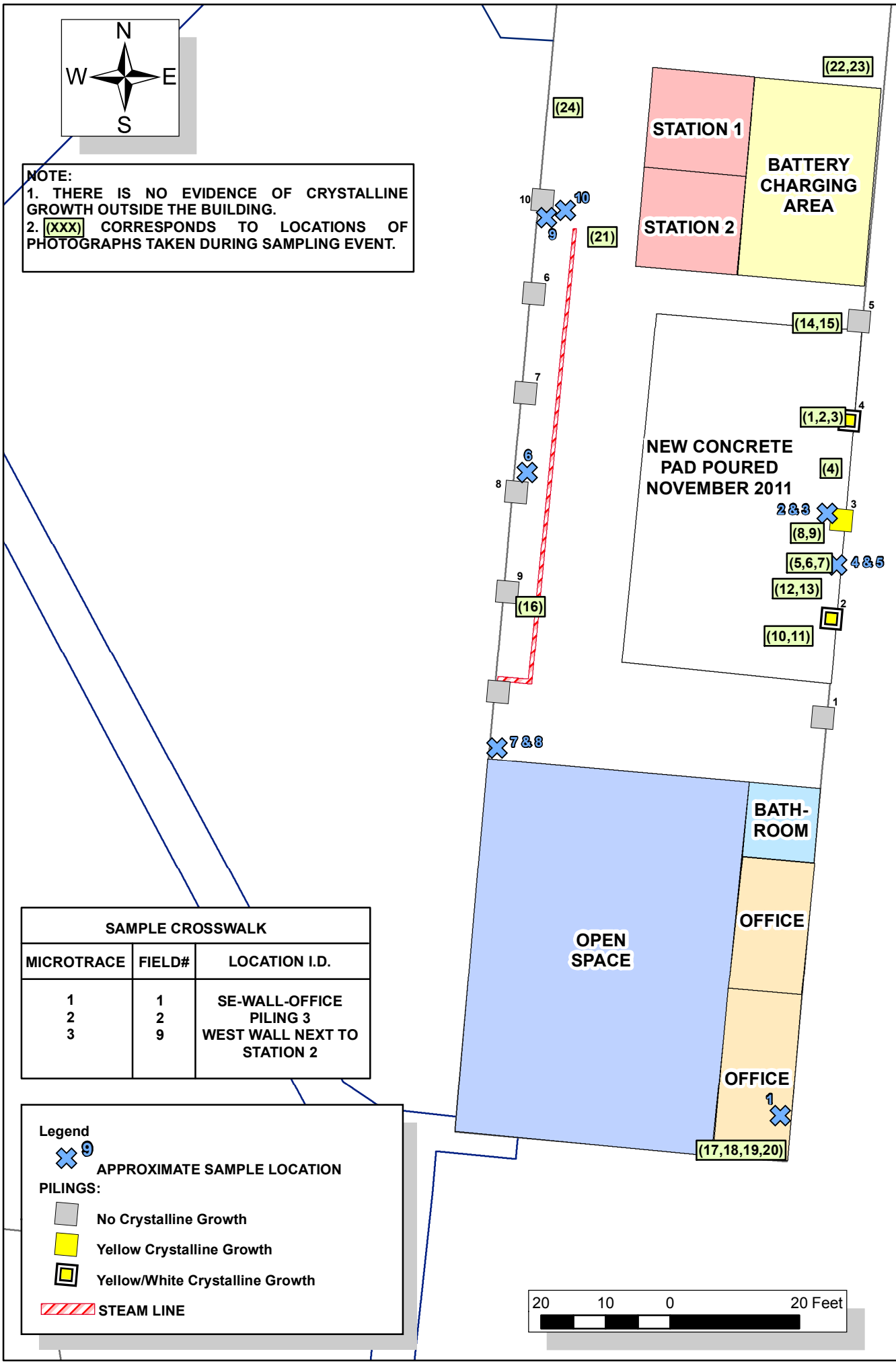

NOTE:
1. THERE IS NO EVIDENCE OF CRYSTALLINE GROWTH OUTSIDE THE BUILDING.
2. (XXX) CORRESPONDS TO LOCATIONS OF PHOTOGRAPHS TAKEN DURING SAMPLING EVENT.

SAMPLE CROSSWALK		
MICROTRACE	FIELD#	LOCATION I.D.
1 2 3	1 2 9	SE-WALL-OFFICE PILING 3 WEST WALL NEXT TO STATION 2

Legend

APPROXIMATE SAMPLE LOCATION

PILINGS:

No Crystalline Growth

Yellow Crystalline Growth

Yellow/White Crystalline Growth

STEAM LINE

REVISIONS				
REV	DATE	APRV'D	DESCRIPTION/ISSUE	
1	2/27/13		REVISED FOR TECH MEMO	

Shaw Environmental & Infrastructure, Inc.
(A CB&I Company)
500 East Main Street, Suite 1630
Norfolk, Virginia 23510

DESIGNED BY	JW	05/05/2011	02/27/2013
DRAWN BY	TFR	05/05/2011	02/27/2013
CHECKED BY	WLD		
APPROVED BY	FP		

DEPARTMENT OF NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVFAC Naval Facilities Engineering Command
PORTSMOUTH NAVAL SHIPYARD
KITTERY, MAINE

SITE 30

BUILDING 184 SAMPLE LOCATION MAP

SCALE: AS SHOWN
SIZE: 1
CONTRACT TASK ORDER: WE21
CONTRACT NO.: N62470-08-D-1007
NAVFAC DRAWING NO.

FIGURE1

APPENDIX K
CRYSTALLINE GROWTH INVESTIGATION MEMORANDUM

K4– Attachment 3 – Microtrace Report- MT00-0054 Identification of Crystalline Material

Note: In an effort aimed at reducing both paper consumption and the physical size of this report, this attachment is included in the electronic file on the CD attached to this Completion Report.

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24 April 2012

Ms. Natasha Sullivan
Shaw Environmental, Inc.
500 East Main Street
Norfolk, VA 23510

RE: MT12-0054 – Identification of Crystalline Material

Dear Ms. Sullivan,

We have completed our analysis of the three samples submitted to our laboratory, which were received on 05 April 2012. We were asked to identify the crystalline material in each of these. The results of our analyses are described in the report that follows.

Samples Received

The following samples were received in glass screw-top jars (Figures 1 and 2):

- Sample 1 – SE wall office
- Sample 2 – piling 3
- Sample 3 – west wall next to station 2

Analytical Approach and Results

Sample # 3
Sample three consists of a primarily white/off-white powder with miscellaneous particles (*e.g.*, mineral grains, paint fragments, fibers, *etc.*) dispersed throughout (Figure 3). Small, but representative amounts of this powder were mounted on glass slides in index of refraction oils for microscopical examination. This revealed that the powder consists primarily of fine anisotropic crystals (Figures 4 and 5).

Agglomerates in the powder with slightly different colors were analyzed chemically using Fourier transform infrared microspectroscopy (micro-FTIR). The resulting spectra were consistent with either sulfates or a mixture of sulfates and carbonates (primarily sodium sulfate and sodium carbonate) (Figures 6 and 7).

Elemental analysis of these agglomerates using energy dispersive x-ray spectroscopy (EDS) in a scanning electron microscope (SEM) confirms that sodium (Na) is the primary cation, although potassium (K) is detected as well (Figure 8). As expected, oxygen (O), sulfur (S), and carbon(C) are major contributors due to the presence of sulfates and carbonates.

A portion of this sample was isolated and most of the miscellaneous debris was physically removed using fine forceps under a stereomicroscope. The remaining material was homogenized in an agate mortar and pestle and prepared for analysis by x-ray diffraction (XRD). Multiple phases including sodium sulfate, two different hydrates of sodium carbonate, a potassium-sodium sulfate, and quartz were all identified (Figure 9). This is consistent with the elemental analysis of this homogenized material (Figure 10).

Sample # 1

Sample one consists of several large flakes of white paint with adhering material (Figure 11).[1] Crystalline material ranging in color from white to yellow is encrusted primarily on the exterior surface of the white paint (Figure 12). Crystalline particles from several areas were isolated and chemically analyzed by micro-FTIR. The resulting spectra were consistent with either sodium sulfate (Figure 13) or a more complex mixture of sulfates and carbonates (data not shown).

Material was scraped from the entire exterior surface of the largest paint flake and miscellaneous paint particles, fibers, and presumed brick particles were manually removed before the remaining crystalline material was homogenized in a mortar and pestle. The sample was prepared for analysis using XRD and from the resulting diffraction pattern we identified multiple phases including sodium sulfate (thenardite), a sodium carbonate phase (trona), sodium chloride, and quartz (Figure 14). This homogenized material was also elementally analyzed using SEM-EDS. All of the detected elements (Na, S, O, Cl, C, and Si) are accounted for by the phases identified using XRD, except minor amounts of potassium and aluminum (Al) (Figure 15). The aluminum and potassium could be present as potassium alumino-silicate minerals or other crystalline phases (*e.g.*, sulfates, carbonates, hydroxides or potassium chloride [KCl]).

Sample # 2

This sample is composed of large encrustations that are primarily white on one side and primarily yellow on the other (Figure 16). Distinct colorless, needle-shaped crystals were observed on the surface of these encrustations (Figures 17 and 18).

A few of these well-formed crystals were isolated for further analysis. Examination by a combination of PLM and SEM-EDS confirms their acicular crystal habit, shows that they are

[1] The reddish material on the interior surface of the paint looks like brick and was not analyzed. This material can be seen in Figure 11 where a portion of the larger paint flake has folded over on itself.

anisotropic with a positive sign of elongation, and are composed primarily of O, S, Al, and Mg with trace amounts of iron (Fe) and manganese (Mn) (Figures 19 – 22). Chemical analysis of the crystals indicates they are a sulfate, with an infrared spectrum similar to magnesium sulfate (Figure 23). Micro-Raman analysis allows us to identify these as crystals of the mineral pickeringite, which is an aluminum-magnesium sulfate double-salt which forms acicular crystals and is known to incorporate both iron and manganese into its monoclinic crystal lattice (Figure 24).

A portion of the large encrustation was homogenized in a mortar and pestle and analyzed using FTIR, XRD and SEM-EDS. The FTIR spectrum of the homogenized material is quite similar to the spectrum of the acicular crystals and indicates that sulfates are the major anion present (Figure 25). The XRD pattern indicates the presence of numerous crystalline phases including pickeringite, magnesium, calcium, and sodium sulfates, aluminum hydroxide, and quartz (Figure 26). The elements detected in the EDS spectrum of the homogenized material account for all of these phases (Figure 27).

Summary and Conclusions

Three samples of unknown material were submitted to our laboratory for analysis. By their nature, these crystalline efflorescences/corrosion products are complex mixtures comprised of multiple crystalline phases in various hydration states. As requested, we have identified the major crystalline phases present in each of the samples received. The identified phases are listed in Table 1.

Table 1. Summary of identified mineral phases in the three samples examined.

Phase	Formula	Sample 1	Sample 2	Sample 3
Anhydrite	$CaSO_4$		Present	
Aphthitalite	$K_3Na(SO_4)_2$			Present
Epsomite	$MgSO_4.7H_2O$		Present	
Gypsum	$CaSO_4.2H_2O$		Present	
Halite	NaCl	Present		
Nordstrandite	$Al(OH)_3$		Present	
Pickeringite	$MgAl_2(SO_4)_4.22H_2O$		Present	
Quartz	SiO_2	Present	Present	Present
Thenardite	Na_2SO_4	Present	Present	Present
Thermonatrite	$Na_2CO_3.H_2O$			Present
Trona	$Na_3H(CO_3)_2.2H_2O$	Present		Present

Sulfates appear to the major anions in all of the samples, although the dominant cations vary from sample to sample. Sample # 1 is composed mainly of sodium phases and is the only sample where chlorine, present as sodium chloride, was detected. Sample # 3 is also composed primarily of sodium salts but has increased amounts of potassium, present as the mineral aphthitalite. In addition to sodium sulfate, sodium carbonates were detected in samples # 1 and # 3. Sample # 2 is the outlier of the three and has numerous magnesium and aluminum sulfate phases including well-formed, acicular crystals of the magnesium-aluminum sulfate mineral pickeringite. Quartz was detected in all three samples and almost certainly originates from the underlying substrates from which the samples were collected.

If you have any questions concerning this report or if we may be of further assistance, please do not hesitate to contact either of us directly. Thank you for consulting Microtrace.

Sincerely,

Jason Beckert
Research Microscopist

Christopher S. Palenik, Ph.D.
Research Microscopist

MT12-0054
PO # 773632

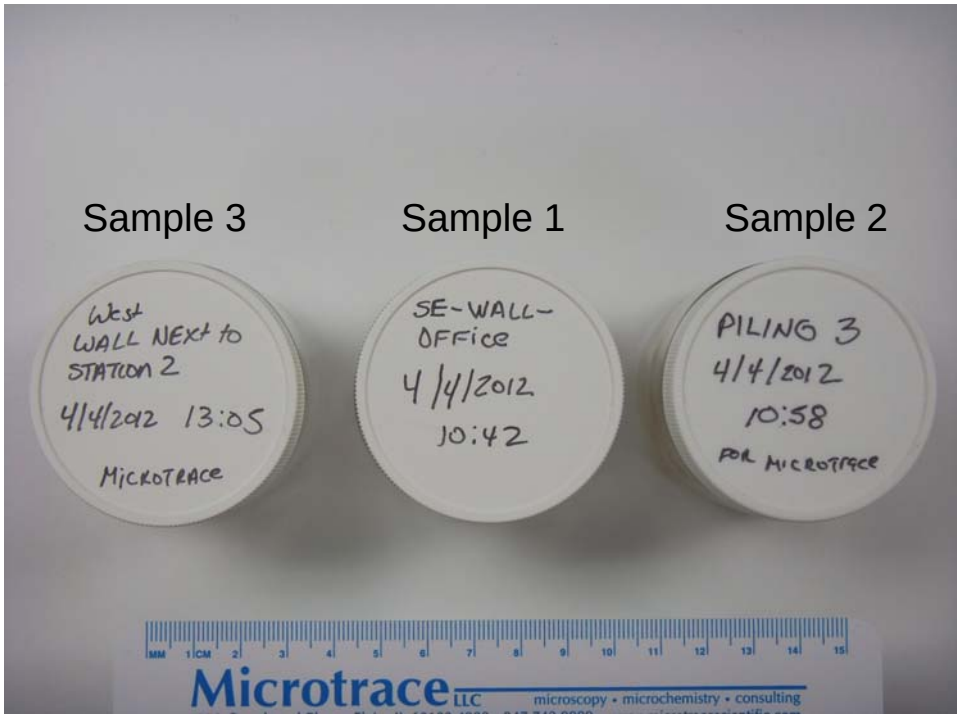

Figure 1. Tops of sample jars as received:

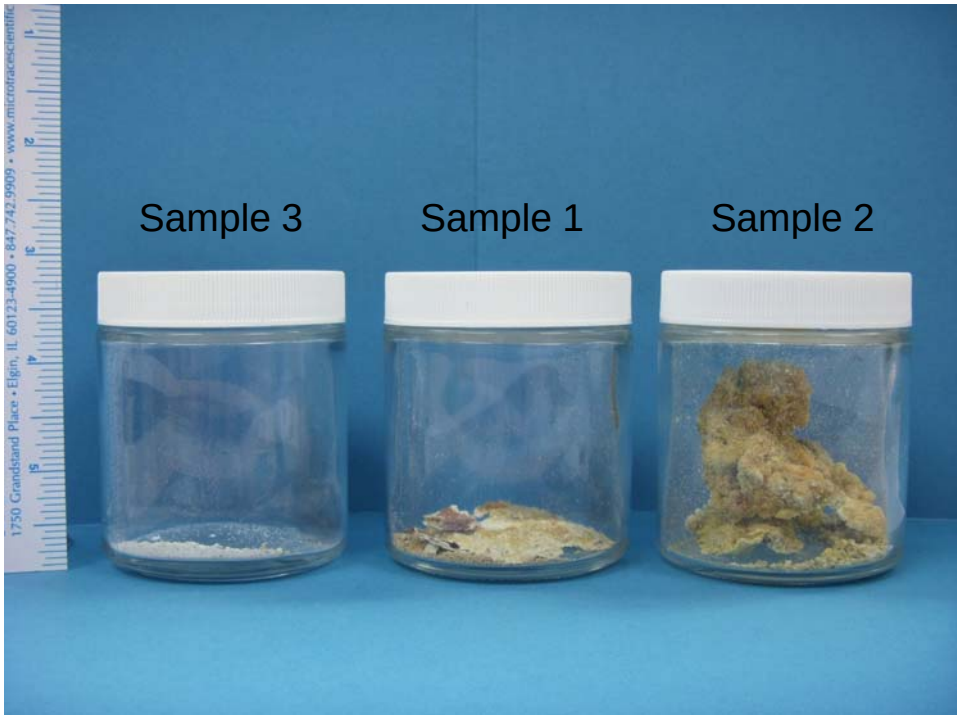

Figure 2. Contents of sample jars as received.

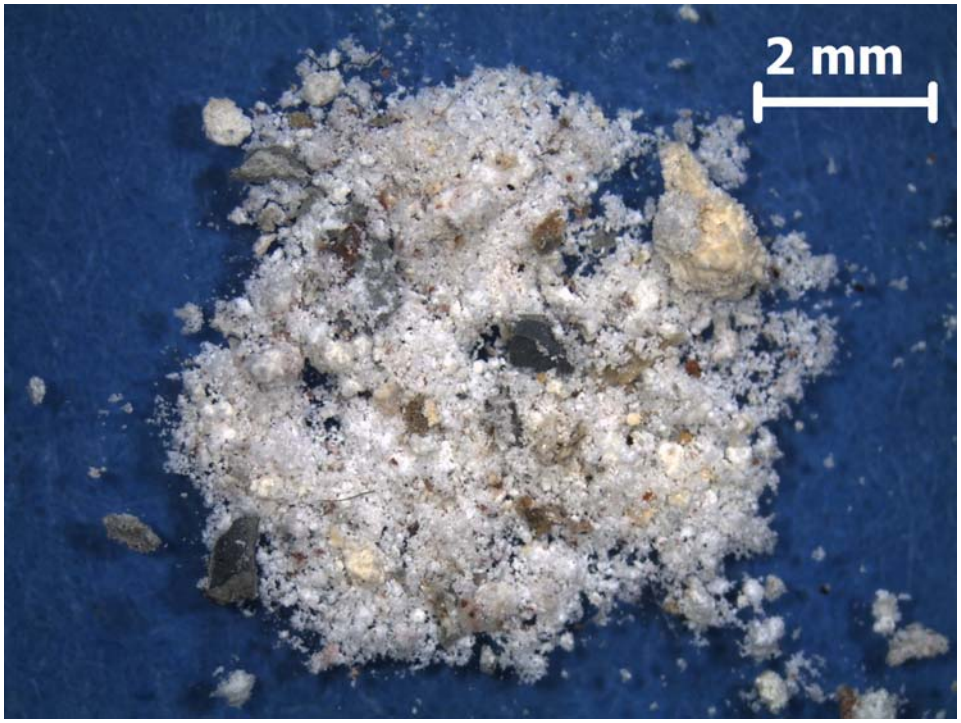

Figure 3. Portion of material from sample # 3.

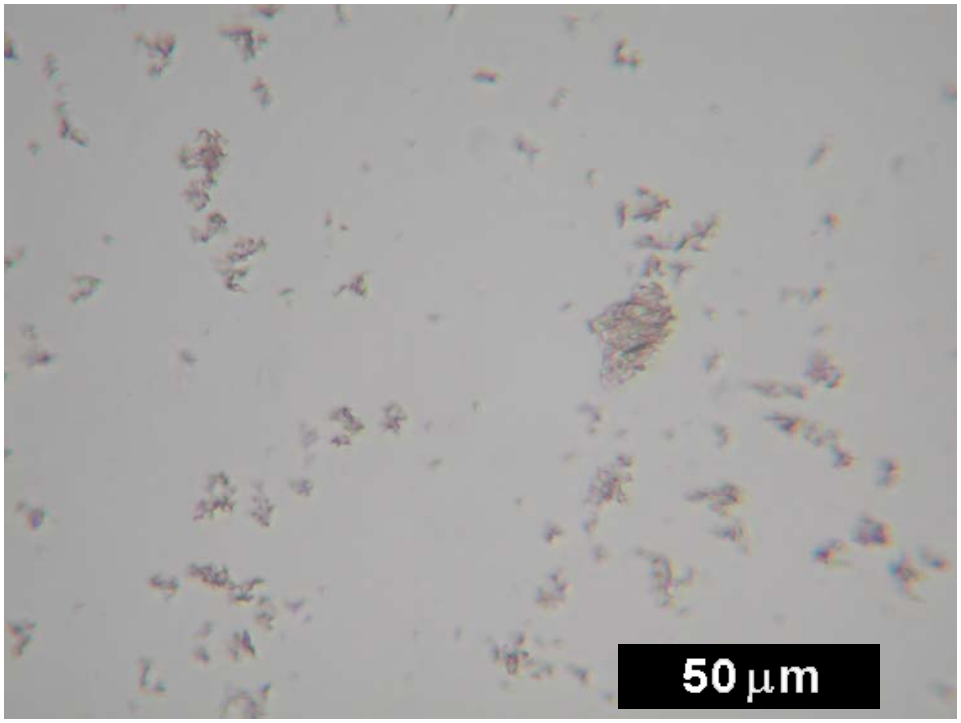

Figure 4. Crystalline material from sample # 3 (mounted in 1.66 index of refraction oil and viewed using transmitted light).

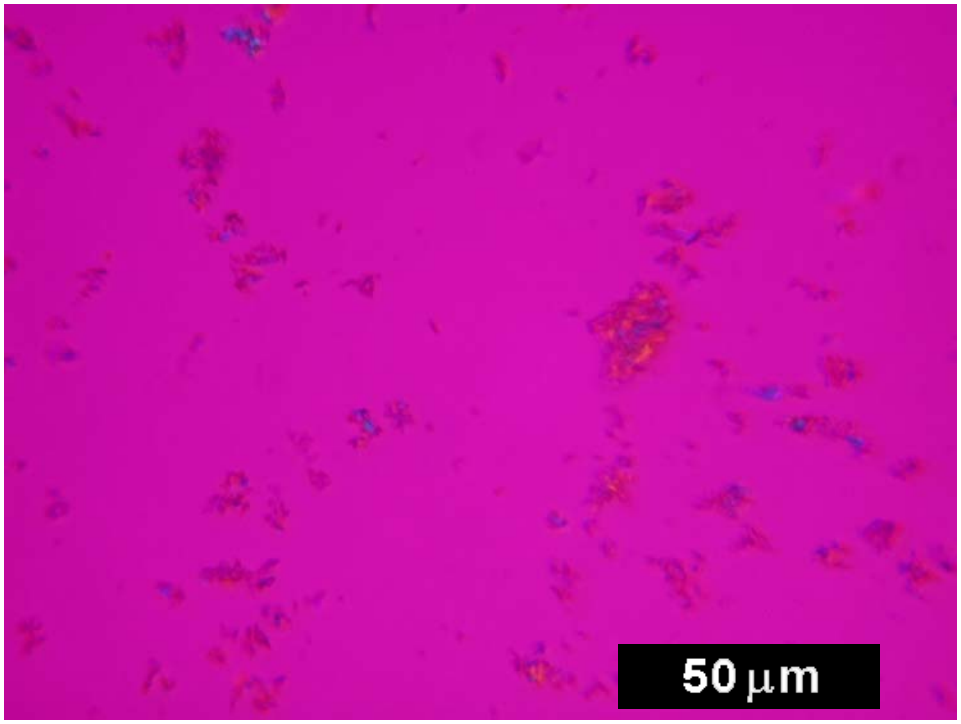

Figure 5. Same as above but viewed between crossed polars with a first order compensator inserted.

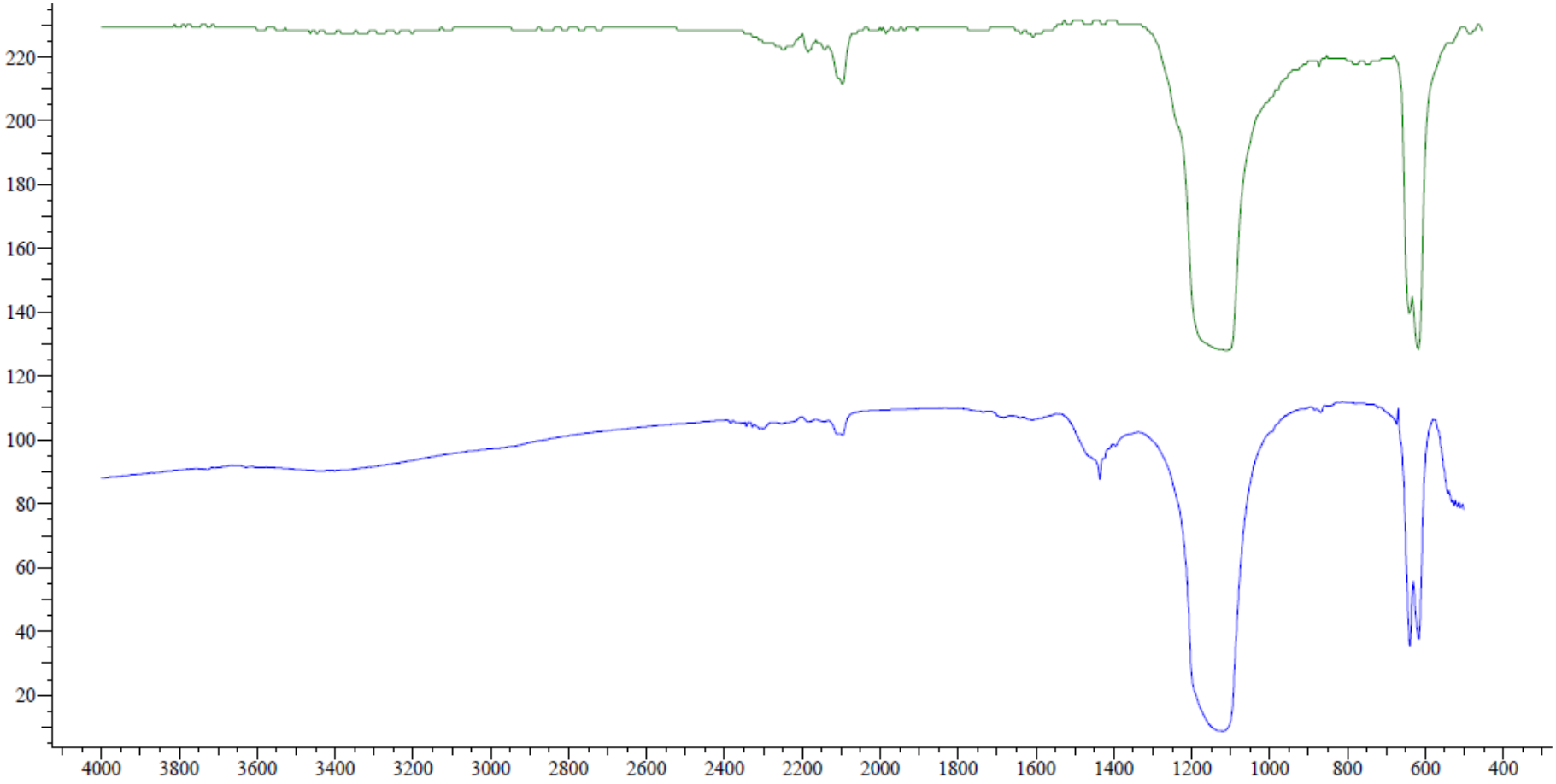

Figure 6. FTIR spectrum of a crystalline agglomerate from sample #3 (bottom) compared to a reference spectrum of sodium sulfate (top).

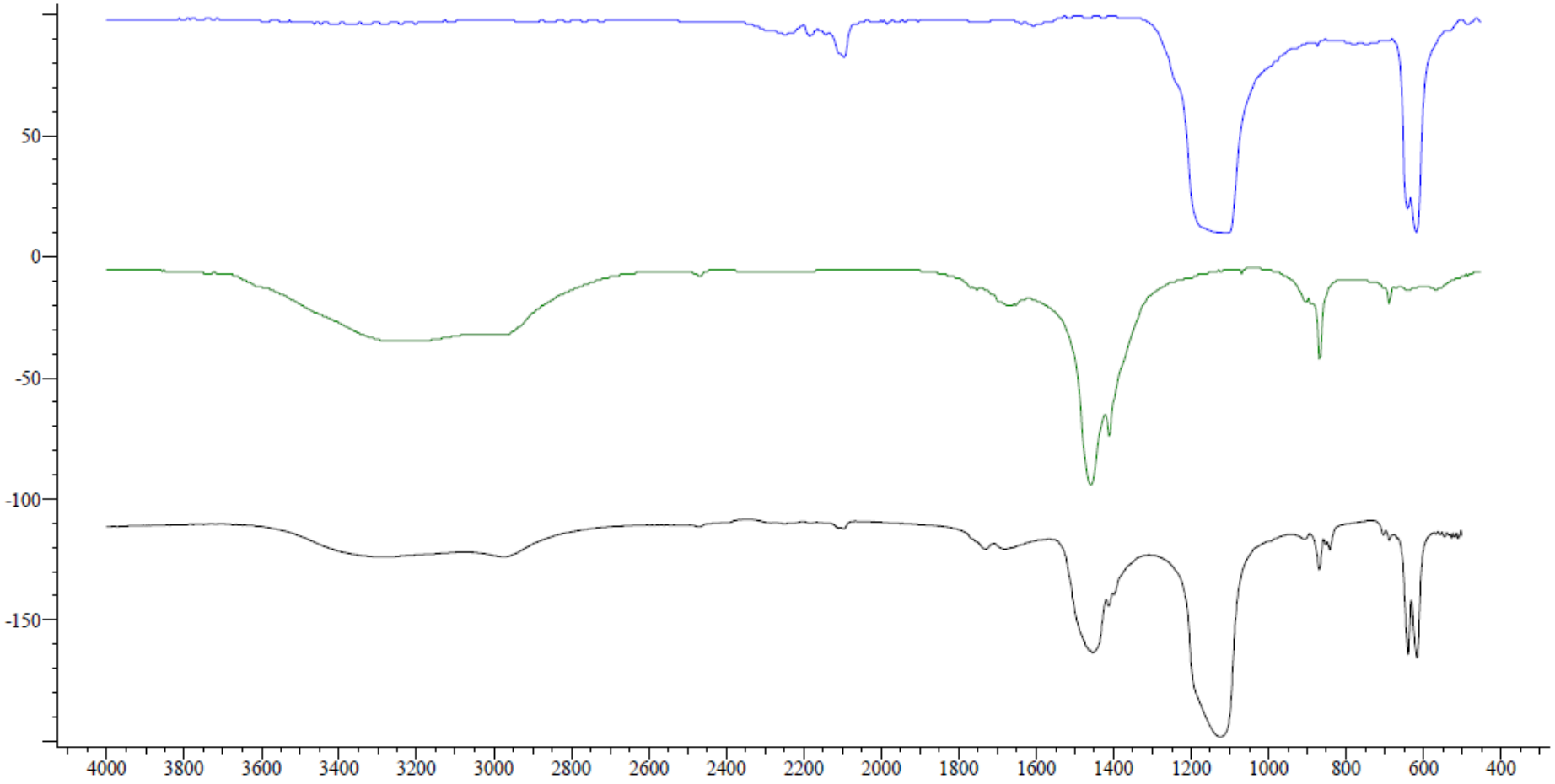

Figure 7. FTIR spectrum of a crystalline agglomerate from sample #3 (bottom) compared to reference spectra of sodium sulfate (top) and sodium carbonate (middle).

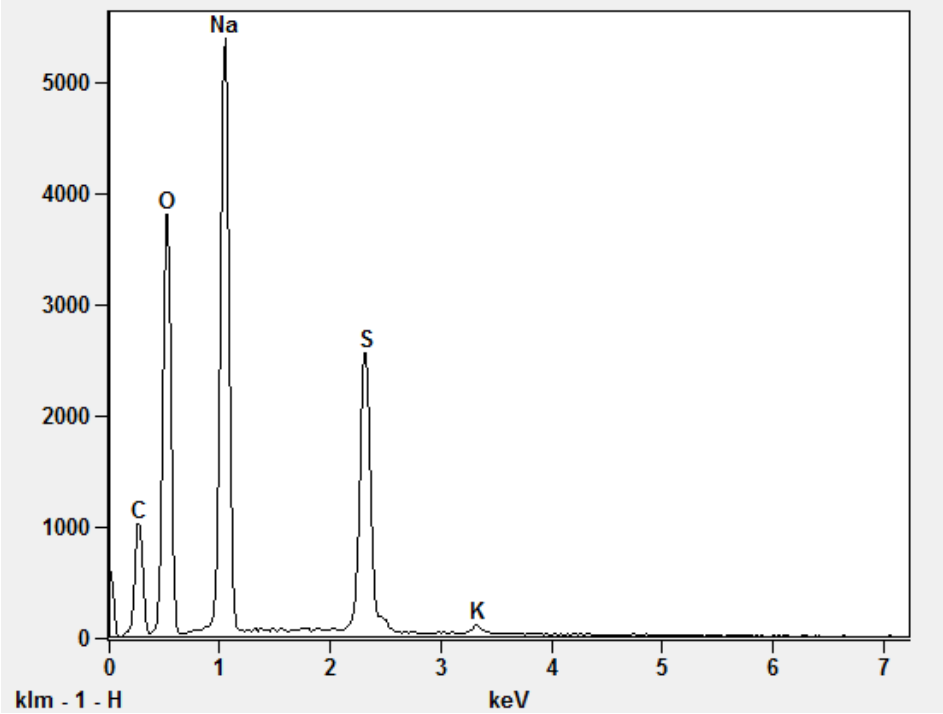

Figure 8. EDS spectrum of a crystalline agglomerate from sample # 3.

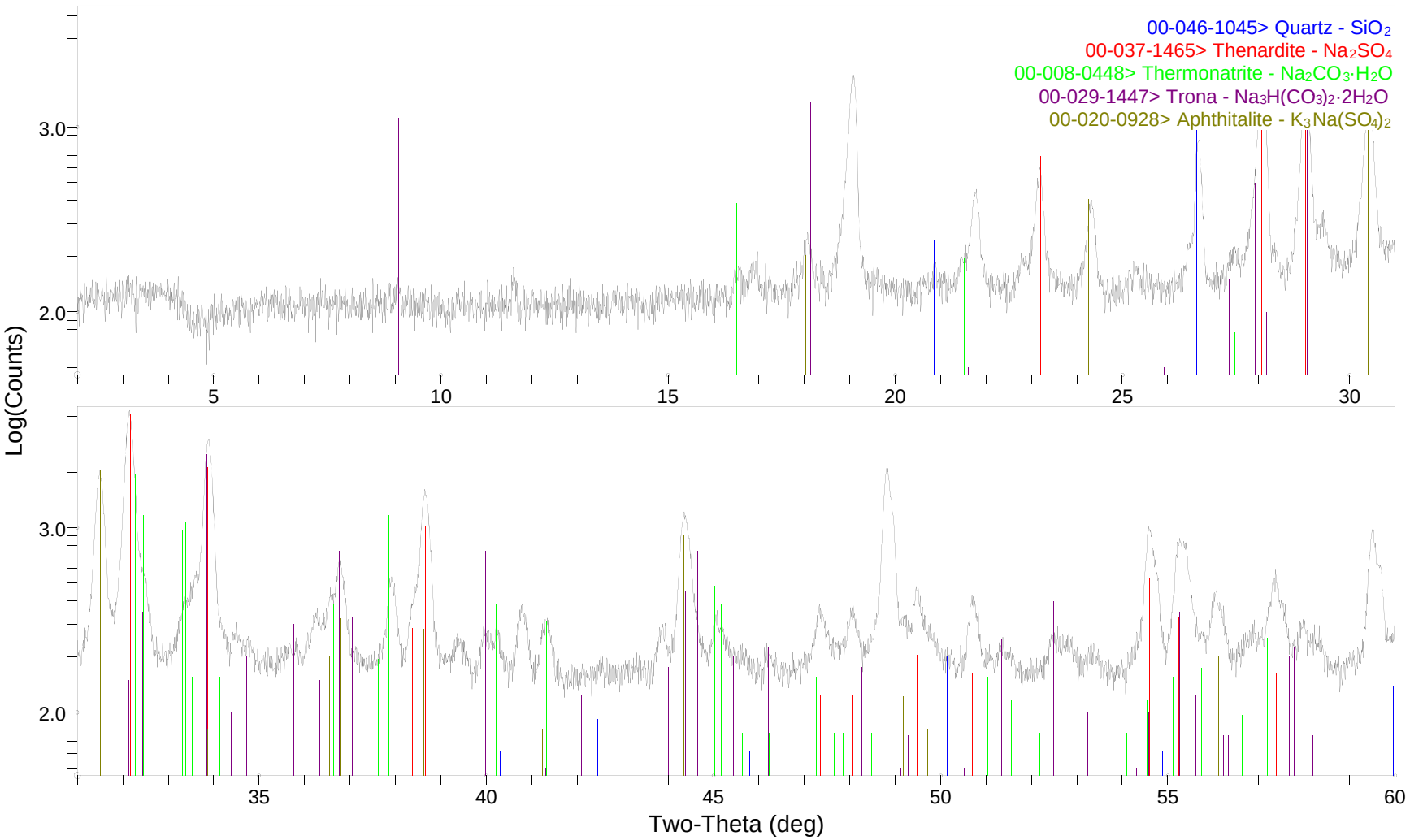

Figure 9. XRD pattern of the homogenized material from sample # 3 compared to reference diffraction patterns of quartz, thenardite, thermonatrite, trona, and aphthitalite.

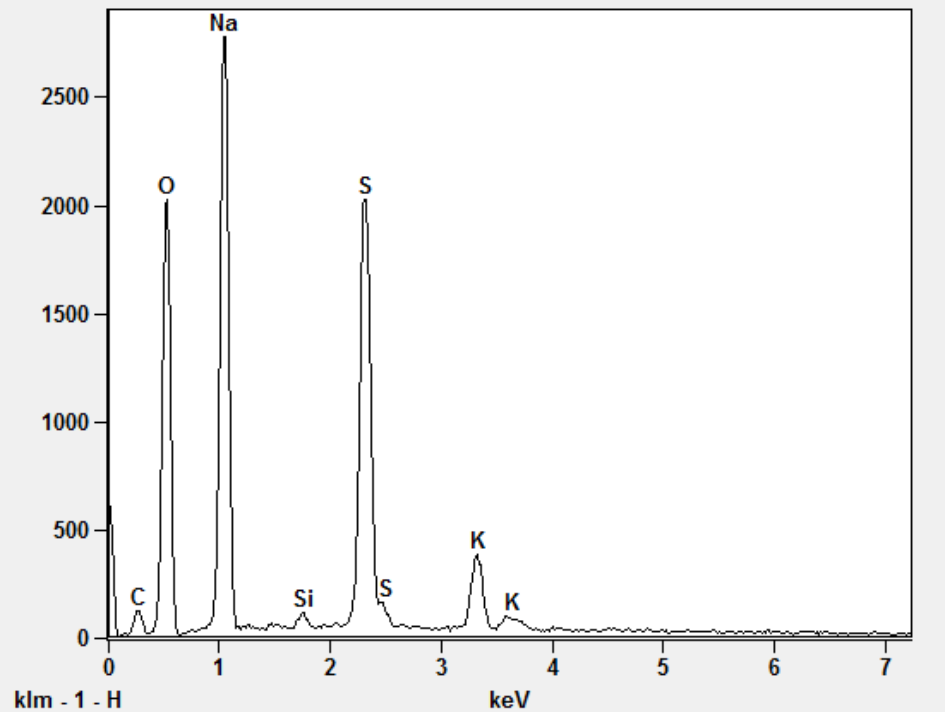

Figure 10. EDS spectrum of the homogenized material from sample # 3.

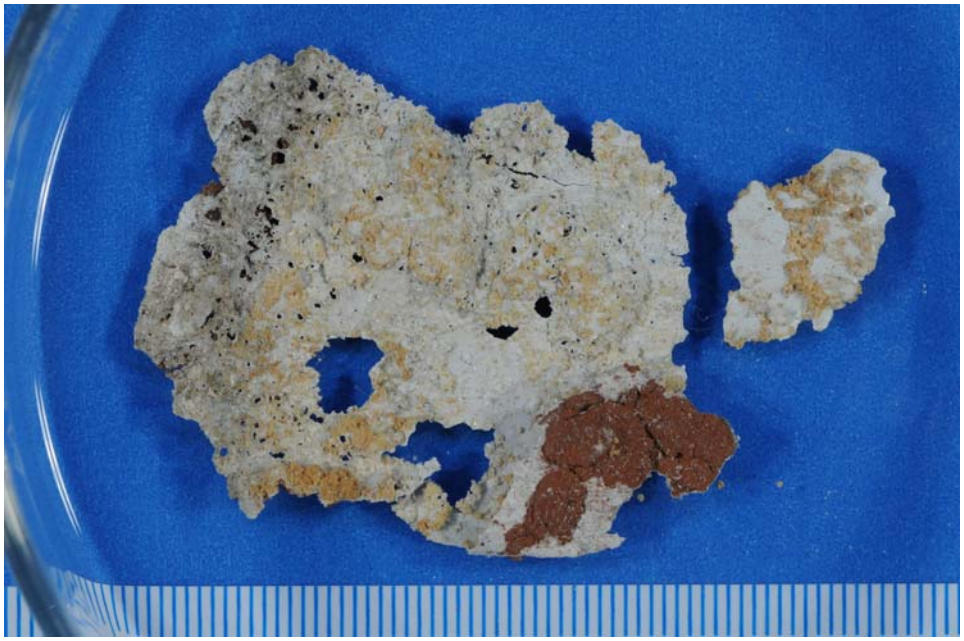

Figure 11. White paint flakes with adhering crystalline material from sample # 1.

Figure 12. Close-up of the crystalline encrustations on the exterior surface of the white paint from sample # 1.

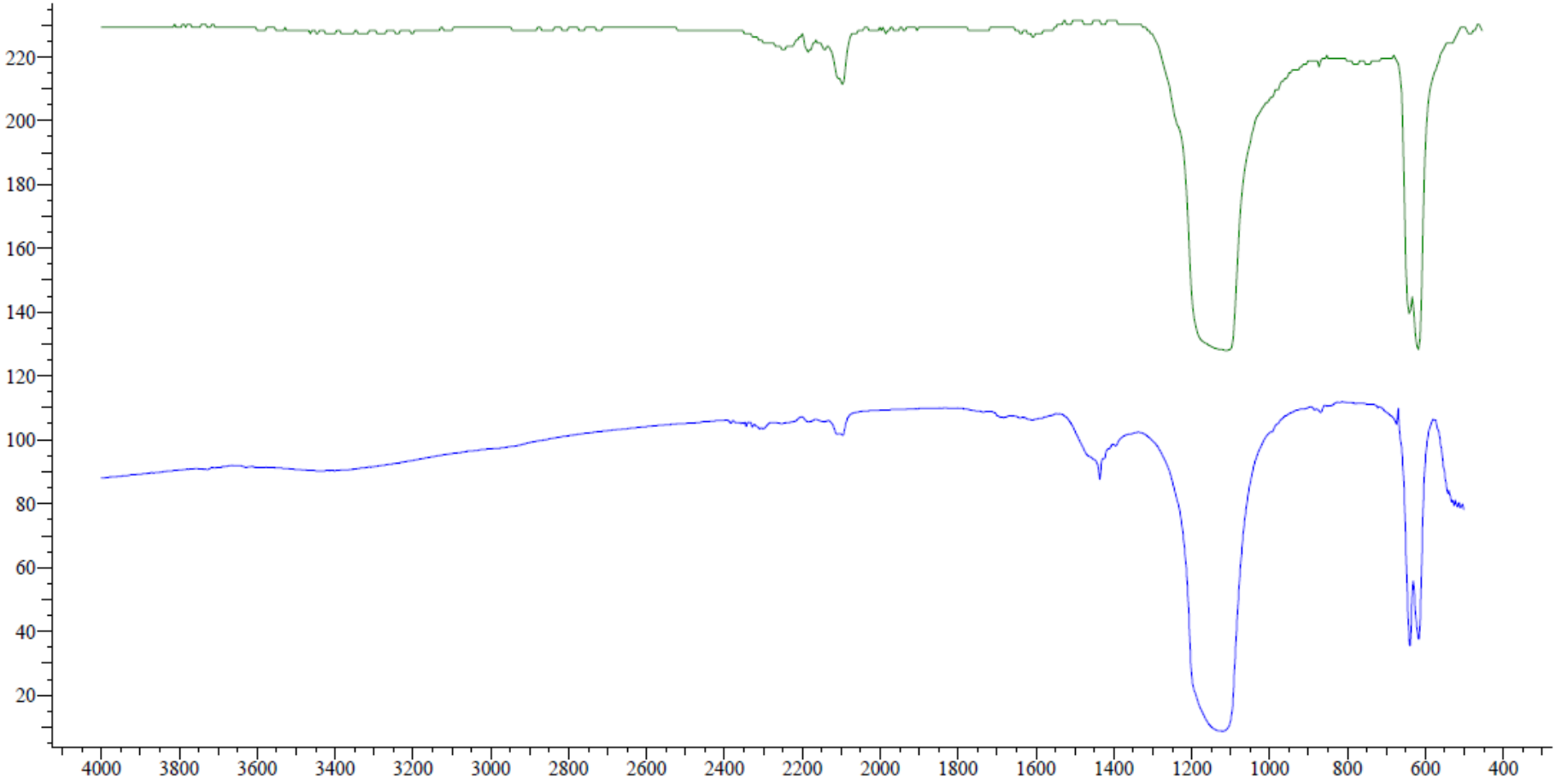

Figure 13. FTIR spectrum of a crystalline agglomerate from sample #1 (bottom) compared to a reference spectrum of sodium sulfate (top).

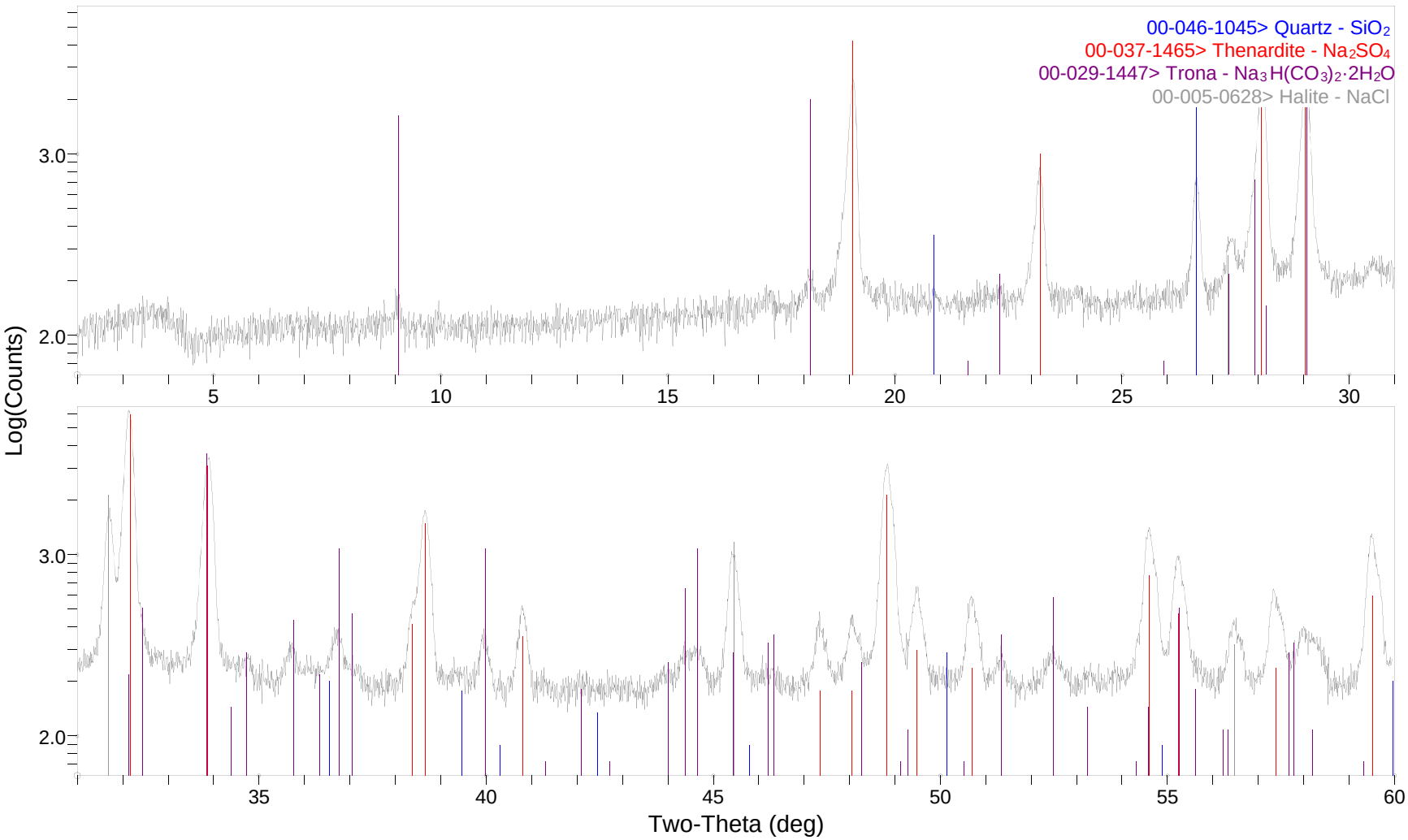

Figure 14. XRD pattern of the homogenized material from sample # 1 compared to reference diffraction patterns of quartz, thenardite, trona, and halite.

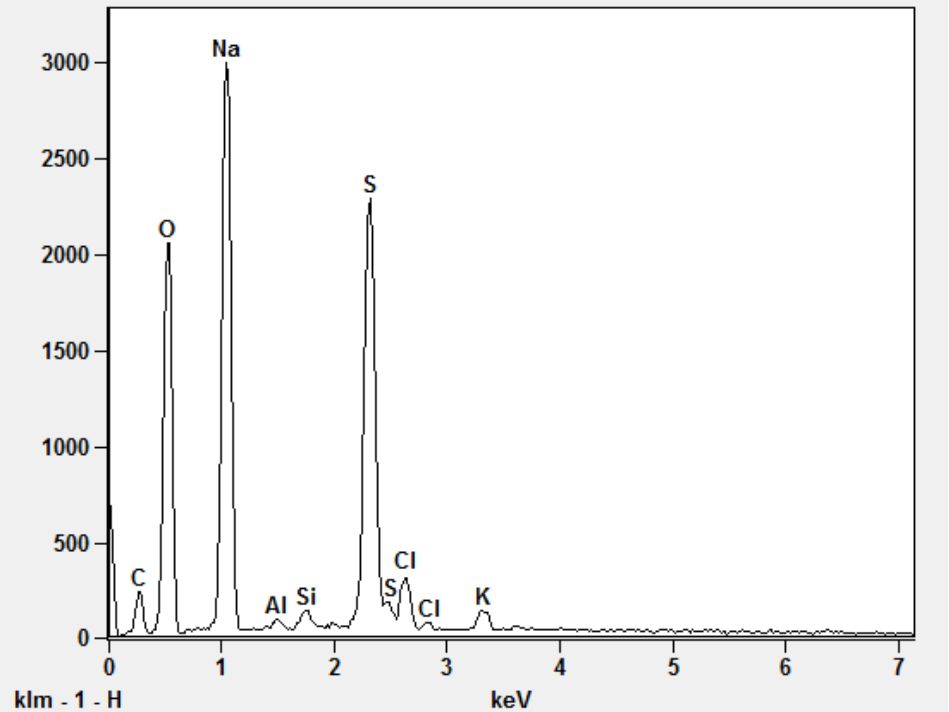

Figure 15. EDS spectrum of the homogenized material from sample # 1.

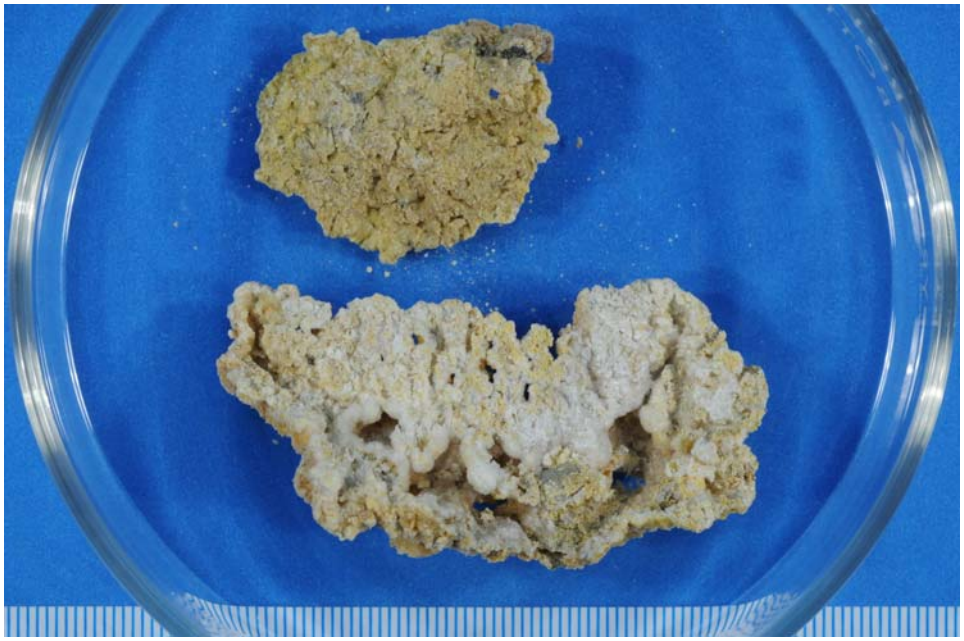

Figure 16. Sample #2 showing both the primarily white and the primarily yellow surfaces.

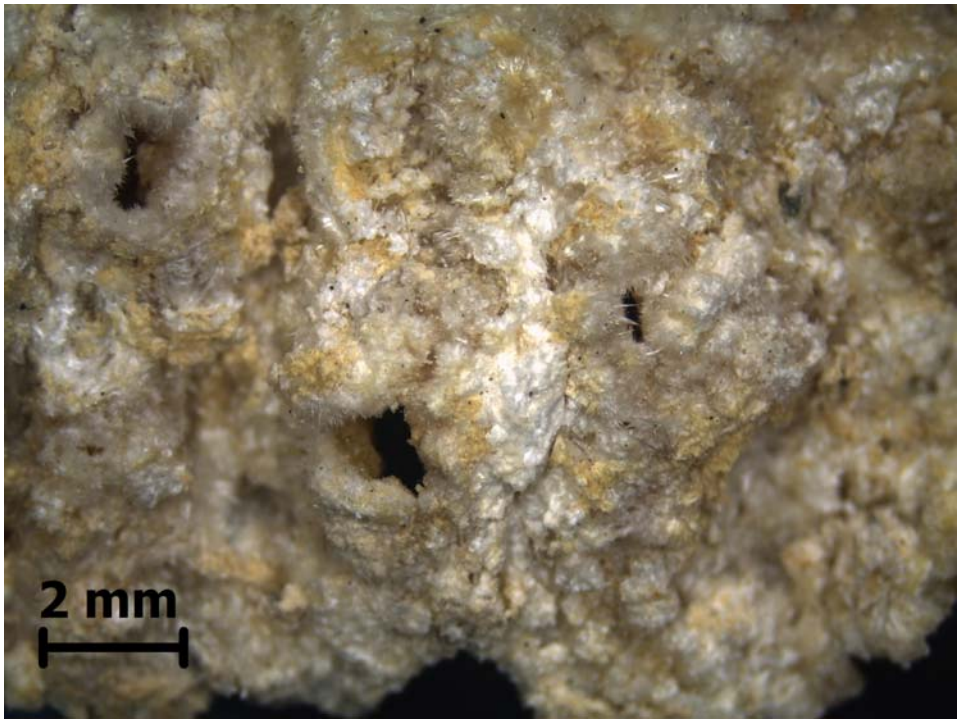

Figure 17. Surface of sample # 2.

Figure 18. Close-up view of the distinct needle-shaped crystals on the surface of sample # 2.

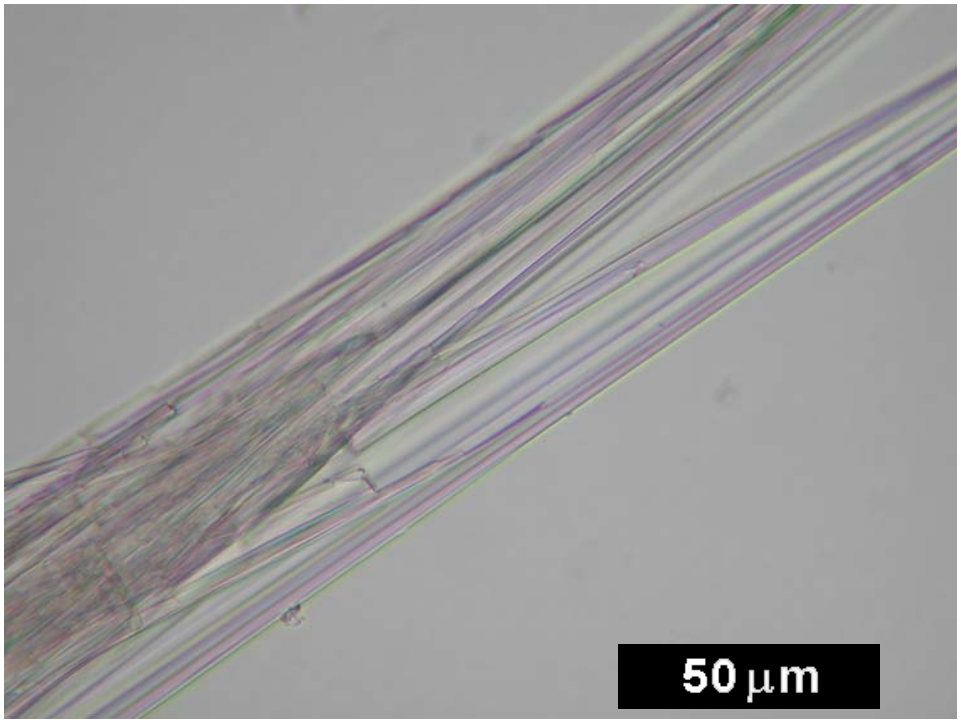

Figure 19. Acicular crystals from sample # 2 (mounted in 1.66 index of refraction oil and viewed using transmitted light).

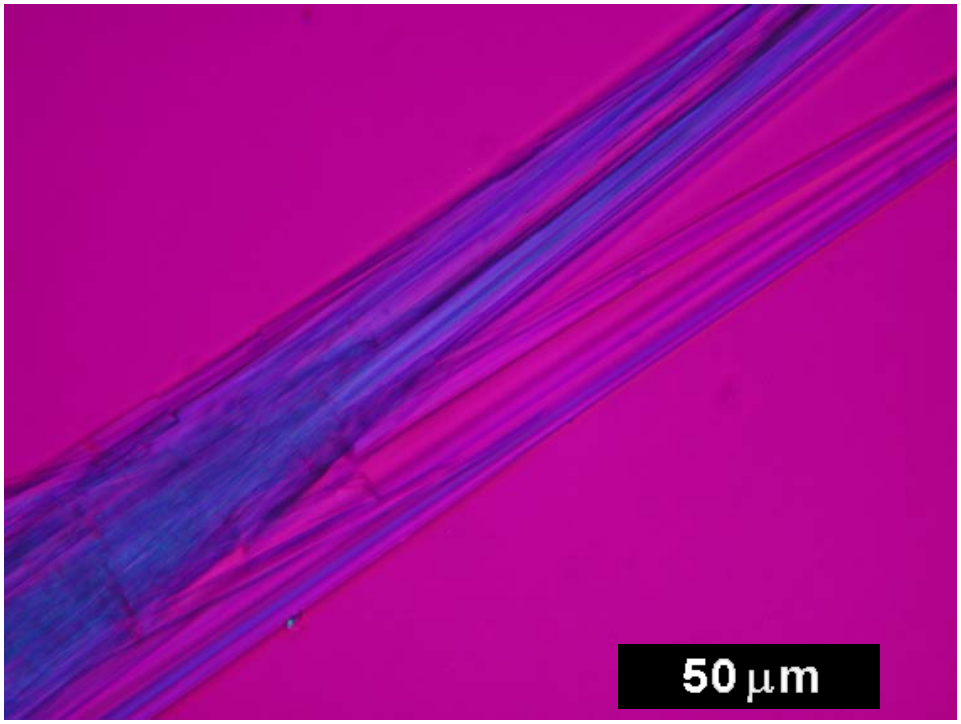

Figure 20. Same as above but viewed between crossed polars with a first order compensator inserted.

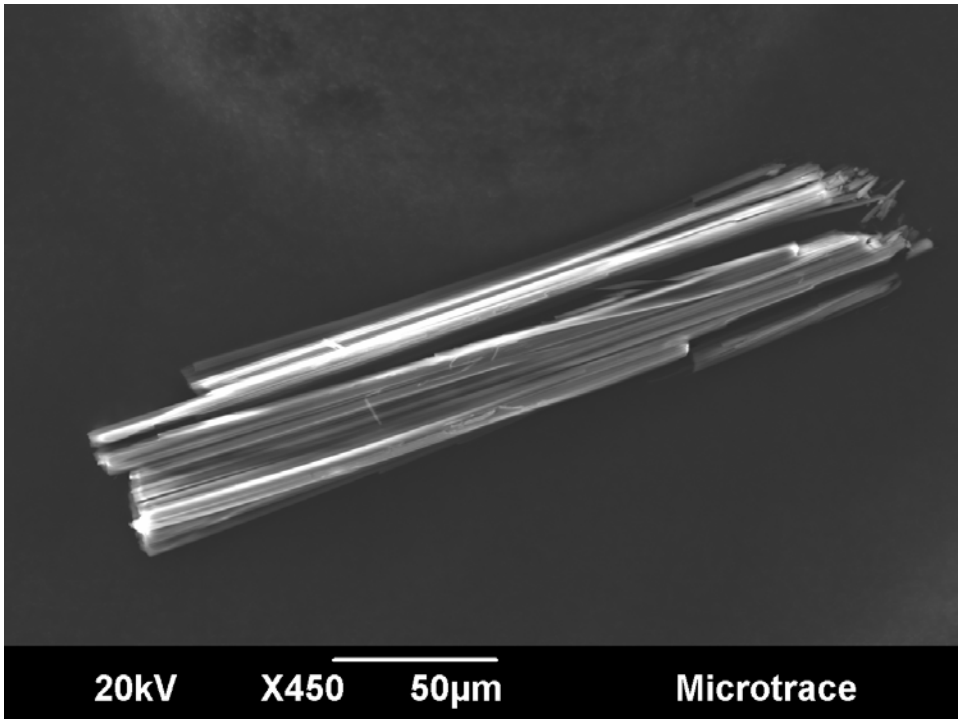

Figure 21. SEM image of the acicular crystals from sample # 2.

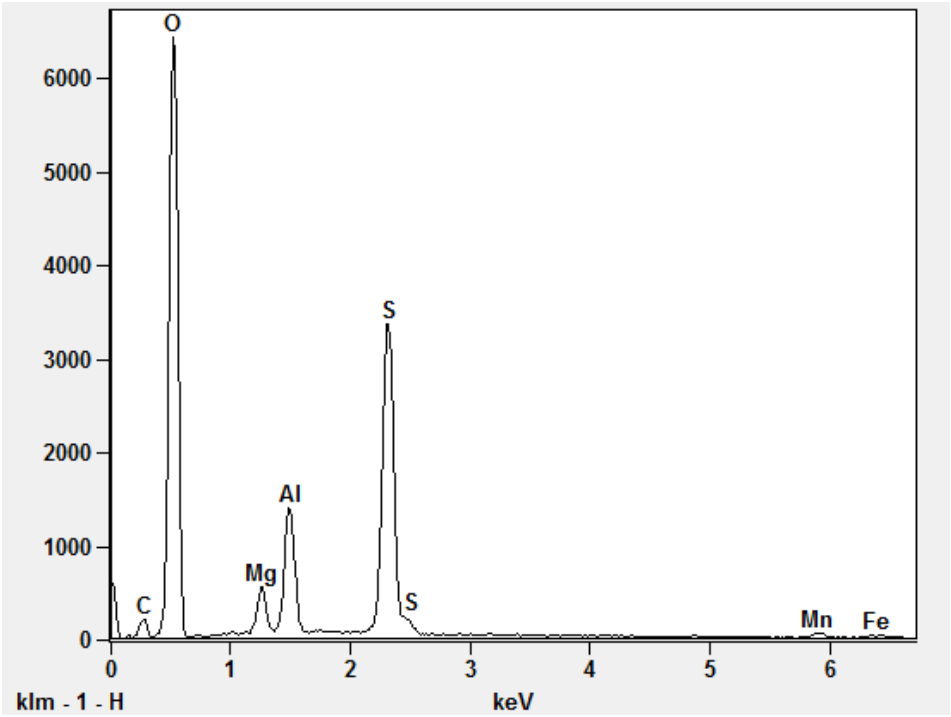

Figure 22. EDS spectrum of the above crystals.

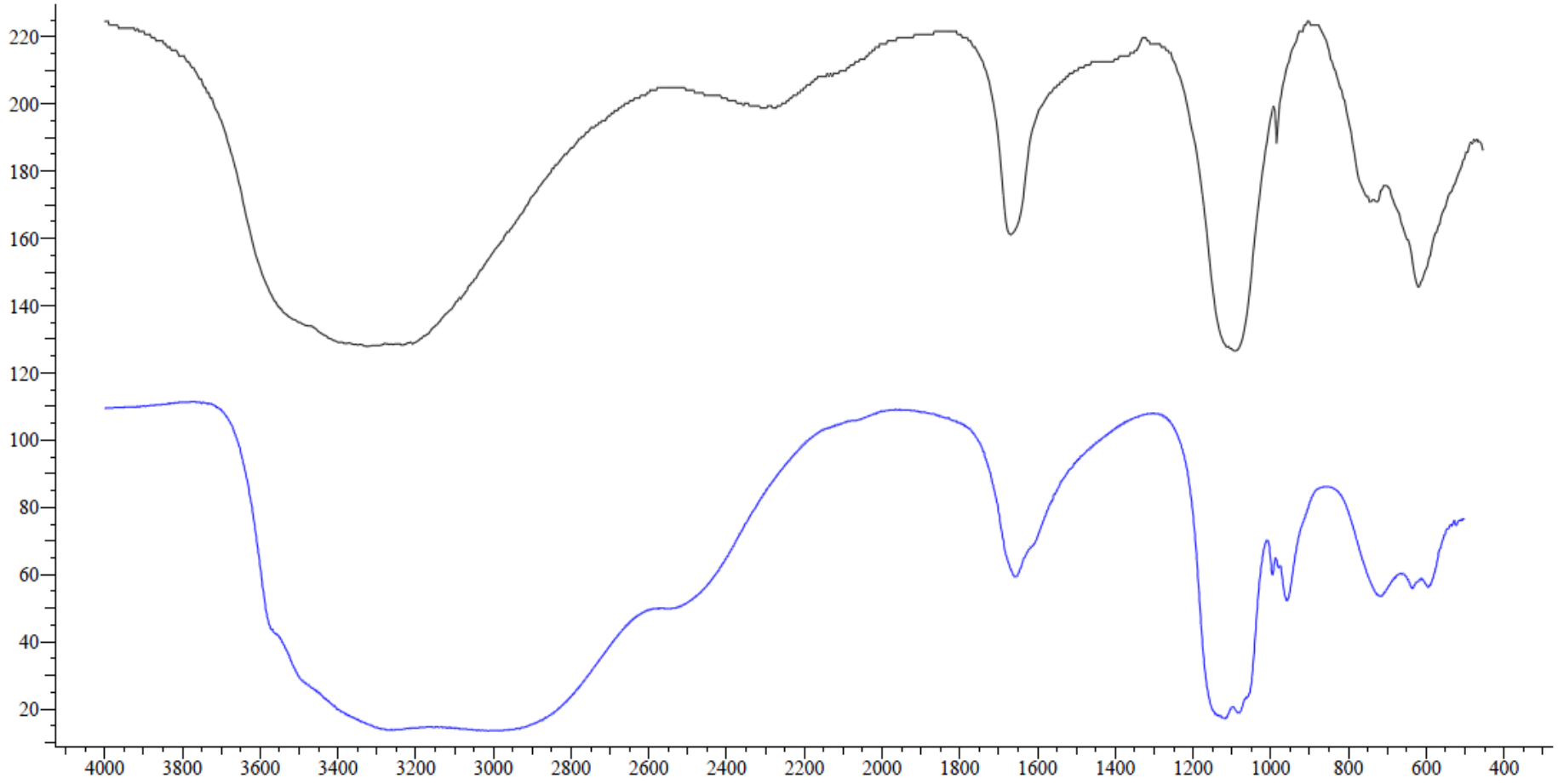

Figure 23. FTIR spectrum of an acicular crystal from sample #2 (bottom) compared to a reference spectrum of magnesium sulfate (top).

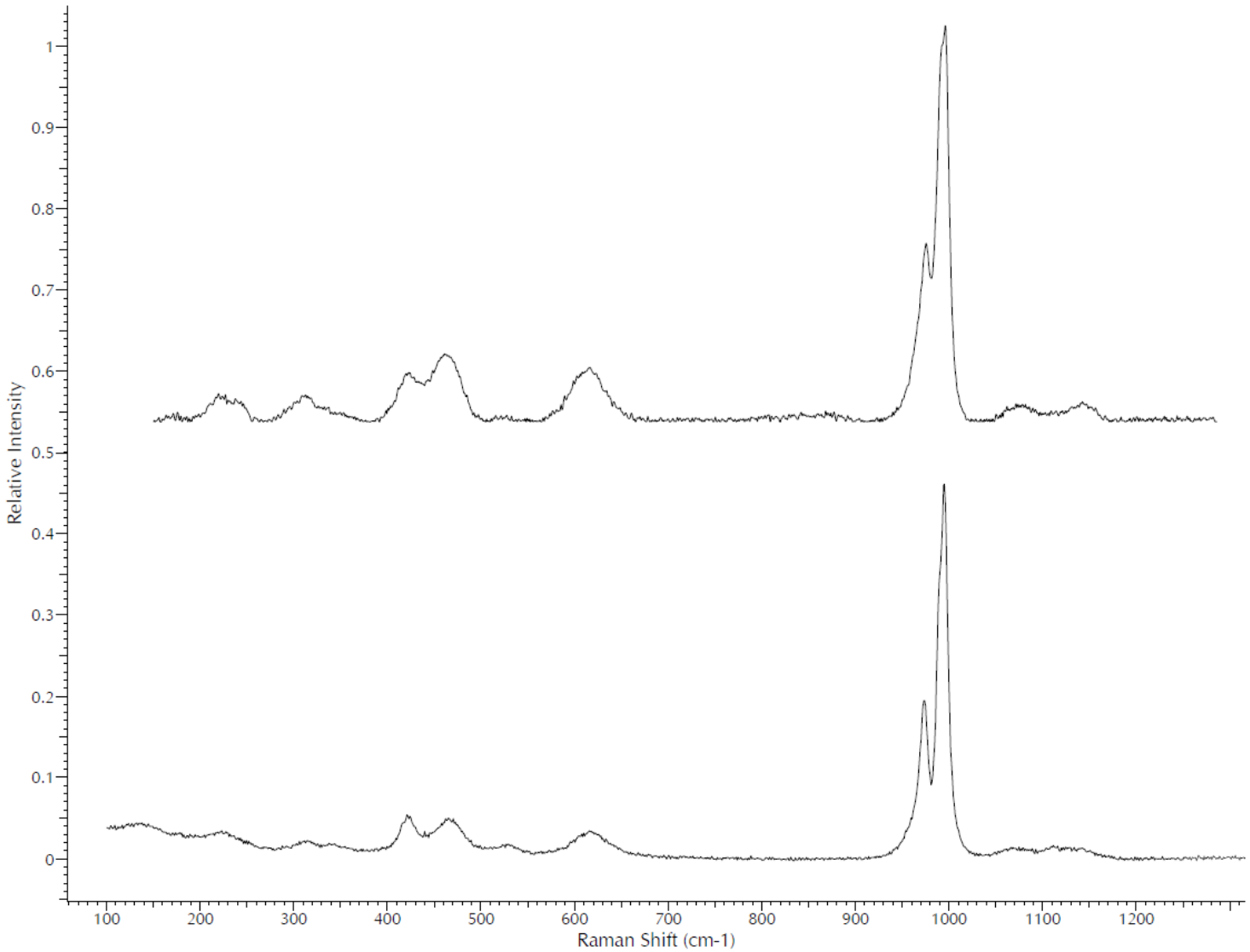

Figure 24. Raman spectrum of an acicular crystal from sample #2 (bottom) compared to a reference spectrum of pickeringite (top).

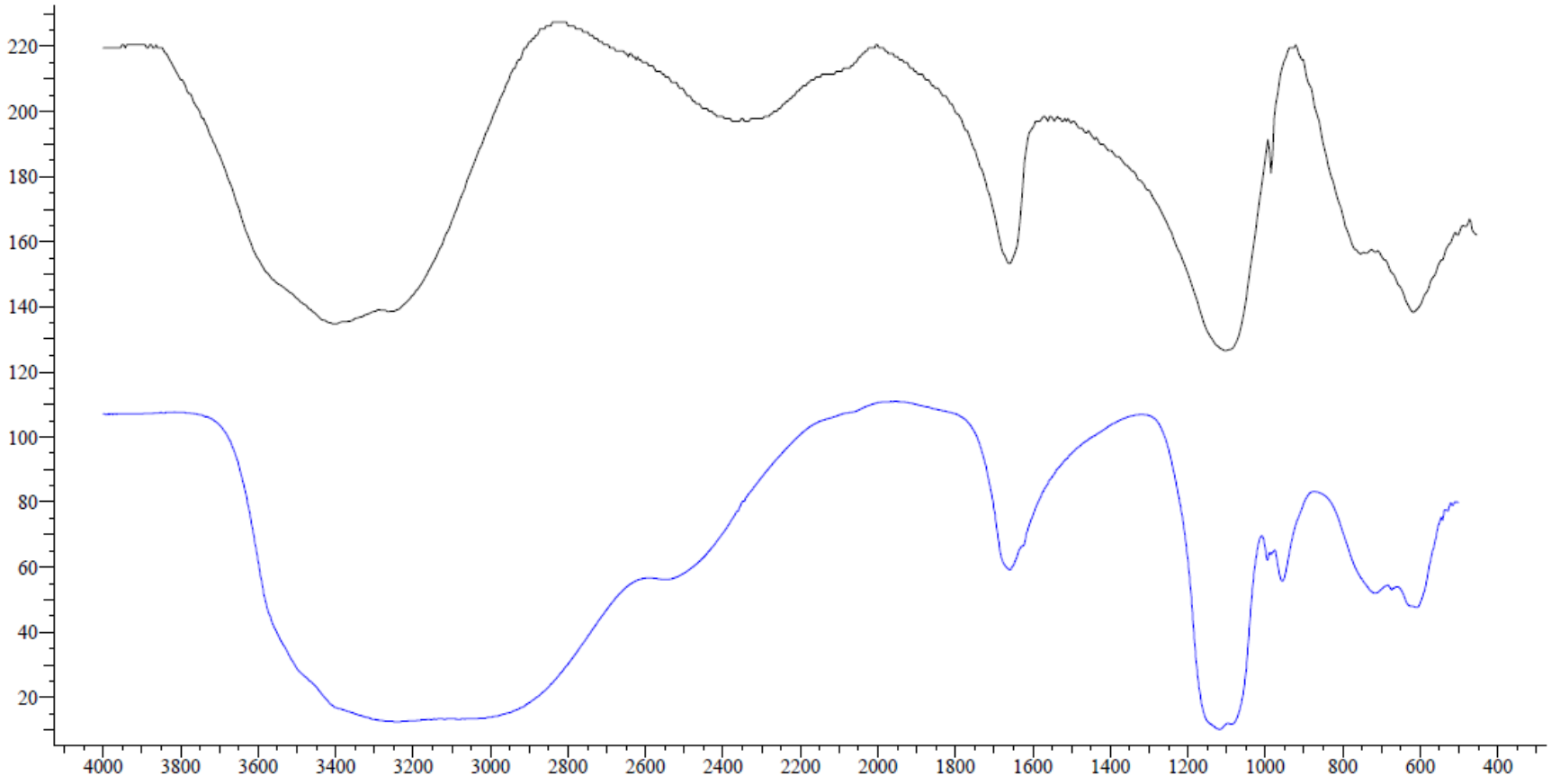

Figure 25. FTIR spectrum of the homogenized material from sample #2 (bottom) compared to a reference spectrum of magnesium sulfate (top).

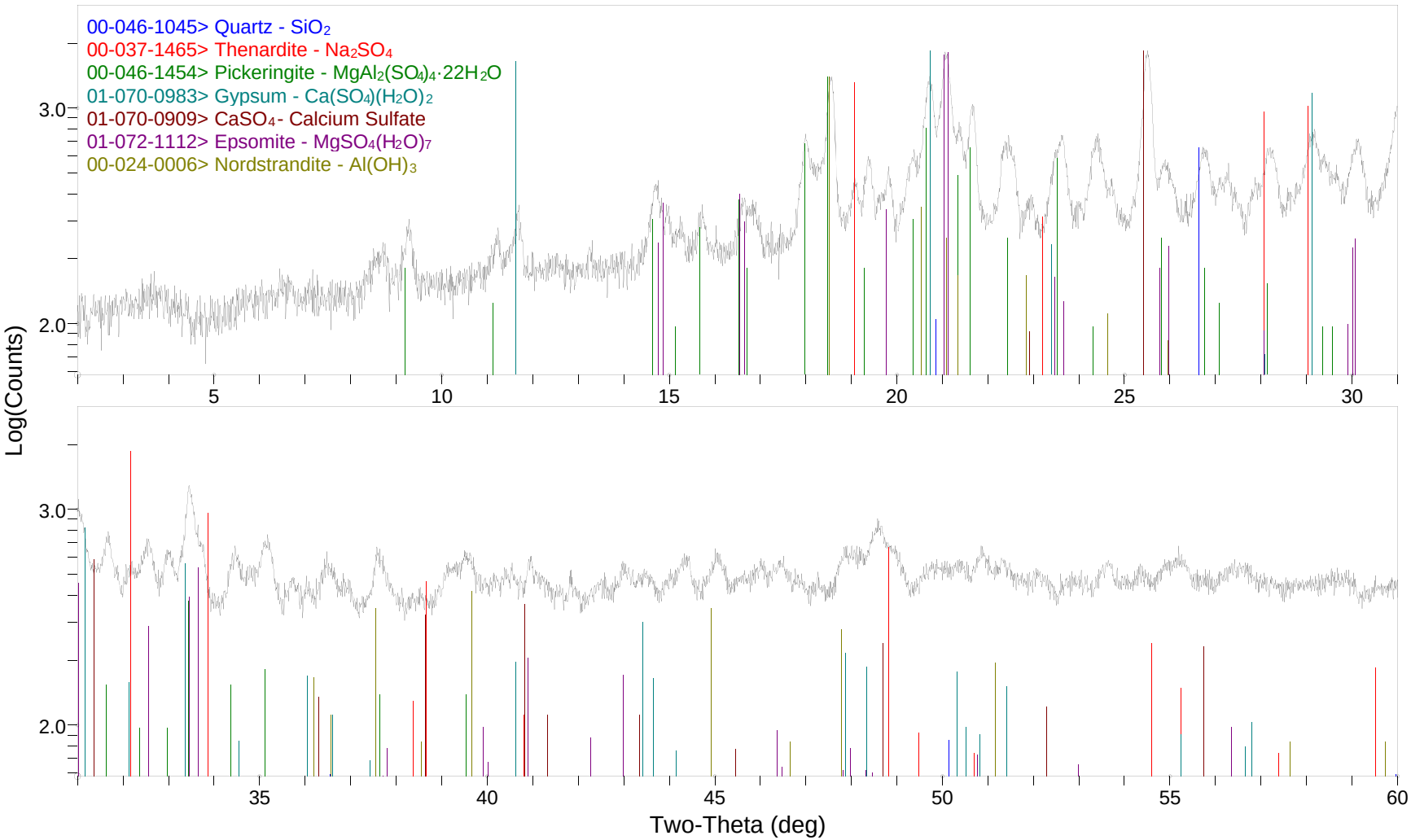

Figure 26. XRD pattern of the homogenized material from sample # 2 compared to reference diffraction patterns of quartz, thenardite, pickeringite, gypsum, calcium sulfate, epsomite, and nordstrandite.

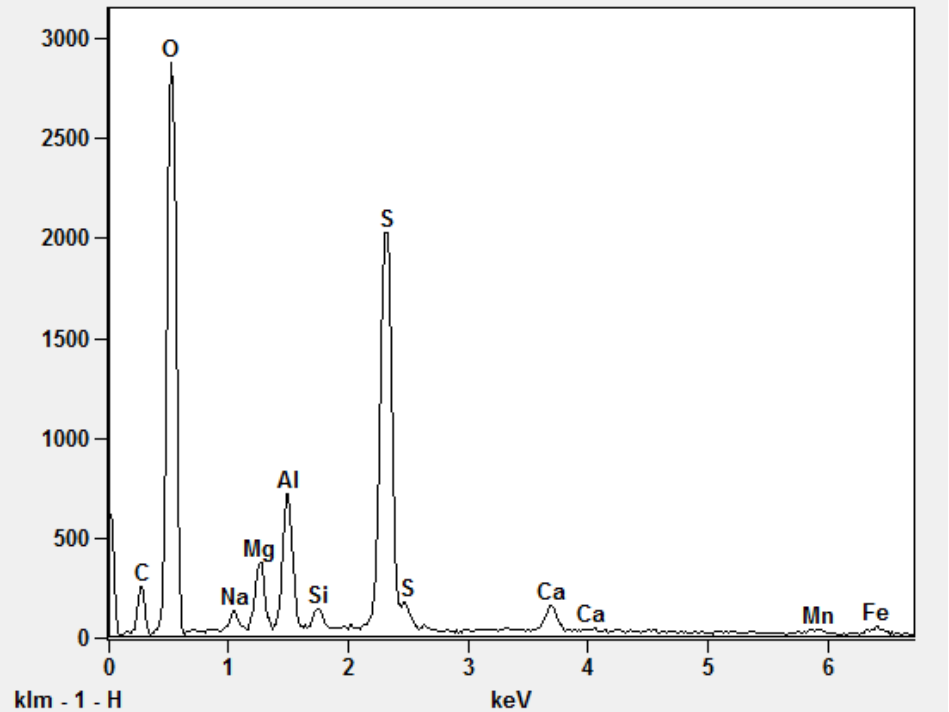

Figure 27. EDS spectrum of the homogenized material from sample # 2.

APPENDIX K
CRYSTALLINE GROWTH INVESTIGATION MEMORANDUM

K5– Attachment 4 – Laboratory Report- pH Sampling of Crystalline Growth

Note: In an effort aimed at reducing both paper consumption and the physical size of this report, this attachment is included in the electronic file on the CD attached to this Completion Report.

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Southeast ACCUTEST LABORATORIES

06/11/12

Technical Report for

Shaw E & I, Inc.

Site 30, Bldg 184; Kittery, Maine

139799

Accutest Job Number: F93532

Sampling Date: 04/04/12

Report to:

Shaw E & I, Inc.
500 E Main St Suite 1630
Norfolk, VA 23510
natasha.sullivan@shawgrp.com

ATTN: Natasha Sullivan

Total number of pages in report: **33**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Harry Behzadi, Ph.D.
Laboratory Director

Client Service contact: Heather Wandrey 407-425-6700

Certifications: FL (E83510), LA (03051), KS (E-10327), IA (366), IL (200063), NC (573), NJ (FL002), SC (96038001) DoD ELAP (L-A-B L2229), CA (04226CA), TX (T104704404), AK, AR, GA, KY, MA, NV, OK, UT, VA, WA, WI

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Test results relate only to samples analyzed.

Accutest Laboratories is the sole authority for authorizing edits or modifications to this document. Unauthorized modification of this report is strictly prohibited.

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Sample Summary

Shaw E & I, Inc.

Job No: F93532

Site 30, Bldg 184; Kittery, Maine
Project No: 139799

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F93532-1	04/04/12	10:58	FP	05/25/12	SO	Solid	PILING 3
F93532-1A	04/04/12	10:58	FP	05/25/12	SO	Solid	PILING 3
F93532-1B	04/04/12	10:58	FP	05/25/12	SO	Solid	PILING 3
F93532-2	04/04/12	11:25	FP	05/25/12	SO	Solid	PILING 3 CONCRETE
F93532-2A	04/04/12	11:25	FP	05/25/12	SO	Solid	PILING 3 CONCRETE
F93532-2B	04/04/12	11:25	FP	05/25/12	SO	Solid	PILING 3 CONCRETE
F93532-3	04/04/12	11:35	FP	05/25/12	SO	Solid	PILING 3/2 BRICK
F93532-3A	04/04/12	11:35	FP	05/25/12	SO	Solid	PILING 3/2 BRICK
F93532-4	04/04/12	11:45	FP	05/25/12	SO	Solid	PILING 3/2 MORTAR
F93532-4A	04/04/12	11:45	FP	05/25/12	SO	Solid	PILING 3/2 MORTAR
F93532-5	04/04/12	12:25	FP	05/25/12	SO	Solid	PILING 8 CONCRETE
F93532-5A	04/04/12	12:25	FP	05/25/12	SO	Solid	PILING 8 CONCRETE
F93532-6	04/04/12	12:45	FP	05/25/12	SO	Solid	BRICK WEST WALL

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

Shaw E & I, Inc.

Job No: F93532

Site 30, Bldg 184; Kittery, Maine
Project No: 139799

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F93532-6A	04/04/12	12:45	FP	05/25/12	SO	Solid	BRICK WEST WALL
F93532-7	04/04/12	12:50	FP	05/25/12	SO	Solid	BRICK MORTAR WEST WALL
F93532-7A	04/04/12	12:50	FP	05/25/12	SO	Solid	BRICK MORTAR WEST WALL
F93532-8	04/04/12	13:10	FP	05/25/12	SO	Solid	CONCRETE PILING 10
F93532-8A	04/04/12	13:10	FP	05/25/12	SO	Solid	CONCRETE PILING 10
F93532-8B	04/04/12	13:10	FP	05/25/12	SO	Solid	CONCRETE PILING 10

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: Shaw E & I, Inc. **Job:** F93532

Site: Site 30, Bldg 184; Kittery, Maine **Report Date:** 6/11/2012 9:47:57 AM

8 Samples were collected on 04/04/2012 and were received at Accutest SE on 05/25/2012 intact. These Samples received an Accutest job number of F93532. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Wet Chemistry By Method SW846 9045D

Matrix: SO **Batch ID:** GN50225

Sample(s) F93532-1DUP was used as the QC sample for pH.

Accutest Laboratories Southeast (ALSE) certifies that this report meets the project requirements for analytical data produced for the samples as received at ALSE and as stated on the COC. ALSE certifies that the data meets the Data Quality Objectives for precision, accuracy and completeness as specified in the ALSE Quality Manual except as noted above. This report is to be used in its entirety. ALSE is not responsible for any assumptions of data quality if partial data packages are used.

Narrative prepared by:

_____ Date: June 11, 2012

Kim Benham, Client Services (signature on file)

Southeast ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	PILING 3		
Lab Sample ID:	F93532-1	**Date Sampled:**	04/04/12
Matrix:	SO - Solid	**Date Received:**	05/25/12
		Percent Solids:	n/a
Project:	Site 30, Bldg 184; Kittery, Maine		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH	2.15		su	1	06/07/12 09:00	AA	SW846 9045D

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PILING 3		
Lab Sample ID:	F93532-1A	**Date Sampled:**	04/04/12
Matrix:	SO - Solid	**Date Received:**	05/25/12
		Percent Solids:	n/a
Project:	Site 30, Bldg 184; Kittery, Maine		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH	2.02		su	1	06/07/12 15:30	AA	SW846 9045D

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PILING 3		
Lab Sample ID:	F93532-1B	**Date Sampled:**	04/04/12
Matrix:	SO - Solid	**Date Received:**	05/25/12
		Percent Solids:	n/a
Project:	Site 30, Bldg 184; Kittery, Maine		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH	2.03		su	1	06/07/12 15:30	AA	SW846 9045D

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PILING 3 CONCRETE		
Lab Sample ID:	F93532-2	**Date Sampled:**	04/04/12
Matrix:	SO - Solid	**Date Received:**	05/25/12
		Percent Solids:	n/a
Project:	Site 30, Bldg 184; Kittery, Maine		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH	2.25		su	1	06/07/12 09:00	AA	SW846 9045D

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PILING 3 CONCRETE		
Lab Sample ID:	F93532-2A	**Date Sampled:**	04/04/12
Matrix:	SO - Solid	**Date Received:**	05/25/12
		Percent Solids:	n/a
Project:	Site 30, Bldg 184; Kittery, Maine		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH	2.41		su	1	06/07/12 15:30	AA	SW846 9045D

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PILING 3 CONCRETE		
Lab Sample ID:	F93532-2B	**Date Sampled:**	04/04/12
Matrix:	SO - Solid	**Date Received:**	05/25/12
		Percent Solids:	n/a
Project:	Site 30, Bldg 184; Kittery, Maine		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH	2.40		su	1	06/07/12 15:30	AA	SW846 9045D

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PILING 3/2 BRICK		
Lab Sample ID:	F93532-3	**Date Sampled:**	04/04/12
Matrix:	SO - Solid	**Date Received:**	05/25/12
		Percent Solids:	n/a
Project:	Site 30, Bldg 184; Kittery, Maine		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH	2.94		su	1	06/07/12 09:00	AA	SW846 9045D

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PILING 3/2 BRICK		
Lab Sample ID:	F93532-3A	**Date Sampled:**	04/04/12
Matrix:	SO - Solid	**Date Received:**	05/25/12
		Percent Solids:	n/a
Project:	Site 30, Bldg 184; Kittery, Maine		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH	3.04		su	1	06/07/12 15:30	AA	SW846 9045D

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PILING 3/2 MORTAR		
Lab Sample ID:	F93532-4	**Date Sampled:**	04/04/12
Matrix:	SO - Solid	**Date Received:**	05/25/12
		Percent Solids:	n/a
Project:	Site 30, Bldg 184; Kittery, Maine		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH	7.33		su	1	06/07/12 09:00	AA	SW846 9045D

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PILING 3/2 MORTAR		
Lab Sample ID:	F93532-4A	**Date Sampled:**	04/04/12
Matrix:	SO - Solid	**Date Received:**	05/25/12
		Percent Solids:	n/a
Project:	Site 30, Bldg 184; Kittery, Maine		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH	6.81		su	1	06/07/12 15:30	AA	SW846 9045D

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PILING 8 CONCRETE		
Lab Sample ID:	F93532-5	**Date Sampled:**	04/04/12
Matrix:	SO - Solid	**Date Received:**	05/25/12
		Percent Solids:	n/a
Project:	Site 30, Bldg 184; Kittery, Maine		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH	11.63		su	1	06/07/12 09:00	AA	SW846 9045D

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PILING 8 CONCRETE		
Lab Sample ID:	F93532-5A	**Date Sampled:**	04/04/12
Matrix:	SO - Solid	**Date Received:**	05/25/12
		Percent Solids:	n/a
Project:	Site 30, Bldg 184; Kittery, Maine		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH	11.61		su	1	06/07/12 15:30	AA	SW846 9045D

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BRICK WEST WALL		
Lab Sample ID:	F93532-6	**Date Sampled:**	04/04/12
Matrix:	SO - Solid	**Date Received:**	05/25/12
		Percent Solids:	n/a
Project:	Site 30, Bldg 184; Kittery, Maine		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH	8.44		su	1	06/07/12 09:00	AA	SW846 9045D

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BRICK WEST WALL		
Lab Sample ID:	F93532-6A	**Date Sampled:**	04/04/12
Matrix:	SO - Solid	**Date Received:**	05/25/12
		Percent Solids:	n/a
Project:	Site 30, Bldg 184; Kittery, Maine		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH	8.41		su	1	06/07/12 15:30	AA	SW846 9045D

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BRICK MORTAR WEST WALL		
Lab Sample ID:	F93532-7	**Date Sampled:**	04/04/12
Matrix:	SO - Solid	**Date Received:**	05/25/12
		Percent Solids:	n/a
Project:	Site 30, Bldg 184; Kittery, Maine		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH	8.43		su	1	06/07/12 09:00	AA	SW846 9045D

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BRICK MORTAR WEST WALL		
Lab Sample ID:	F93532-7A	**Date Sampled:**	04/04/12
Matrix:	SO - Solid	**Date Received:**	05/25/12
		Percent Solids:	n/a
Project:	Site 30, Bldg 184; Kittery, Maine		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH	8.43		su	1	06/07/12 15:30	AA	SW846 9045D

RL = Reporting Limit

Report of Analysis

Client Sample ID:	CONCRETE PILING 10		
Lab Sample ID:	F93532-8	**Date Sampled:**	04/04/12
Matrix:	SO - Solid	**Date Received:**	05/25/12
		Percent Solids:	n/a
Project:	Site 30, Bldg 184; Kittery, Maine		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH	9.55		su	1	06/07/12 09:00	AA	SW846 9045D

RL = Reporting Limit

Report of Analysis

Client Sample ID:	CONCRETE PILING 10		
Lab Sample ID:	F93532-8A	**Date Sampled:**	04/04/12
Matrix:	SO - Solid	**Date Received:**	05/25/12
		Percent Solids:	n/a
Project:	Site 30, Bldg 184; Kittery, Maine		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH	9.67		su	1	06/07/12 15:30	AA	SW846 9045D

RL = Reporting Limit

Report of Analysis

Client Sample ID:	CONCRETE PILING 10		
Lab Sample ID:	F93532-8B	**Date Sampled:**	04/04/12
Matrix:	SO - Solid	**Date Received:**	05/25/12
		Percent Solids:	n/a
Project:	Site 30, Bldg 184; Kittery, Maine		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH	9.61		su	1	06/07/12 15:30	AA	SW846 9045D

RL = Reporting Limit

Southeast ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Certification Exceptions (ME)
- Chain of Custody

F93532

CHAIN-OF-CUSTODY RECORD

COC Number: 139799-052412
Purchase Order Number:

Shaw Environmental & Infrastructure, Inc.

SHAW Environmental & Infrastructure, INC. 500 E. Main Street, Suite 1630 Norfolk, VA 23510 (757) 363-7190

Accutest — 4405 Vineland Road Suite C-15, Orlando FL 32811 (407) 425-6700

Kittery Maine Site 30 — Special Crystal Samples Site 30, Building 184

139799 — Natasha Kelly Sullivan — (410) 529-7599

NAVY — Fred Poulin

								pH SW-846 9045
1	Piling 3	4/4/2012	10:58	Solid		1 x 4 ounce jar	X	
2	Piling 3 Concrete	4/4/2012	11:25	Solid		1 x 4 ounce jar	X	
3	Piling 3/2 Brick	4/4/2012	11:35	Solid		1 x 4 ounce jar	X	
4	Piling 3/2 Mortar	4/4/2012	11:45	Solid		1 x 4 ounce jar	X	
5	Piling 8 Concrete	4/4/2012	12:25	Solid		1 x 4 ounce jar	X	
6	Brick West Wall	4/4/2012	12:45	Solid		1 x 4 ounce jar	X	
7	Brick Mortar West Wall	4/4/2012	12:50	Solid		1 x 4 ounce jar	X	
8	Concrete Piling 10	4/4/2012	13:10	Solid		1 x 4 ounce jar	X	

RUN ALL SAMPLES IN TRIPLICATE -where volume permits

DO NOT DISPOSE OF ANY SAMPLE VOLUME

TAKE PHOTOS DURING ANALYSIS

☐ 7 calendar Day TAT

Natasha Sullivan, SHAW

1		########	14:05	UPS		
2	UPS 05-25-12	1000		R.Wan	ALGE 05-25-12	1000
3						
4						

Deliverables: Full Report

*** Fax results to Natasha Sullivan (410) 529-7599

N/A

4.1

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F93532: Chain of Custody

Page 1 of 2

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F93532 CLIENT: Shaw PROJECT: Kittery Marine Site 30

DATE/TIME RECEIVED: 05-25-12 1000 {MM/DD/YY 24:00} NIMBER OF COOLERS RECEIVED: 1 box

METHOD OF DELIVERY: FEDEX (UPS) ACCUTEST COURIER GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS: 1Z 66V 742 01 9706 2302

COOLER INFORMATION

- [ ] CUSTODY SEAL NOT PRESENT OR NOT INTACT
- [ ] CHAIN OF CUSTODY NOT RECEIVED (COC)
- [ ] ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- [ ] SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- [ ] TEMPERATURE CRITERIA NOT MET
- [ ] WET ICE PRESENT

TRIP BLANK INFORMATION

- [ ] TRIP BLANK PROVIDED
- [x] TRIP BLANK NOT PROVIDED
- [x] TRIP BLANK NOT ON COC
- [ ] TRIP BLANK INTACT
- [ ] TRIP BLANK NOT INTACT
- [ ] RECEIVED WATER TRIP BLANK
- [ ] RECEIVED SOIL TRIP BLANK

MISC. INFORMATION

NUMBER OF ENCORES ? 25-GRAM_____ 5-GRAM_____

NUMBER OF 5035 FIELD KITS ? _____

NUMBER OF LAB FILTERED METALS ? _____

TEMPERATURE INFORMATION

- [ ] IR THERM ID_____ CORR. FACTOR_____
- [ ] OBSERVED TEMPS: N/A
- [ ] CORRECTED TEMPS:_____

SAMPLE INFORMATION

- [ ] SAMPLE LABELS PRESENT ON ALL BOTTLES
- [ ] INCORRECT NUMBER OF CONTAINERS USED
- [ ] SAMPLE RECEIVED IMPROPERLY PRESERVED
- [ ] INSUFFICIENT VOLUME FOR ANALYSIS
- [ ] DATES/TIMES ON COC DO NOT MATCH SAMPLE LABEL
- [ ] ID'S ON COC DO NOT MATCH LABEL
- [ ] VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- [ ] BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- [ ] NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- [ ] UNCLEAR FILTERING OR COMPOSITING INSTRUCTIONS
- [ ] SAMPLE CONTAINER(S) RECEIVED BROKEN
- [ ] % SOLIDS JAR NOT RECEIVED
- [ ] 5035 FIELD KIT FROZEN WITHIN 48 HOUR'S
- [ ] RESIDUAL CHLORINE PRESENT

{APPICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS}

SUMMARY OF COMMENTS:_____

TECHNICIAN SIGNATURE/DATE R. Willm 05-25-12 REVIEWER SIGNATURE/DATE [signature] 05/25/12

NF 12/10 receipt confirmation 122910.xls

4.1

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F93532: Chain of Custody

Page 2 of 2

Southeast ACCUTEST LABORATORIES

General Chemistry

QC Data Summaries

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries
- Instrument Runlogs/QC

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: F93532
Account: ITVAVAB - Shaw E & I, Inc.
Project: Site 30, Bldg 184; Kittery, Maine

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
pH	GN50225	F93532-1	su	2.15	2.16	0.5	0-1%

Associated Samples:
Batch GN50225: F93532-1, F93532-2, F93532-3, F93532-4, F93532-5, F93532-6, F93532-7, F93532-8
(*) Outside of QC limits

Southeast ACCUTEST LABORATORIES

General Chemistry

Raw Data

pH Analysis Log

Method: (circle) SW 846 9045 / SW 846 9040 / SM 4500 H+ B GN# 50225

Matrix: (circle) Soil / Water Thermometer Corr. Factor, C: N / A

Analysis Date (mm-dd-yy): 6-7-12 Time (24:00): 09:00 pH Meter ID#: 16169

Sample ID	Bottle #	Sample Wt / Vol.	Vol of DI H2O	pH	Sample Temp, corrected, C	Buffers	Comments
F93532-1.1 Dup	1	19.98	20mL	2.16	25°	1.02 / 4.09	%RPD 0.46
-1.1	1	19.98	↓	2.15	↓	1.02 / 4.09	PH 1 Buffer GC151
-2.1	1	19.99	↓	2.25	↓	↓	~~PH 1 Buffer GC151~~ AA 6-7-12
-3.1	1	5.02	5 mL	2.94	↓	↓	limited sample amount AA 6-7-12
-4.1	1	10.05	10mL	7.33	↓	7.00 / 10.00	↓
-5.1	1	9.98	10mL	11.63	↓	10.00 / 12.99	PH 12 Buffer GC097
-6.1	1	5.04	5 mL	8.44	↓	7.00 / 10.00	↓
-7.1	1	5.02	5 mL	8.43	↓	↓	↓
-8.1	1	9.95	10mL	9.55	↓	↓	↓
Dup*							%RPD
				AA			
				6-7-12			

* Second Duplicate for SM4500 only

Analyst's Signature: AA Date (mm-dd-yy): 6-7-12

QC Reviewer Signature: [signature] Date (mm-dd-yy): 06/07/12

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pH Analysis Log

Method: (circle) SW 846 9045 / SW 846 9040 / SM 4500 H+ B GN# GN50231

Matrix: (circle) Soil / Water Thermometer Corr. Factor, C: N/A

Analysis Date (mm-dd-yy): 6-7-12 Time (24:00): 15:30 pH Meter ID#: 6169

Sample ID	Bottle #	Sample Wt / Vol.	Vol of DI H2O	pH	Sample Temp, corrected, C	Buffers	Comments
F93532-1BA Dup	1	9.97	10mL	2.02	25°	1.02 / 4.03	%RPD 0.49
F93532-2A	1	19.96	20mL	2.41			
F93532-2B	1	19.99	20mL	2.40			
F93532-1B	1	9.97	10mL	2.03			
F93532-3A	1	5.00	5mL	3.04			
-4A	1	5.05	5mL	6.81		4.03 / 7.00	
-5A	1	5.02	5mL	11.64		10.00 / 12.99	
-6A	1	4.05	4mL	8.41		7.00 / 10.00	
-7A	1	4.00	4mL	8.43			
-8A	1	9.95	10mL	9.67			
-8B	1	10.05	10mL	9.61			
Dup*							%RPD

AA 6-7-12

* Second Duplicate for SM4500 only

Analyst's Signature: AA Date (mm-dd-yy): 6-7-12

QC Reviewer Signature: [illegible] Date (mm-dd-yy): 6-8-12

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APPENDIX K
CRYSTALLINE GROWTH INVESTIGATION MEMORANDUM

K6– Attachment 5 – Laboratory Report- tank Vault Materials

Note: In an effort aimed at reducing both paper consumption and the physical size of this report, this attachment is included in the electronic file on the CD attached to this Completion Report.

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New England ACCUTEST LABORATORIES

10/11/11

Technical Report for

Global General Services

Kittery Maine Site 30 Disposal Samples

139799

Accutest Job Number: MC4194

Sampling Date: 09/30/11

Report to:

Shaw Environmental Virginia Beach, VA

natasha.sullivan@shawgrp.com

ATTN: Natasha Sullivan

Total number of pages in report: **135**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Reza Tand
Lab Director

Client Service contact: Frank DAgostino 508-481-6200

Certifications: MA (M-MA136,SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) ME (MA00136) FL (E87579) NY (11791) NJ (MA926) PA (6801121) ND (R-188) CO MN (11546AA) NC (653) IL (002337) ISO 17025:2005 (L2235)

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Test results relate only to samples analyzed.

Accutest Laboratories is the sole authority for authorizing edits or modifications to this document. Unauthorized modification of this report is strictly prohibited.

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Accutest Laboratories

Sample Summary

Global General Services

Job No: MC4194

Kittery Maine Site 30 Disposal Samples
Project No: 139799

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
MC4194-1	09/30/11	10:24	JW	10/01/11	SO	Soil	139799-WASTE-S-001
MC4194-1A	09/30/11	10:24	JW	10/01/11	SO	Soil	139799-WASTE-S-001
MC4194-2	09/30/11	10:45	JW	10/01/11	SO	Solid	139799-WASTE-C-001
MC4194-2A	09/30/11	10:45	JW	10/01/11	SO	Solid	139799-WASTE-C-001

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:	Global General Services	**Job No**	MC4194
Site:	Kittery Maine Site 30 Disposal Samples	**Report Date**	10/10/2011 6:06:44 PM

2 Sample(s) were collected on 09/30/2011 and were received at Accutest on 10/01/2011 properly preserved, at 2.9 Deg. C and intact. These Samples received an Accutest job number of MC4194. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix: LEACHATE **Batch ID:** GP13589

- Sample(s) MC4146-1LS, MC4188-1LS were used as the QC samples indicated.

Matrix: SO **Batch ID:** MSV101

- All samples were analyzed within the recommended method holding time.
- Sample(s) MC4079-11MS, MC4079-11MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Blank Spike Recovery(s) for 1,1,2,2-Tetrachloroethane, 2-Butanone (MEK), 2-Hexanone, 4-Methyl-2-pentanone (MIBK) are outside control limits. Associated samples are non-detect for this compound.
- Matrix Spike Recovery(s) for Acetone are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.
- Matrix Spike Duplicate Recovery(s) for Acetone, Methylene chloride are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.
- Matrix Spike Recovery(s) for 1,1,2,2-Tetrachloroethane, 2-Hexanone, Chloroethane are outside control limits. Associated samples are non-detect for this compound.
- MC4079-11MS/MSD for 4-Bromofluorobenzene: Outside control limits due to possible matrix interference. Confirmed by MS/MSD.
- Matrix Spike Duplicate Recovery(s) for Chlorobenzene, Chloromethane, 1,1-Dichloroethane, 1,1-Dichloroethene, 1,1,2,2-Tetrachloroethane, 2-Hexanone are outside control limits. Associated samples are non-detect for this compound.

Extractables by GCMS By Method SW846 8270C

Matrix: LEACHATE **Batch ID:** OP26473

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Sample(s) MC4051-1AMS, MC4051-1AMSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Matrix: SO **Batch ID:** OP26484

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Sample(s) MC3901-63MS, MC3901-63MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- MC4194-2: Confirmation run for surrogate recoveries.
- MC4194-2 for 2-Fluorobiphenyl, 2-Fluorophenol, Terphenyl-d14: Outside control limits due to possible matrix interference. Confirmed by reanalysis.

Volatiles by GC By Method SW846 8015

Matrix: SO **Batch ID:** GBH1341

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC4194-1MS, MC4194-1MSD were used as the QC samples indicated.

Extractables by GC By Method SW846 8081

Matrix: LEACHATE **Batch ID:** OP26469

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Sample(s) MC4051-1AMS, MC4051-1AMSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Matrix Spike Recovery(s) for Methoxychlor are outside control limits. Outside control limits due to possible matrix interference.

Extractables by GC By Method SW846 8082

Matrix: SO **Batch ID:** OP26486

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC4117-10MS, MC4117-10MSD were used as the QC samples indicated.

Extractables by GC By Method SW846 8151

Matrix: LEACHATE **Batch ID:** OP26470

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Sample(s) MC4051-1AMS, MC4051-1AMSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Extractables by GC By Method SW846-8015

Matrix: SO **Batch ID:** OP26496

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Sample(s) MC3948-1MS, MC3948-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Metals By Method SW846 6010C

Matrix: LEACHATE **Batch ID:** MP17858

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC4146-2MS, MC4146-2MSD, MC4146-2PS, MC4146-2SDL were used as the QC samples for metals.
- RPD(s) for Serial Dilution for Arsenic, Cadmium, Chromium, Lead, Silver are outside control limits for sample MP17858-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- ICSA from batch MA13470: Absolute value of conc entration for Ba is greater than LOD. Q-flag for Ba were applied to associated samples.

Matrix: SO **Batch ID:** MP17851

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC3902-1MS, MC3902-1MSD, MC3902-1PS, MC3902-1SDL were used as the QC samples for metals.
- RPD(s) for Serial Dilution for Cadmium are outside control limits for sample MP17851-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- MP17851-PS1 for Arsenic: Post-digestion spike recovery outside of the control limit.

Metals By Method SW846 7470A

Matrix: LEACHATE **Batch ID:** MP17859

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC4146-2MS, MC4146-2MSD were used as the QC samples for metals.

Metals By Method SW846 7471B

Matrix: SO **Batch ID:** MP17872

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC4194-1MS, MC4194-1MSD were used as the QC samples for metals.

Wet Chemistry By Method SM21 2540 B MOD.

Matrix: SO **Batch ID:** GN36385

- Sample(s) MC4147-1DUP were used as the QC samples for Solids, Percent.

Wet Chemistry By Method SW846 1020

Matrix: SO **Batch ID:** GN36387

- Sample(s) MC4188-1DUP were used as the QC samples for Ignitability (Flashpoint).

Wet Chemistry By Method SW846 CHAP7

Matrix: SO	**Batch ID:** GN36390

- Sample(s) MC4146-2DUP were used as the QC samples for Corrosivity as pH.

Matrix: SO	**Batch ID:** GP13597

- All samples were distilled within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC4146-1DUP, MC4146-1MS were used as the QC samples for Cyanide Reactivity.

Matrix: SO	**Batch ID:** GP13598

- All samples were distilled within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC4146-1DUP, MC4146-1MS were used as the QC samples for Sulfide Reactivity.

The Accutest Laboratories of New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety.The Accutest Laboratories of NE, Laboratory Director or assignee as verified by the signature on the cover page has authorized the release of this report(MC4194).

New England ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	139799-WASTE-S-001		
Lab Sample ID:	MC4194-1	**Date Sampled:**	09/30/11
Matrix:	SO - Soil	**Date Received:**	10/01/11
Method:	SW846 8260B	**Percent Solids:**	92.8
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V2332.D	1	10/05/11	AMY	n/a	n/a	MSV101
Run #2							

	Initial Weight	Final Volume
Run #1	7.04 g	5.0 ml
Run #2		

VOA TCL List

CAS No.	Compound	Result	LOQ	LOD	Units	Q
67-64-1	Acetone	28.3	3.8	3.8	ug/kg	
71-43-2	Benzene	0.19 U	0.38	0.19	ug/kg	
75-27-4	Bromodichloromethane	0.38 U	1.5	0.38	ug/kg	
75-25-2	Bromoform	0.38 U	1.5	0.38	ug/kg	
74-83-9	Bromomethane	1.5 U	1.5	1.5	ug/kg	
78-93-3	2-Butanone (MEK)	1.5 U	3.8	1.5	ug/kg	
75-15-0	Carbon disulfide	1.5 U	3.8	1.5	ug/kg	
56-23-5	Carbon tetrachloride	0.38 U	1.5	0.38	ug/kg	
108-90-7	Chlorobenzene	0.19 U	1.5	0.19	ug/kg	
75-00-3	Chloroethane	0.38 U	3.8	0.38	ug/kg	
67-66-3	Chloroform	0.38 U	1.5	0.38	ug/kg	
74-87-3	Chloromethane	1.5 U	3.8	1.5	ug/kg	
124-48-1	Dibromochloromethane	1.5 U	1.5	1.5	ug/kg	
75-34-3	1,1-Dichloroethane	0.38 U	1.5	0.38	ug/kg	
107-06-2	1,2-Dichloroethane	0.38 U	1.5	0.38	ug/kg	
75-35-4	1,1-Dichloroethene	0.38 U	1.5	0.38	ug/kg	
156-59-2	cis-1,2-Dichloroethene	0.38 U	1.5	0.38	ug/kg	
156-60-5	trans-1,2-Dichloroethene	0.38 U	1.5	0.38	ug/kg	
78-87-5	1,2-Dichloropropane	0.38 U	1.5	0.38	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	1.5 U	1.5	1.5	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	1.5 U	1.5	1.5	ug/kg	
100-41-4	Ethylbenzene	0.38 U	1.5	0.38	ug/kg	
591-78-6	2-Hexanone	3.8 U	3.8	3.8	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	1.5 U	3.8	1.5	ug/kg	
75-09-2	Methylene chloride	0.38 U	1.5	0.38	ug/kg	
100-42-5	Styrene	0.38 U	3.8	0.38	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	0.38 U	1.5	0.38	ug/kg	
127-18-4	Tetrachloroethene	0.38 U	1.5	0.38	ug/kg	
108-88-3	Toluene	0.38 U	3.8	0.38	ug/kg	
71-55-6	1,1,1-Trichloroethane	0.38 U	1.5	0.38	ug/kg	
79-00-5	1,1,2-Trichloroethane	0.38 U	1.5	0.38	ug/kg	
79-01-6	Trichloroethene	0.38 U	1.5	0.38	ug/kg	

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-S-001		
Lab Sample ID:	MC4194-1	**Date Sampled:**	09/30/11
Matrix:	SO - Soil	**Date Received:**	10/01/11
Method:	SW846 8260B	**Percent Solids:**	92.8
Project:	Kittery Maine Site 30 Disposal Samples		

VOA TCL List

CAS No.	Compound	Result	LOQ	LOD	Units	Q
75-01-4	Vinyl chloride	1.5 U	1.5	1.5	ug/kg	
1330-20-7	Xylene (total)	0.38 U	1.5	0.38	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		70-130%
2037-26-5	Toluene-D8	95%		70-130%
460-00-4	4-Bromofluorobenzene	101%		70-130%

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-S-001		
Lab Sample ID:	MC4194-1	**Date Sampled:**	09/30/11
Matrix:	SO - Soil	**Date Received:**	10/01/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	92.8
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	S27654.D	1	10/06/11	PR	10/04/11	OP26484	MSS1197
Run #2							

	Initial Weight	Final Volume
Run #1	20.6 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	LOQ	LOD	Units	Q
95-57-8	2-Chlorophenol	14 U	260	14 [a]	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	18 U	520	18 [a]	ug/kg	
120-83-2	2,4-Dichlorophenol	31 U	520	31 [a]	ug/kg	
105-67-9	2,4-Dimethylphenol	52 U	520	52 [a]	ug/kg	
51-28-5	2,4-Dinitrophenol	260 U	1000	260 [a]	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	260 U	520	260 [a]	ug/kg	
95-48-7	2-Methylphenol	15 U	520	15 [a]	ug/kg	
	3&4-Methylphenol	28 U	520	28 [a]	ug/kg	
88-75-5	2-Nitrophenol	31 U	520	31 [a]	ug/kg	
100-02-7	4-Nitrophenol	260 U	1000	260 [a]	ug/kg	
87-86-5	Pentachlorophenol	49 U	520	49 [a]	ug/kg	
108-95-2	Phenol	44 U	260	44 [a]	ug/kg	
95-95-4	2,4,5-Trichlorophenol	39 U	520	39 [a]	ug/kg	
88-06-2	2,4,6-Trichlorophenol	36 U	520	36 [a]	ug/kg	
83-32-9	Acenaphthene	22 U	260	22 [a]	ug/kg	
208-96-8	Acenaphthylene	20 U	260	20 [a]	ug/kg	
120-12-7	Anthracene	21 U	260	21 [a]	ug/kg	
56-55-3	Benzo(a)anthracene	9.6 U	260	9.6 [a]	ug/kg	
50-32-8	Benzo(a)pyrene	16 U	260	16 [a]	ug/kg	
205-99-2	Benzo(b)fluoranthene	31 U	260	31 [a]	ug/kg	
191-24-2	Benzo(g,h,i)perylene	17 U	260	17 [a]	ug/kg	
207-08-9	Benzo(k)fluoranthene	7.8 U	260	7.8 [a]	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	21 U	260	21 [a]	ug/kg	
85-68-7	Butyl benzyl phthalate	25.4	260	11 [a]	ug/kg	J
91-58-7	2-Chloronaphthalene	22 U	260	22 [a]	ug/kg	
106-47-8	4-Chloroaniline	130 U	520	130 [a]	ug/kg	
86-74-8	Carbazole	21 U	260	21 [a]	ug/kg	
218-01-9	Chrysene	8.5 U	260	8.5 [a]	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	20 U	260	20 [a]	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	5.6 U	260	5.6 [a]	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	25 U	260	25 [a]	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	24 U	260	24 [a]	ug/kg	

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-S-001		
Lab Sample ID:	MC4194-1	**Date Sampled:**	09/30/11
Matrix:	SO - Soil	**Date Received:**	10/01/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	92.8
Project:	Kittery Maine Site 30 Disposal Samples		

ABN TCL List

CAS No.	Compound	Result	LOQ	LOD	Units	Q
95-50-1	1,2-Dichlorobenzene	21 U	260	21 [a]	ug/kg	
541-73-1	1,3-Dichlorobenzene	22 U	260	22 [a]	ug/kg	
106-46-7	1,4-Dichlorobenzene	22 U	260	22 [a]	ug/kg	
121-14-2	2,4-Dinitrotoluene	130 U	520	130 [a]	ug/kg	
606-20-2	2,6-Dinitrotoluene	25 U	520	25 [a]	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	6.3 U	260	6.3 [a]	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	17 U	260	17 [a]	ug/kg	
132-64-9	Dibenzofuran	22 U	260	22 [a]	ug/kg	
84-74-2	Di-n-butyl phthalate	24 U	260	24 [a]	ug/kg	
117-84-0	Di-n-octyl phthalate	14 U	260	14 [a]	ug/kg	
84-66-2	Diethyl phthalate	23 U	260	23 [a]	ug/kg	
131-11-3	Dimethyl phthalate	18 U	260	18 [a]	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	187	260	18 [a]	ug/kg	J
206-44-0	Fluoranthene	8.9 U	260	8.9 [a]	ug/kg	
86-73-7	Fluorene	5.8 U	260	5.8 [a]	ug/kg	
118-74-1	Hexachlorobenzene	23 U	260	23 [a]	ug/kg	
87-68-3	Hexachlorobutadiene	21 U	260	21 [a]	ug/kg	
77-47-4	Hexachlorocyclopentadiene	3.5 U	520	3.5 [a]	ug/kg	
67-72-1	Hexachloroethane	21 U	260	21 [a]	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	16 U	260	16 [a]	ug/kg	
78-59-1	Isophorone	26 U	260	26 [a]	ug/kg	
91-57-6	2-Methylnaphthalene	22 U	260	22 [a]	ug/kg	
88-74-4	2-Nitroaniline	130 U	520	130 [a]	ug/kg	
99-09-2	3-Nitroaniline	130 U	520	130 [a]	ug/kg	
100-01-6	4-Nitroaniline	19 U	520	19 [a]	ug/kg	
91-20-3	Naphthalene	6.1 U	260	6.1 [a]	ug/kg	
98-95-3	Nitrobenzene	7.8 U	260	7.8 [a]	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	17 U	260	17 [a]	ug/kg	
86-30-6	N-Nitrosodiphenylamine	14 U	260	14 [a]	ug/kg	
85-01-8	Phenanthrene	6.8 U	260	6.8 [a]	ug/kg	
129-00-0	Pyrene	8.4 U	260	8.4 [a]	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	23 U	260	23 [a]	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	54%		30-130%
4165-62-2	Phenol-d5	55%		30-130%
118-79-6	2,4,6-Tribromophenol	61%		30-130%
4165-60-0	Nitrobenzene-d5	53%		30-130%
321-60-8	2-Fluorobiphenyl	58%		30-130%

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-S-001		
Lab Sample ID:	MC4194-1	**Date Sampled:**	09/30/11
Matrix:	SO - Soil	**Date Received:**	10/01/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	92.8
Project:	Kittery Maine Site 30 Disposal Samples		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	76%		30-130%

(a) Value reported is laboratory DL (MDL).

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-S-001		
Lab Sample ID:	MC4194-1	**Date Sampled:**	09/30/11
Matrix:	SO - Soil	**Date Received:**	10/01/11
Method:	SW846 8015	**Percent Solids:**	92.8
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BH24397.D	1	10/06/11	WS	n/a	n/a	GBH1341
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	6.31 g	10.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	LOQ	LOD	Units	Q
	TPH-GRO (VOA)	1.7 U	8.9	1.7 [a]	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
615-59-8	2,5-Dibromotoluene	86%		36-148%

(a) Value reported is laboratory DL (MDL).

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-S-001		
Lab Sample ID:	MC4194-1	**Date Sampled:**	09/30/11
Matrix:	SO - Soil	**Date Received:**	10/01/11
Method:	SW846 8082 SW846 3546	**Percent Solids:**	92.8
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YZ68242.D	1	10/05/11	CZ	10/04/11	OP26486	GYZ6528
Run #2							

	Initial Weight	Final Volume
Run #1	15.4 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	LOQ	LOD	Units	Q
12674-11-2	Aroclor 1016	35 U	110	35	ug/kg	
11104-28-2	Aroclor 1221	35 U	110	35	ug/kg	
11141-16-5	Aroclor 1232	35 U	110	35	ug/kg	
53469-21-9	Aroclor 1242	7.1 U	110	7.1	ug/kg	
12672-29-6	Aroclor 1248	7.0 U	110	7.0	ug/kg	
11097-69-1	Aroclor 1254	35 U	110	35	ug/kg	
11096-82-5	Aroclor 1260	7.0 U	110	7.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	90%		30-150%
877-09-8	Tetrachloro-m-xylene	86%		30-150%
2051-24-3	Decachlorobiphenyl	85%		30-150%
2051-24-3	Decachlorobiphenyl	83%		30-150%

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-S-001		
Lab Sample ID:	MC4194-1	**Date Sampled:**	09/30/11
Matrix:	SO - Soil	**Date Received:**	10/01/11
Method:	SW846-8015 SW846 3546	**Percent Solids:**	92.8
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BC54842.D	1	10/07/11	SS	10/05/11	OP26496	GBC2619
Run #2							

	Initial Weight	Final Volume
Run #1	15.9 g	1.0 ml
Run #2		

CAS No.	Compound	Result	LOQ	LOD	Units	Q
	TPH-DRO (Semi-VOA)	21.0	17	13 [a]	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	92%		40-140%

(a) Value reported is laboratory DL (MDL).

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-S-001		
Lab Sample ID:	MC4194-1	**Date Sampled:**	09/30/11
Matrix:	SO - Soil	**Date Received:**	10/01/11
		Percent Solids:	92.8
Project:	Kittery Maine Site 30 Disposal Samples		

Metals Analysis

Analyte	Result	LOQ	LOD	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	17.7	0.88	0.12	mg/kg	1	10/04/11	10/07/11	DA	SW846 6010C [2]	SW846 3050B [3]
Cadmium	0.12 J	0.35	0.053	mg/kg	1	10/04/11	10/07/11	DA	SW846 6010C [2]	SW846 3050B [3]
Chromium	25.1	0.88	0.12	mg/kg	1	10/04/11	10/07/11	DA	SW846 6010C [2]	SW846 3050B [3]
Lead	8.3	0.88	0.31	mg/kg	1	10/04/11	10/07/11	DA	SW846 6010C [2]	SW846 3050B [3]
Mercury	0.012 U	0.034	0.012	mg/kg	1	10/06/11	10/06/11	MA	SW846 7471B [1]	SW846 7471B [4]

(1) Instrument QC Batch: MA13472
(2) Instrument QC Batch: MA13487
(3) Prep QC Batch: MP17851
(4) Prep QC Batch: MP17872

LOQ = Limit of Quantitation
LOD = Limit of Detection

U = Indicates a result < LOD
J = Indicates a result > = LOD but < LOQ

Report of Analysis

Client Sample ID:	139799-WASTE-S-001		
Lab Sample ID:	MC4194-1	**Date Sampled:**	09/30/11
Matrix:	SO - Soil	**Date Received:**	10/01/11
		Percent Solids:	92.8
Project:	Kittery Maine Site 30 Disposal Samples		

General Chemistry

Analyte	Result	LOQ	LOD	Units	DF	Analyzed	By	Method
Corrosivity as pH	7.3				1	10/04/11	MA	SW846 CHAP7
Cyanide Reactivity	1.6 U	1.6	1.6	mg/kg	1	10/05/11	BF	SW846 CHAP7
Ignitability (Flashpoint)	> 230			Deg. F	1	10/04/11	BF	SW846 1020
Solids, Percent	92.8			%	1	10/04/11	CF	SM21 2540 B MOD.
Sulfide Reactivity	54 U	54	54	mg/kg	1	10/05/11	BF	SW846 CHAP7

LOQ = Limit of Quantitation
LOD = Limit of Detection

U = Indicates a result < LOD
J = Indicates a result > = LOD but < LOQ

Report of Analysis

Client Sample ID:	139799-WASTE-S-001		
Lab Sample ID:	MC4194-1A	**Date Sampled:**	09/30/11
Matrix:	SO - Soil	**Date Received:**	10/01/11
Method:	SW846 8260B SW846 1311	**Percent Solids:**	92.8
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L57599.D	100	10/04/11	EK	10/03/11	GP13589	MSL1932
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	LOQ	LOD	Units	Q
71-43-2	Benzene	0.046 U	D018	0.50	0.050	0.046 [a]	mg/l	
78-93-3	2-Butanone (MEK)	0.27 U	D035	200	0.50	0.27 [a]	mg/l	
56-23-5	Carbon tetrachloride	0.058 U	D019	0.50	0.10	0.058 [a]	mg/l	
108-90-7	Chlorobenzene	0.044 U	D021	100	0.10	0.044 [a]	mg/l	
67-66-3	Chloroform	0.058 U	D022	6.0	0.10	0.058 [a]	mg/l	
106-46-7	1,4-Dichlorobenzene	0.042 U	D027	7.5	0.10	0.042 [a]	mg/l	
107-06-2	1,2-Dichloroethane	0.044 U	D028	0.50	0.10	0.044 [a]	mg/l	
75-35-4	1,1-Dichloroethene	0.080 U	D029	0.70	0.10	0.080 [a]	mg/l	
127-18-4	Tetrachloroethene	0.036 U	D039	0.70	0.10	0.036 [a]	mg/l	
79-01-6	Trichloroethene	0.075 U	D040	0.50	0.10	0.075 [a]	mg/l	
75-01-4	Vinyl chloride	0.083 U	D043	0.20	0.10	0.083 [a]	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	92%		70-130%
2037-26-5	Toluene-D8	92%		70-130%
460-00-4	4-Bromofluorobenzene	88%		70-130%

(a) Value reported is laboratory DL (MDL).

U = Not detected LOD - Limit of Detection
MCL = Maximum Contamination Level (40 CFR 261 6/96)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-S-001		
Lab Sample ID:	MC4194-1A	**Date Sampled:**	09/30/11
Matrix:	SO - Soil	**Date Received:**	10/01/11
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	92.8
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	S27622.D	1	10/05/11	PR	10/03/11	OP26473	MSS1195
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	1.0 ml
Run #2		

ABN TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	LOQ	LOD	Units	Q
95-48-7	2-Methylphenol	0.020 U	D023	200	0.10	0.020	mg/l	
	3&4-Methylphenol	0.010 U	D024	200	0.10	0.010	mg/l	
87-86-5	Pentachlorophenol	0.020 U	D037	100	0.10	0.020	mg/l	
95-95-4	2,4,5-Trichlorophenol	0.0050 U	D041	400	0.10	0.0050	mg/l	
88-06-2	2,4,6-Trichlorophenol	0.0050 U	D042	2.0	0.10	0.0050	mg/l	
106-46-7	1,4-Dichlorobenzene	0.0050 U	D027	7.5	0.050	0.0050	mg/l	
121-14-2	2,4-Dinitrotoluene	0.020 U	D030	0.13	0.10	0.020	mg/l	
118-74-1	Hexachlorobenzene	0.0050 U	D032	0.13	0.050	0.0050	mg/l	
87-68-3	Hexachlorobutadiene	0.0050 U	D033	0.50	0.050	0.0050	mg/l	
67-72-1	Hexachloroethane	0.020 U	D034	3.0	0.050	0.020	mg/l	
98-95-3	Nitrobenzene	0.0050 U	D036	2.0	0.050	0.0050	mg/l	
110-86-1	Pyridine	0.050 U	D038	5.0	0.10	0.050	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	82%		15-110%
4165-62-2	Phenol-d5	75%		15-110%
118-79-6	2,4,6-Tribromophenol	92%		15-110%
4165-60-0	Nitrobenzene-d5	87%		30-130%
321-60-8	2-Fluorobiphenyl	88%		30-130%
1718-51-0	Terphenyl-d14	92%		30-130%

U = Not detected LOD - Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 6/96) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-S-001		
Lab Sample ID:	MC4194-1A	**Date Sampled:**	09/30/11
Matrix:	SO - Soil	**Date Received:**	10/01/11
Method:	SW846 8151 SW846 3510C	**Percent Solids:**	92.8
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YZ68270.D	1	10/06/11	CZ	10/03/11	OP26470	GYZ6530
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	5.0 ml
Run #2		

Herbicide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	LOQ	LOD	Units	Q
94-75-7	2,4-D	0.0014 U	D016	10	0.010	0.0014	mg/l	
93-72-1	2,4,5-TP (Silvex)	0.0013 U	D017	1.0	0.010	0.0013	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	98%		30-150%
19719-28-9	2,4-DCAA	100%		30-150%

U = Not detected LOD - Limit of Detection
MCL = Maximum Contamination Level (40 CFR 261 6/96)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-S-001		
Lab Sample ID:	MC4194-1A	**Date Sampled:**	09/30/11
Matrix:	SO - Soil	**Date Received:**	10/01/11
Method:	SW846 8081 SW846 3510C	**Percent Solids:**	92.8
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BB38618.D	1	10/05/11	CZ	10/03/11	OP26469	GBB2413
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	5.0 ml
Run #2		

Pesticide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	LOQ	LOD	Units	Q
58-89-9	gamma-BHC (Lindane)	0.00025 U	D013	0.40	0.00050	0.00025	mg/l	
12789-03-6	Chlordane	0.0050 U	D020	0.030	0.0050	0.0050	mg/l	
72-20-8	Endrin	0.00025 U	D012	0.020	0.00050	0.00025	mg/l	
76-44-8	Heptachlor	0.00025 U	D031	0.0080	0.00050	0.00025	mg/l	
1024-57-3	Heptachlor epoxide	0.00025 U	D031	0.0080	0.00050	0.00025	mg/l	
72-43-5	Methoxychlor	0.00025 U	D014	10	0.00050	0.00025	mg/l	
8001-35-2	Toxaphene	0.0025 U	D015	0.50	0.025	0.0025	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	76%		30-150%
877-09-8	Tetrachloro-m-xylene	68%		30-150%
2051-24-3	Decachlorobiphenyl	83%		30-150%
2051-24-3	Decachlorobiphenyl	72%		30-150%

U = Not detected LOD - Limit of Detection
MCL = Maximum Contamination Level (40 CFR 261 6/96)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-S-001		
Lab Sample ID:	MC4194-1A	**Date Sampled:**	09/30/11
Matrix:	SO - Soil	**Date Received:**	10/01/11
		Percent Solids:	92.8
Project:	Kittery Maine Site 30 Disposal Samples		

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	LOQ	LOD	Units	DF	Prep	Analyzed	By	Method
Arsenic	0.0035 U	D004	5.0	0.010	0.0035	mg/l	1	10/04/11	10/05/11	DA	SW846 6010C [2]
Barium	0.21 J,Q	D005	100	0.50	0.0010	mg/l	1	10/04/11	10/05/11	DA	SW846 6010C [2]
Cadmium	0.0018 J	D006	1.0	0.0040	0.00060	mg/l	1	10/04/11	10/05/11	DA	SW846 6010C [2]
Chromium	0.0039 J	D007	5.0	0.010	0.0010	mg/l	1	10/04/11	10/05/11	DA	SW846 6010C [2]
Lead	0.0035 U	D008	5.0	0.010	0.0035	mg/l	1	10/04/11	10/05/11	DA	SW846 6010C [2]
Mercury	0.000058 U	D009	0.20	0.00020	0.000058	mg/l	1	10/04/11	10/04/11	MA	SW846 7470A [1]
Selenium	0.0035 U	D010	1.0	0.025	0.0035	mg/l	1	10/04/11	10/05/11	DA	SW846 6010C [2]
Silver	0.0010 U	D011	5.0	0.0050	0.0010	mg/l	1	10/04/11	10/05/11	DA	SW846 6010C [2]

(1) Instrument QC Batch: MA13467
(2) Instrument QC Batch: MA13470
(3) Prep QC Batch: MP17858
(4) Prep QC Batch: MP17859

LOQ = Limit of Quantitation LOD = Limit of Detection U = Indicates a result < LOD
MCL = Maximum Contamination Level (40 CFR 261 6/96) J = Indicates a result > = LOD but < LOQ

Report of Analysis

Client Sample ID:	139799-WASTE-C-001		
Lab Sample ID:	MC4194-2	**Date Sampled:**	09/30/11
Matrix:	SO - Solid	**Date Received:**	10/01/11
Method:	SW846 8260B	**Percent Solids:**	91.1
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V2333.D	1	10/05/11	AMY	n/a	n/a	MSV101
Run #2							

	Initial Weight	Final Volume
Run #1	5.80 g	5.0 ml
Run #2		

VOA TCL List

CAS No.	Compound	Result	LOQ	LOD	Units	Q
67-64-1	Acetone	4.7 U	4.7	4.7	ug/kg	
71-43-2	Benzene	0.24 U	0.47	0.24	ug/kg	
75-27-4	Bromodichloromethane	0.47 U	1.9	0.47	ug/kg	
75-25-2	Bromoform	0.47 U	1.9	0.47	ug/kg	
74-83-9	Bromomethane	1.9 U	1.9	1.9	ug/kg	
78-93-3	2-Butanone (MEK)	1.9 U	4.7	1.9	ug/kg	
75-15-0	Carbon disulfide	2.3	4.7	1.9	ug/kg	J
56-23-5	Carbon tetrachloride	0.47 U	1.9	0.47	ug/kg	
108-90-7	Chlorobenzene	0.24 U	1.9	0.24	ug/kg	
75-00-3	Chloroethane	0.47 U	4.7	0.47	ug/kg	
67-66-3	Chloroform	0.47 U	1.9	0.47	ug/kg	
74-87-3	Chloromethane	1.9 U	4.7	1.9	ug/kg	
124-48-1	Dibromochloromethane	1.9 U	1.9	1.9	ug/kg	
75-34-3	1,1-Dichloroethane	0.47 U	1.9	0.47	ug/kg	
107-06-2	1,2-Dichloroethane	0.47 U	1.9	0.47	ug/kg	
75-35-4	1,1-Dichloroethene	0.47 U	1.9	0.47	ug/kg	
156-59-2	cis-1,2-Dichloroethene	0.47 U	1.9	0.47	ug/kg	
156-60-5	trans-1,2-Dichloroethene	0.47 U	1.9	0.47	ug/kg	
78-87-5	1,2-Dichloropropane	0.47 U	1.9	0.47	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	1.9 U	1.9	1.9	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	1.9 U	1.9	1.9	ug/kg	
100-41-4	Ethylbenzene	0.47 U	1.9	0.47	ug/kg	
591-78-6	2-Hexanone	4.7 U	4.7	4.7	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	1.9 U	4.7	1.9	ug/kg	
75-09-2	Methylene chloride	0.47 U	1.9	0.47	ug/kg	
100-42-5	Styrene	0.47 U	4.7	0.47	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	0.47 U	1.9	0.47	ug/kg	
127-18-4	Tetrachloroethene	0.47 U	1.9	0.47	ug/kg	
108-88-3	Toluene	0.47 U	4.7	0.47	ug/kg	
71-55-6	1,1,1-Trichloroethane	0.47 U	1.9	0.47	ug/kg	
79-00-5	1,1,2-Trichloroethane	0.47 U	1.9	0.47	ug/kg	
79-01-6	Trichloroethene	0.47 U	1.9	0.47	ug/kg	

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-C-001		
Lab Sample ID:	MC4194-2	**Date Sampled:**	09/30/11
Matrix:	SO - Solid	**Date Received:**	10/01/11
Method:	SW846 8260B	**Percent Solids:**	91.1
Project:	Kittery Maine Site 30 Disposal Samples		

VOA TCL List

CAS No.	Compound	Result	LOQ	LOD	Units	Q
75-01-4	Vinyl chloride	1.9 U	1.9	1.9	ug/kg	
1330-20-7	Xylene (total)	0.47 U	1.9	0.47	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		70-130%
2037-26-5	Toluene-D8	95%		70-130%
460-00-4	4-Bromofluorobenzene	101%		70-130%

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-C-001		
Lab Sample ID:	MC4194-2	**Date Sampled:**	09/30/11
Matrix:	SO - Solid	**Date Received:**	10/01/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	91.1
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	S27655.D	1	10/06/11	PR	10/04/11	OP26484	MSS1197
Run #2 [a]	S27703A.D	1	10/07/11	KR	10/04/11	OP26484	MSS1198

	Initial Weight	Final Volume
Run #1	20.7 g	1.0 ml
Run #2	20.7 g	1.0 ml

ABN TCL List

CAS No.	Compound	Result	LOQ	LOD	Units	Q
95-57-8	2-Chlorophenol	14 U	260	14 [b]	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	18 U	530	18 [b]	ug/kg	
120-83-2	2,4-Dichlorophenol	31 U	530	31 [b]	ug/kg	
105-67-9	2,4-Dimethylphenol	53 U	530	53 [b]	ug/kg	
51-28-5	2,4-Dinitrophenol	260 U	1100	260 [b]	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	260 U	530	260 [b]	ug/kg	
95-48-7	2-Methylphenol	15 U	530	15 [b]	ug/kg	
	3&4-Methylphenol	28 U	530	28 [b]	ug/kg	
88-75-5	2-Nitrophenol	32 U	530	32 [b]	ug/kg	
100-02-7	4-Nitrophenol	260 U	1100	260 [b]	ug/kg	
87-86-5	Pentachlorophenol	49 U	530	49 [b]	ug/kg	
108-95-2	Phenol	44 U	260	44 [b]	ug/kg	
95-95-4	2,4,5-Trichlorophenol	39 U	530	39 [b]	ug/kg	
88-06-2	2,4,6-Trichlorophenol	36 U	530	36 [b]	ug/kg	
83-32-9	Acenaphthene	22 U	260	22 [b]	ug/kg	
208-96-8	Acenaphthylene	20 U	260	20 [b]	ug/kg	
120-12-7	Anthracene	21 U	260	21 [b]	ug/kg	
56-55-3	Benzo(a)anthracene	9.7 U	260	9.7 [b]	ug/kg	
50-32-8	Benzo(a)pyrene	16 U	260	16 [b]	ug/kg	
205-99-2	Benzo(b)fluoranthene	31 U	260	31 [b]	ug/kg	
191-24-2	Benzo(g,h,i)perylene	17 U	260	17 [b]	ug/kg	
207-08-9	Benzo(k)fluoranthene	7.8 U	260	7.8 [b]	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	22 U	260	22 [b]	ug/kg	
85-68-7	Butyl benzyl phthalate	11 U	260	11 [b]	ug/kg	
91-58-7	2-Chloronaphthalene	22 U	260	22 [b]	ug/kg	
106-47-8	4-Chloroaniline	130 U	530	130 [b]	ug/kg	
86-74-8	Carbazole	21 U	260	21 [b]	ug/kg	
218-01-9	Chrysene	8.6 U	260	8.6 [b]	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	21 U	260	21 [b]	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	5.7 U	260	5.7 [b]	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	25 U	260	25 [b]	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	24 U	260	24 [b]	ug/kg	

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-C-001		
Lab Sample ID:	MC4194-2	**Date Sampled:**	09/30/11
Matrix:	SO - Solid	**Date Received:**	10/01/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	91.1
Project:	Kittery Maine Site 30 Disposal Samples		

ABN TCL List

CAS No.	Compound	Result	LOQ	LOD	Units	Q
95-50-1	1,2-Dichlorobenzene	21 U	260	21 [b]	ug/kg	
541-73-1	1,3-Dichlorobenzene	22 U	260	22 [b]	ug/kg	
106-46-7	1,4-Dichlorobenzene	22 U	260	22 [b]	ug/kg	
121-14-2	2,4-Dinitrotoluene	130 U	530	130 [b]	ug/kg	
606-20-2	2,6-Dinitrotoluene	25 U	530	25 [b]	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	6.4 U	260	6.4 [b]	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	17 U	260	17 [b]	ug/kg	
132-64-9	Dibenzofuran	23 U	260	23 [b]	ug/kg	
84-74-2	Di-n-butyl phthalate	24 U	260	24 [b]	ug/kg	
117-84-0	Di-n-octyl phthalate	14 U	260	14 [b]	ug/kg	
84-66-2	Diethyl phthalate	23 U	260	23 [b]	ug/kg	
131-11-3	Dimethyl phthalate	19 U	260	19 [b]	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	25.5	260	18 [b]	ug/kg	J
206-44-0	Fluoranthene	9.0 U	260	9.0 [b]	ug/kg	
86-73-7	Fluorene	5.8 U	260	5.8 [b]	ug/kg	
118-74-1	Hexachlorobenzene	23 U	260	23 [b]	ug/kg	
87-68-3	Hexachlorobutadiene	21 U	260	21 [b]	ug/kg	
77-47-4	Hexachlorocyclopentadiene	3.6 U	530	3.6 [b]	ug/kg	
67-72-1	Hexachloroethane	22 U	260	22 [b]	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	16 U	260	16 [b]	ug/kg	
78-59-1	Isophorone	89.2	260	26 [b]	ug/kg	J
91-57-6	2-Methylnaphthalene	22 U	260	22 [b]	ug/kg	
88-74-4	2-Nitroaniline	130 U	530	130 [b]	ug/kg	
99-09-2	3-Nitroaniline	130 U	530	130 [b]	ug/kg	
100-01-6	4-Nitroaniline	20 U	530	20 [b]	ug/kg	
91-20-3	Naphthalene	6.1 U	260	6.1 [b]	ug/kg	
98-95-3	Nitrobenzene	7.8 U	260	7.8 [b]	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	17 U	260	17 [b]	ug/kg	
86-30-6	N-Nitrosodiphenylamine	14 U	260	14 [b]	ug/kg	
85-01-8	Phenanthrene	6.8 U	260	6.8 [b]	ug/kg	
129-00-0	Pyrene	8.5 U	260	8.5 [b]	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	23 U	260	23 [b]	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	19% [c]	21% [c]	30-130%
4165-62-2	Phenol-d5	98%	100%	30-130%
118-79-6	2,4,6-Tribromophenol	40%	32%	30-130%
4165-60-0	Nitrobenzene-d5	122%	120%	30-130%
321-60-8	2-Fluorobiphenyl	140% [c]	140% [c]	30-130%

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-C-001		
Lab Sample ID:	MC4194-2	**Date Sampled:**	09/30/11
Matrix:	SO - Solid	**Date Received:**	10/01/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	91.1
Project:	Kittery Maine Site 30 Disposal Samples		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	187% [c]	165% [c]	30-130%

(a) Confirmation run for surrogate recoveries.
(b) Value reported is laboratory DL (MDL).
(c) Outside control limits due to possible matrix interference. Confirmed by reanalysis.

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-C-001		
Lab Sample ID:	MC4194-2	**Date Sampled:**	09/30/11
Matrix:	SO - Solid	**Date Received:**	10/01/11
Method:	SW846 8015	**Percent Solids:**	91.1
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BH24400.D	1	10/06/11	WS	n/a	n/a	GBH1341
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.92 g	10.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	LOQ	LOD	Units	Q
	TPH-GRO (VOA)	1.9 U	9.8	1.9 [a]	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
615-59-8	2,5-Dibromotoluene	88%		36-148%

(a) Value reported is laboratory DL (MDL).

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-C-001		
Lab Sample ID:	MC4194-2	**Date Sampled:**	09/30/11
Matrix:	SO - Solid	**Date Received:**	10/01/11
Method:	SW846 8082 SW846 3546	**Percent Solids:**	91.1
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YZ68243.D	1	10/05/11	CZ	10/04/11	OP26486	GYZ6528
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	LOQ	LOD	Units	Q
12674-11-2	Aroclor 1016	36 U	110	36	ug/kg	
11104-28-2	Aroclor 1221	36 U	110	36	ug/kg	
11141-16-5	Aroclor 1232	36 U	110	36	ug/kg	
53469-21-9	Aroclor 1242	7.3 U	110	7.3	ug/kg	
12672-29-6	Aroclor 1248	7.2 U	110	7.2	ug/kg	
11097-69-1	Aroclor 1254	36 U	110	36	ug/kg	
11096-82-5	Aroclor 1260	7.2 U	110	7.2	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	83%		30-150%
877-09-8	Tetrachloro-m-xylene	78%		30-150%
2051-24-3	Decachlorobiphenyl	82%		30-150%
2051-24-3	Decachlorobiphenyl	79%		30-150%

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-C-001		
Lab Sample ID:	MC4194-2	**Date Sampled:**	09/30/11
Matrix:	SO - Solid	**Date Received:**	10/01/11
Method:	SW846-8015 SW846 3546	**Percent Solids:**	91.1
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BC54843.D	1	10/07/11	SS	10/05/11	OP26496	GBC2619
Run #2							

	Initial Weight	Final Volume
Run #1	15.1 g	1.0 ml
Run #2		

CAS No.	Compound	Result	LOQ	LOD	Units	Q
	TPH-DRO (Semi-VOA)	18.8	18	14 [a]	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	92%		40-140%

(a) Value reported is laboratory DL (MDL).

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-C-001		
Lab Sample ID:	MC4194-2	**Date Sampled:**	09/30/11
Matrix:	SO - Solid	**Date Received:**	10/01/11
		Percent Solids:	91.1
Project:	Kittery Maine Site 30 Disposal Samples		

Metals Analysis

Analyte	Result	LOQ	LOD	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	15.5	0.92	0.13	mg/kg	1	10/04/11	10/07/11	DA	SW846 6010C [2]	SW846 3050B [3]
Cadmium	0.055 U	0.37	0.055	mg/kg	1	10/04/11	10/07/11	DA	SW846 6010C [2]	SW846 3050B [3]
Chromium	10	0.92	0.13	mg/kg	1	10/04/11	10/07/11	DA	SW846 6010C [2]	SW846 3050B [3]
Lead	3.9	0.92	0.32	mg/kg	1	10/04/11	10/07/11	DA	SW846 6010C [2]	SW846 3050B [3]
Mercury	0.012 U	0.037	0.012	mg/kg	1	10/06/11	10/06/11	MA	SW846 7471B [1]	SW846 7471B [4]

(1) Instrument QC Batch: MA13472
(2) Instrument QC Batch: MA13487
(3) Prep QC Batch: MP17851
(4) Prep QC Batch: MP17872

LOQ = Limit of Quantitation
LOD = Limit of Detection

U = Indicates a result < LOD
J = Indicates a result > = LOD but < LOQ

Report of Analysis

Client Sample ID:	139799-WASTE-C-001		
Lab Sample ID:	MC4194-2	**Date Sampled:**	09/30/11
Matrix:	SO - Solid	**Date Received:**	10/01/11
		Percent Solids:	91.1
Project:	Kittery Maine Site 30 Disposal Samples		

General Chemistry

Analyte	Result	LOQ	LOD	Units	DF	Analyzed	By	Method
Corrosivity as pH	12.0				1	10/04/11	MA	SW846 CHAP7
Cyanide Reactivity	1.6 U	1.6	1.6	mg/kg	1	10/05/11	BF	SW846 CHAP7
Ignitability (Flashpoint)	> 230			Deg. F	1	10/04/11	BF	SW846 1020
Solids, Percent	91.1			%	1	10/04/11	CF	SM21 2540 B MOD.
Sulfide Reactivity	55 U	55	55	mg/kg	1	10/05/11	BF	SW846 CHAP7

LOQ = Limit of Quantitation
LOD = Limit of Detection

U = Indicates a result < LOD
J = Indicates a result > = LOD but < LOQ

Report of Analysis

Client Sample ID:	139799-WASTE-C-001		
Lab Sample ID:	MC4194-2A	**Date Sampled:**	09/30/11
Matrix:	SO - Solid	**Date Received:**	10/01/11
Method:	SW846 8260B SW846 1311	**Percent Solids:**	91.1
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L57600.D	100	10/04/11	EK	10/03/11	GP13589	MSL1932
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	LOQ	LOD	Units	Q
71-43-2	Benzene	0.046 U	D018	0.50	0.050	0.046 [a]	mg/l	
78-93-3	2-Butanone (MEK)	0.27 U	D035	200	0.50	0.27 [a]	mg/l	
56-23-5	Carbon tetrachloride	0.058 U	D019	0.50	0.10	0.058 [a]	mg/l	
108-90-7	Chlorobenzene	0.044 U	D021	100	0.10	0.044 [a]	mg/l	
67-66-3	Chloroform	0.058 U	D022	6.0	0.10	0.058 [a]	mg/l	
106-46-7	1,4-Dichlorobenzene	0.042 U	D027	7.5	0.10	0.042 [a]	mg/l	
107-06-2	1,2-Dichloroethane	0.044 U	D028	0.50	0.10	0.044 [a]	mg/l	
75-35-4	1,1-Dichloroethene	0.080 U	D029	0.70	0.10	0.080 [a]	mg/l	
127-18-4	Tetrachloroethene	0.036 U	D039	0.70	0.10	0.036 [a]	mg/l	
79-01-6	Trichloroethene	0.075 U	D040	0.50	0.10	0.075 [a]	mg/l	
75-01-4	Vinyl chloride	0.083 U	D043	0.20	0.10	0.083 [a]	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	91%		70-130%
2037-26-5	Toluene-D8	91%		70-130%
460-00-4	4-Bromofluorobenzene	90%		70-130%

(a) Value reported is laboratory DL (MDL).

U = Not detected LOD - Limit of Detection
MCL = Maximum Contamination Level (40 CFR 261 6/96)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-C-001		
Lab Sample ID:	MC4194-2A	**Date Sampled:**	09/30/11
Matrix:	SO - Solid	**Date Received:**	10/01/11
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	91.1
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	S27623.D	1	10/05/11	PR	10/03/11	OP26473	MSS1195
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	1.0 ml
Run #2		

ABN TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	LOQ	LOD	Units	Q
95-48-7	2-Methylphenol	0.020 U	D023	200	0.10	0.020	mg/l	
	3&4-Methylphenol	0.010 U	D024	200	0.10	0.010	mg/l	
87-86-5	Pentachlorophenol	0.020 U	D037	100	0.10	0.020	mg/l	
95-95-4	2,4,5-Trichlorophenol	0.0050 U	D041	400	0.10	0.0050	mg/l	
88-06-2	2,4,6-Trichlorophenol	0.0050 U	D042	2.0	0.10	0.0050	mg/l	
106-46-7	1,4-Dichlorobenzene	0.0050 U	D027	7.5	0.050	0.0050	mg/l	
121-14-2	2,4-Dinitrotoluene	0.020 U	D030	0.13	0.10	0.020	mg/l	
118-74-1	Hexachlorobenzene	0.0050 U	D032	0.13	0.050	0.0050	mg/l	
87-68-3	Hexachlorobutadiene	0.0050 U	D033	0.50	0.050	0.0050	mg/l	
67-72-1	Hexachloroethane	0.020 U	D034	3.0	0.050	0.020	mg/l	
98-95-3	Nitrobenzene	0.0050 U	D036	2.0	0.050	0.0050	mg/l	
110-86-1	Pyridine	0.050 U	D038	5.0	0.10	0.050	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	79%		15-110%
4165-62-2	Phenol-d5	73%		15-110%
118-79-6	2,4,6-Tribromophenol	85%		15-110%
4165-60-0	Nitrobenzene-d5	82%		30-130%
321-60-8	2-Fluorobiphenyl	82%		30-130%
1718-51-0	Terphenyl-d14	85%		30-130%

U = Not detected LOD - Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 6/96) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-C-001		
Lab Sample ID:	MC4194-2A	**Date Sampled:**	09/30/11
Matrix:	SO - Solid	**Date Received:**	10/01/11
Method:	SW846 8151 SW846 3510C	**Percent Solids:**	91.1
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YZ68271.D	1	10/06/11	CZ	10/03/11	OP26470	GYZ6530
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	5.0 ml
Run #2		

Herbicide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	LOQ	LOD	Units	Q
94-75-7	2,4-D	0.0014 U	D016	10	0.010	0.0014	mg/l	
93-72-1	2,4,5-TP (Silvex)	0.0013 U	D017	1.0	0.010	0.0013	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	101%		30-150%
19719-28-9	2,4-DCAA	98%		30-150%

U = Not detected LOD - Limit of Detection
MCL = Maximum Contamination Level (40 CFR 261 6/96)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-C-001		
Lab Sample ID:	MC4194-2A	**Date Sampled:**	09/30/11
Matrix:	SO - Solid	**Date Received:**	10/01/11
Method:	SW846 8081 SW846 3510C	**Percent Solids:**	91.1
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BB38619.D	1	10/05/11	CZ	10/03/11	OP26469	GBB2413
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	5.0 ml
Run #2		

Pesticide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	LOQ	LOD	Units	Q
58-89-9	gamma-BHC (Lindane)	0.00025 U	D013	0.40	0.00050	0.00025	mg/l	
12789-03-6	Chlordane	0.0050 U	D020	0.030	0.0050	0.0050	mg/l	
72-20-8	Endrin	0.00025 U	D012	0.020	0.00050	0.00025	mg/l	
76-44-8	Heptachlor	0.00025 U	D031	0.0080	0.00050	0.00025	mg/l	
1024-57-3	Heptachlor epoxide	0.00025 U	D031	0.0080	0.00050	0.00025	mg/l	
72-43-5	Methoxychlor	0.00025 U	D014	10	0.00050	0.00025	mg/l	
8001-35-2	Toxaphene	0.0025 U	D015	0.50	0.025	0.0025	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	74%		30-150%
877-09-8	Tetrachloro-m-xylene	71%		30-150%
2051-24-3	Decachlorobiphenyl	82%		30-150%
2051-24-3	Decachlorobiphenyl	72%		30-150%

U = Not detected LOD - Limit of Detection
MCL = Maximum Contamination Level (40 CFR 261 6/96)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-C-001		
Lab Sample ID:	MC4194-2A	**Date Sampled:**	09/30/11
Matrix:	SO - Solid	**Date Received:**	10/01/11
		Percent Solids:	91.1
Project:	Kittery Maine Site 30 Disposal Samples		

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	LOQ	LOD	Units	DF	Prep	Analyzed	By	Method
Arsenic	0.0035 U	D004	5.0	0.010	0.0035	mg/l	1	10/04/11	10/05/11	DA	SW846 6010C [2]
Barium	0.15 J,Q	D005	100	0.50	0.0010	mg/l	1	10/04/11	10/05/11	DA	SW846 6010C [2]
Cadmium	0.00060 U	D006	1.0	0.0040	0.00060	mg/l	1	10/04/11	10/05/11	DA	SW846 6010C [2]
Chromium	0.0035 J	D007	5.0	0.010	0.0010	mg/l	1	10/04/11	10/05/11	DA	SW846 6010C [2]
Lead	0.0035 U	D008	5.0	0.010	0.0035	mg/l	1	10/04/11	10/05/11	DA	SW846 6010C [2]
Mercury	0.000058 U	D009	0.20	0.00020	0.000058	mg/l	1	10/04/11	10/04/11	MA	SW846 7470A [1]
Selenium	0.0035 U	D010	1.0	0.025	0.0035	mg/l	1	10/04/11	10/05/11	DA	SW846 6010C [2]
Silver	0.0010 U	D011	5.0	0.0050	0.0010	mg/l	1	10/04/11	10/05/11	DA	SW846 6010C [2]

(1) Instrument QC Batch: MA13467
(2) Instrument QC Batch: MA13470
(3) Prep QC Batch: MP17858
(4) Prep QC Batch: MP17859

LOQ = Limit of Quantitation LOD = Limit of Detection U = Indicates a result < LOD
MCL = Maximum Contamination Level (40 CFR 261 6/96) J = Indicates a result > = LOD but < LOQ

New England ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Certification Exceptions (ME)
- Chain of Custody

CHAIN-OF-CUSTODY RECORD

COC Number: 139799-93011
Purchase Order Number: MC4194

Shaw Environmental & Infrastructure, Inc.

SHAW Environmental & Infrastructure, INC. - 500 E. Main Street, Suite 1630, Norfolk, VA 23510 - (757) 363 7190

Lab Contractor	Lab Receiving Address
Accutest	Accutest New England 495 Technology Center West, Building One Marlborough, MA 01752 (508) 481-6200

Project Name	Project Number
Kittery Maine Site 30	Disposal Samples

Project Manager	Sampler	State Contact Number
139799	Natasha Kelley Sullivan	(410)529-7598

Client	Project Manager
NAVY	Fred Poulin

Analysis Desired

Item No.	Sample Number	Date	Time	Matrix	Sample Description	Number of Containers	FULL TCLP by SW-846	Cyanide Reactivity SW-846 7.3.3.2	Sulfide Reactivity SW-846 7.3.4.2	Ignitability (Flashpoint) SW-846 1020A	Corrosivity as pH SW-846 CHAP7/9045D	Total PCBs SW-846 8082B	TCL Volatiles SW-846 5035/8260B	TCL Semivolatiles SW-846 8270D	Total Metals (As, Cd, Cr, Pb, Hg) by SW-846 6010C/7471	TPH GRO/DRO SW-846 8015
1	139799-Waste-S-001	9-30-11	10:24	Soil	Site 30 Waste Sample Soil	1-950 ml amber soil jar (No Preservative), 1-40 ml vials (10ML MeOH), 2- 40 ml voa vials (Sodium Biosulfate) 2 - 2 oz jar (No Preservative)	X	X	X	X	X	X	X	X	X	X
2	139799-Waste-C-001	9-30-11	10:45	Concrete	Site 30 Waste Sample Concrete	1-950 ml amber soil jar (No Preservative), 1-40 ml vials (10ML MeOH), 2- 40 ml voa vials (Sodium Biosulfate) 2 - 2 oz jar (No Preservative)	X	X	X	X	X	X	X	X	X	X
3																
4																
5																
6																

Turnaround Time Required	Sampled By	COMMENTS
☐ 7 calendar Day TAT	Jonathan Ward, SHAW	15D, 10B2

Transfers	Relinquished By	Date	Time	Transfers	Accepted By	Date	Time	Remarks
1					FEDEX			
2	FED EX	10-1	1230	Bruce H		10-1-11	1230	
3								
4								

Summary Report

Deliverables: EDD Excel + NIRIS

Please Log In under Global General Services

*** **Fax results to Natasha Sullivan (410) 529-7599**

2.9°C

MC4194: Chain of Custody
Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: MC4194 **Client:** SHAW **Immediate Client Services Action Required:** No

Date / Time Received: 10/1/2011 **Delivery Method:** **Client Service Action Required at Login:** No

Project: KITTERY MAIE **No. Coolers:** 1 **Airbill #'s:** N/A

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	Infared gun		
3. Cooler media:	Ice (bag)		

Quality Control Preservatio	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☑
2. Trip Blank listed on COC:	☐		☐	☑
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☑		☐	☐

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments

Accutest Laboratories
V:508.481.6200

495 Technology Center West, Bldg One
F: 508.481.7753

Marlborough, MA
www/accutest.com

MC4194: Chain of Custody
Page 2 of 2

New England ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSL1932-MB	L57592.D	1	10/04/11	EK	n/a	n/a	MSL1932

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4194-1A, MC4194-2A

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.50	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.7	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.58	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.58	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.42	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.44	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.80	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.36	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.75	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.82	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	89%	70-130%
2037-26-5	Toluene-D8	90%	70-130%
460-00-4	4-Bromofluorobenzene	85%	70-130%

Method Blank Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSV101-MB	V2319.D	1	10/05/11	AMY	n/a	n/a	MSV101

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4194-1, MC4194-2

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	5.0	1.2	ug/kg	
71-43-2	Benzene	ND	0.50	0.13	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.21	ug/kg	
75-25-2	Bromoform	ND	2.0	0.47	ug/kg	
74-83-9	Bromomethane	ND	2.0	0.68	ug/kg	
78-93-3	2-Butanone (MEK)	ND	5.0	1.2	ug/kg	
75-15-0	Carbon disulfide	ND	5.0	0.97	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.22	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.094	ug/kg	
75-00-3	Chloroethane	ND	5.0	0.26	ug/kg	
67-66-3	Chloroform	ND	2.0	0.15	ug/kg	
74-87-3	Chloromethane	ND	5.0	0.22	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.65	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.0	0.15	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.0	0.15	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.0	0.32	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	0.27	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	0.25	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.23	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	1.0	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.68	ug/kg	
100-41-4	Ethylbenzene	ND	2.0	0.13	ug/kg	
591-78-6	2-Hexanone	ND	5.0	1.0	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	0.84	ug/kg	
75-09-2	Methylene chloride	ND	2.0	0.36	ug/kg	
100-42-5	Styrene	ND	5.0	0.50	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.18	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.17	ug/kg	
108-88-3	Toluene	ND	5.0	0.18	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.18	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.25	ug/kg	
79-01-6	Trichloroethene	ND	2.0	0.20	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.64	ug/kg	
1330-20-7	Xylene (total)	ND	2.0	0.13	ug/kg	

Method Blank Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSV101-MB	V2319.D	1	10/05/11	AMY	n/a	n/a	MSV101

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4194-1, MC4194-2

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	102%	70-130%
2037-26-5	Toluene-D8	97%	70-130%
460-00-4	4-Bromofluorobenzene	102%	70-130%

Leachate Blank Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GP13589-LB1	L57596.D	10	10/04/11	EK	10/03/11	GP13589	MSL1932

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4194-1A, MC4194-2A

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	4.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	50	27	ug/l	
56-23-5	Carbon tetrachloride	ND	20	5.8	ug/l	
108-90-7	Chlorobenzene	ND	20	4.4	ug/l	
67-66-3	Chloroform	ND	20	5.8	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	20	4.2	ug/l	
107-06-2	1,2-Dichloroethane	ND	20	4.4	ug/l	
75-35-4	1,1-Dichloroethene	ND	20	8.0	ug/l	
127-18-4	Tetrachloroethene	ND	20	3.6	ug/l	
79-01-6	Trichloroethene	ND	20	7.5	ug/l	
75-01-4	Vinyl chloride	ND	20	8.2	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	84%	70-130%
2037-26-5	Toluene-D8	91%	70-130%
460-00-4	4-Bromofluorobenzene	88%	70-130%

Blank Spike Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSL1932-BS	L57589.D	1	10/04/11	EK	n/a	n/a	MSL1932

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4194-1A, MC4194-2A

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	50	49.6	99	70-130
78-93-3	2-Butanone (MEK)	50	51.7	103	70-130
56-23-5	Carbon tetrachloride	50	53.5	107	70-130
108-90-7	Chlorobenzene	50	45.3	91	70-130
67-66-3	Chloroform	50	48.3	97	70-130
106-46-7	1,4-Dichlorobenzene	50	45.0	90	70-130
107-06-2	1,2-Dichloroethane	50	48.9	98	70-130
75-35-4	1,1-Dichloroethene	50	53.5	107	70-130
127-18-4	Tetrachloroethene	50	48.1	96	70-130
79-01-6	Trichloroethene	50	55.0	110	70-130
75-01-4	Vinyl chloride	50	39.4	79	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	87%	70-130%
2037-26-5	Toluene-D8	89%	70-130%
460-00-4	4-Bromofluorobenzene	87%	70-130%

Blank Spike Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSV101-BS	V2321.D	1	10/05/11	AMY	n/a	n/a	MSV101

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4194-1, MC4194-2

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	50	46.0	92	70-130
71-43-2	Benzene	50	58.1	116	70-130
75-27-4	Bromodichloromethane	50	53.4	107	70-130
75-25-2	Bromoform	50	57.1	114	70-130
74-83-9	Bromomethane	50	51.8	104	70-130
78-93-3	2-Butanone (MEK)	50	77.7	155* [a]	70-130
75-15-0	Carbon disulfide	50	55.2	110	70-130
56-23-5	Carbon tetrachloride	50	51.9	104	70-130
108-90-7	Chlorobenzene	50	51.5	103	70-130
75-00-3	Chloroethane	50	62.8	126	70-130
67-66-3	Chloroform	50	52.0	104	70-130
74-87-3	Chloromethane	50	57.7	115	70-130
124-48-1	Dibromochloromethane	50	55.3	111	70-130
75-34-3	1,1-Dichloroethane	50	58.3	117	70-130
107-06-2	1,2-Dichloroethane	50	59.4	119	70-130
75-35-4	1,1-Dichloroethene	50	58.6	117	70-130
156-59-2	cis-1,2-Dichloroethene	50	52.8	106	70-130
156-60-5	trans-1,2-Dichloroethene	50	55.2	110	70-130
78-87-5	1,2-Dichloropropane	50	52.5	105	70-130
10061-01-5	cis-1,3-Dichloropropene	50	57.0	114	70-130
10061-02-6	trans-1,3-Dichloropropene	50	64.0	128	70-130
100-41-4	Ethylbenzene	50	53.1	106	70-130
591-78-6	2-Hexanone	50	88.8	178* [a]	70-130
108-10-1	4-Methyl-2-pentanone (MIBK)	50	82.0	164* [a]	70-130
75-09-2	Methylene chloride	50	61.3	123	70-130
100-42-5	Styrene	50	59.8	120	70-130
79-34-5	1,1,2,2-Tetrachloroethane	50	66.5	133* [a]	70-130
127-18-4	Tetrachloroethene	50	51.1	102	70-130
108-88-3	Toluene	50	54.0	108	70-130
71-55-6	1,1,1-Trichloroethane	50	49.9	100	70-130
79-00-5	1,1,2-Trichloroethane	50	53.4	107	70-130
79-01-6	Trichloroethene	50	54.2	108	70-130
75-01-4	Vinyl chloride	50	49.7	99	70-130
1330-20-7	Xylene (total)	150	182	121	70-130

Blank Spike Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSV101-BS	V2321.D	1	10/05/11	AMY	n/a	n/a	MSV101

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4194-1, MC4194-2

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	103%	70-130%
2037-26-5	Toluene-D8	103%	70-130%
460-00-4	4-Bromofluorobenzene	107%	70-130%

(a) Outside control limits. Associated samples are non-detect for this compound.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC3931-8MS	L57611.D	5	10/04/11	EK	n/a	n/a	MSL1932
MC3931-8MSD	L57612.D	5	10/04/11	EK	n/a	n/a	MSL1932
MC3931-8	L57607.D	1	10/04/11	EK	n/a	n/a	MSL1932

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4194-1A, MC4194-2A

CAS No.	Compound	MC3931-8 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	16.1		250	276	104	268	101	3	70-130/30
78-93-3	2-Butanone (MEK)	ND		250	203	81	187	75	8	70-130/30
56-23-5	Carbon tetrachloride	ND		250	273	109	273	109	0	70-130/30
108-90-7	Chlorobenzene	ND		250	239	96	240	96	0	70-130/30
67-66-3	Chloroform	ND		250	259	104	249	100	4	70-130/30
106-46-7	1,4-Dichlorobenzene	ND		250	229	92	230	92	0	70-130/30
107-06-2	1,2-Dichloroethane	ND		250	262	105	255	102	3	70-130/30
75-35-4	1,1-Dichloroethene	ND		250	277	111	279	112	1	70-130/30
127-18-4	Tetrachloroethene	ND		250	249	100	247	99	1	70-130/30
79-01-6	Trichloroethene	ND		250	261	104	255	102	2	70-130/30
75-01-4	Vinyl chloride	ND		250	203	81	203	81	0	70-130/30

CAS No.	Surrogate Recoveries	MS	MSD	MC3931-8	Limits
1868-53-7	Dibromofluoromethane	90%	89%	88%	70-130%
2037-26-5	Toluene-D8	91%	90%	92%	70-130%
460-00-4	4-Bromofluorobenzene	89%	91%	91%	70-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC4079-11MS	V2335.D	1	10/05/11	AMY	n/a	n/a	MSV101
MC4079-11MSD	V2336.D	1	10/05/11	AMY	n/a	n/a	MSV101
MC4079-11	V2334.D	1	10/05/11	AMY	n/a	n/a	MSV101

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4194-1, MC4194-2

CAS No.	Compound	MC4079-11 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		57	86.6	152* [a]	87.5	155* [a]	1	70-130/30
71-43-2	Benzene	ND		57	61.1	107	65.6	116	7	70-130/30
75-27-4	Bromodichloromethane	ND		57	50.5	89	53.7	95	6	70-130/30
75-25-2	Bromoform	ND		57	39.6	70	45.5	81	14	70-130/30
74-83-9	Bromomethane	ND		57	62.2	109	67.6	120	8	70-130/30
78-93-3	2-Butanone (MEK)	ND		57	64.8	114	72.2	128	11	70-130/30
75-15-0	Carbon disulfide	ND		57	62.8	110	70.9	126	12	70-130/30
56-23-5	Carbon tetrachloride	ND		57	45.3	80	48.4	86	7	70-130/30
108-90-7	Chlorobenzene	ND		57	54.9	96	62.6	111	13	70-130/30
75-00-3	Chloroethane	ND		57	74.9	131* [b]	84.5	150* [b]	12	70-130/30
67-66-3	Chloroform	ND		57	60.5	106	66.8	118	10	70-130/30
74-87-3	Chloromethane	ND		57	69.6	122	77.6	137* [b]	11	70-130/30
124-48-1	Dibromochloromethane	ND		57	50.9	89	58.1	103	13	70-130/30
75-34-3	1,1-Dichloroethane	ND		57	69.3	122	77.5	137* [b]	11	70-130/30
107-06-2	1,2-Dichloroethane	ND		57	55.0	97	58.4	103	6	70-130/30
75-35-4	1,1-Dichloroethene	ND		57	69.4	122	77.0	136* [b]	10	70-130/30
156-59-2	cis-1,2-Dichloroethene	ND		57	61.5	108	68.2	121	10	70-130/30
156-60-5	trans-1,2-Dichloroethene	ND		57	65.2	114	72.9	129	11	70-130/30
78-87-5	1,2-Dichloropropane	ND		57	57.5	101	60.7	107	5	70-130/30
10061-01-5	cis-1,3-Dichloropropene	ND		57	53.6	94	57.0	101	6	70-130/30
10061-02-6	trans-1,3-Dichloropropene	ND		57	53.8	94	56.8	101	5	70-130/30
100-41-4	Ethylbenzene	ND		57	49.1	86	54.1	96	10	70-130/30
591-78-6	2-Hexanone	ND		57	77.1	135* [b]	80.0	142* [b]	4	70-130/30
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		57	60.6	106	64.8	115	7	70-130/30
75-09-2	Methylene chloride	ND		57	69.1	121	76.2	135* [a]	10	70-130/30
100-42-5	Styrene	ND		57	47.5	83	53.1	94	11	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	ND		57	96.1	169* [b]	122	216* [b]	24	70-130/30
127-18-4	Tetrachloroethene	ND		57	42.6	75	47.3	84	10	70-130/30
108-88-3	Toluene	ND		57	49.0	86	52.7	93	7	70-130/30
71-55-6	1,1,1-Trichloroethane	ND		57	55.0	97	61.4	109	11	70-130/30
79-00-5	1,1,2-Trichloroethane	ND		57	50.4	88	52.7	93	4	70-130/30
79-01-6	Trichloroethene	ND		57	51.2	90	54.7	97	7	70-130/30
75-01-4	Vinyl chloride	ND		57	60.0	105	67.4	119	12	70-130/30
1330-20-7	Xylene (total)	ND		171	143	84	157	93	9	70-130/30

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC4079-11MS	V2335.D	1	10/05/11	AMY	n/a	n/a	MSV101
MC4079-11MSD	V2336.D	1	10/05/11	AMY	n/a	n/a	MSV101
MC4079-11	V2334.D	1	10/05/11	AMY	n/a	n/a	MSV101

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4194-1, MC4194-2

CAS No.	Surrogate Recoveries	MS	MSD	MC4079-11	Limits
1868-53-7	Dibromofluoromethane	103%	105%	105%	70-130%
2037-26-5	Toluene-D8	90%	85%	84%	70-130%
460-00-4	4-Bromofluorobenzene	146%* c	147%* c	152%* c	70-130%

(a) Outside control limits due to possible matrix interference. Refer to Blank Spike.
(b) Outside control limits. Associated samples are non-detect for this compound.
(c) Outside control limits due to possible matrix interference. Confirmed by MS/MSD.

Leachate Spike Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GP13589-LS2	L57598.D	100	10/04/11	EK	10/03/11	GP13589	MSL1932
MC4188-1	L57597.D	100	10/04/11	EK	10/03/11	GP13589	MSL1932

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4194-1A, MC4194-2A

CAS No.	Compound	MC4188-1 ug/l	Q	Spike ug/l	LS ug/l	LS %	Limits
71-43-2	Benzene	ND		5000	5240	105	70-130
78-93-3	2-Butanone (MEK)	ND		5000	3950	79	70-130
56-23-5	Carbon tetrachloride	ND		5000	5440	109	70-130
108-90-7	Chlorobenzene	ND		5000	4900	98	70-130
67-66-3	Chloroform	ND		5000	5270	105	70-130
106-46-7	1,4-Dichlorobenzene	ND		5000	4740	95	70-130
107-06-2	1,2-Dichloroethane	ND		5000	5190	104	70-130
75-35-4	1,1-Dichloroethene	ND		5000	5700	114	70-130
127-18-4	Tetrachloroethene	ND		5000	5020	100	70-130
79-01-6	Trichloroethene	ND		5000	5200	104	70-130
75-01-4	Vinyl chloride	ND		5000	4360	87	70-130

CAS No.	Surrogate Recoveries	LS	MC4188-1	Limits
1868-53-7	Dibromofluoromethane	91%	90%	70-130%
2037-26-5	Toluene-D8	90%	90%	70-130%
460-00-4	4-Bromofluorobenzene	88%	87%	70-130%

Leachate Spike Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GP13589-LS1	L57603.D	100	10/04/11	EK	10/03/11	GP13589	MSL1932
MC4146-1 [a]	L57602.D	100	10/04/11	EK	10/03/11	GP13589	MSL1932

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4194-1A, MC4194-2A

CAS No.	Compound	MC4146-1 ug/l	Q	Spike ug/l	LS ug/l	LS %	Limits
71-43-2	Benzene	50 U		5000	5390	108	70-130
78-93-3	2-Butanone (MEK)	500 U		5000	4110	82	70-130
56-23-5	Carbon tetrachloride	100 U		5000	5560	111	70-130
108-90-7	Chlorobenzene	100 U		5000	4980	100	70-130
67-66-3	Chloroform	100 U		5000	5370	107	70-130
106-46-7	1,4-Dichlorobenzene	100 U		5000	4680	94	70-130
107-06-2	1,2-Dichloroethane	100 U		5000	5350	107	70-130
75-35-4	1,1-Dichloroethene	100 U		5000	5900	118	70-130
127-18-4	Tetrachloroethene	100 U		5000	5060	101	70-130
79-01-6	Trichloroethene	100 U		5000	5330	107	70-130
75-01-4	Vinyl chloride	100 U		5000	4320	86	70-130

CAS No.	Surrogate Recoveries	LS	MC4146-1	Limits
1868-53-7	Dibromofluoromethane	94%	93%	70-130%
2037-26-5	Toluene-D8	94%	91%	70-130%
460-00-4	4-Bromofluorobenzene	92%	87%	70-130%

(a) Analysis performed via SW846-8260C

Volatile Surrogate Recovery Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Method: SW846 8260B **Matrix:** LEACHATE

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3
MC4194-1A	L57599.D	92.0	92.0	88.0
MC4194-2A	L57600.D	91.0	91.0	90.0
GP13589-LB1	L57596.D	84.0	91.0	88.0
GP13589-LS1	L57603.D	94.0	94.0	92.0
GP13589-LS2	L57598.D	91.0	90.0	88.0
MC3931-8MS	L57611.D	90.0	91.0	89.0
MC3931-8MSD	L57612.D	89.0	90.0	91.0
MSL1932-BS	L57589.D	87.0	89.0	87.0
MSL1932-MB	L57592.D	89.0	90.0	85.0

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	70-130%
S2 = Toluene-D8	70-130%
S3 = 4-Bromofluorobenzene	70-130%

Volatile Surrogate Recovery Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Method: SW846 8260B **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3
MC4194-1	V2332.D	98.0	95.0	101.0
MC4194-2	V2333.D	97.0	95.0	101.0
MC4079-11MS	V2335.D	103.0	90.0	146.0* [a]
MC4079-11MSD	V2336.D	105.0	85.0	147.0* [a]
MSV101-BS	V2321.D	103.0	103.0	107.0
MSV101-MB	V2319.D	102.0	97.0	102.0

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	70-130%
S2 = Toluene-D8	70-130%
S3 = 4-Bromofluorobenzene	70-130%

(a) Outside control limits due to possible matrix interference. Confirmed by MS/MSD.

New England ACCUTEST LABORATORIES

GC/MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26473-MB	S27609.D	1	10/05/11	PR	10/03/11	OP26473	MSS1195

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4194-1A, MC4194-2A

CAS No.	Compound	Result	RL	MDL	Units	Q
95-48-7	2-Methylphenol	ND	10	0.60	ug/l	
	3&4-Methylphenol	ND	10	0.75	ug/l	
87-86-5	Pentachlorophenol	ND	10	0.64	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	10	0.49	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	10	0.35	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	0.21	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	10	2.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	0.50	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.33	ug/l	
67-72-1	Hexachloroethane	ND	5.0	2.0	ug/l	
98-95-3	Nitrobenzene	ND	5.0	0.24	ug/l	
110-86-1	Pyridine	ND	10	5.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	44%	15-110%
4165-62-2	Phenol-d5	30%	15-110%
118-79-6	2,4,6-Tribromophenol	79%	15-110%
4165-60-0	Nitrobenzene-d5	75%	30-130%
321-60-8	2-Fluorobiphenyl	73%	30-130%
1718-51-0	Terphenyl-d14	86%	30-130%

Method Blank Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26484-MB	S27649.D	1	10/06/11	PR	10/04/11	OP26484	MSS1197

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4194-1, MC4194-2

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	240	13	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	490	17	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	490	29	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	490	49	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	970	240	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	490	240	ug/kg	
95-48-7	2-Methylphenol	ND	490	14	ug/kg	
	3&4-Methylphenol	ND	490	26	ug/kg	
88-75-5	2-Nitrophenol	ND	490	29	ug/kg	
100-02-7	4-Nitrophenol	ND	970	240	ug/kg	
87-86-5	Pentachlorophenol	ND	490	45	ug/kg	
108-95-2	Phenol	ND	240	40	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	490	36	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	490	33	ug/kg	
83-32-9	Acenaphthene	ND	240	20	ug/kg	
208-96-8	Acenaphthylene	ND	240	18	ug/kg	
120-12-7	Anthracene	ND	240	19	ug/kg	
56-55-3	Benzo(a)anthracene	ND	240	8.9	ug/kg	
50-32-8	Benzo(a)pyrene	ND	240	15	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	240	28	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	240	16	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	240	7.2	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	240	20	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	240	10	ug/kg	
91-58-7	2-Chloronaphthalene	ND	240	20	ug/kg	
106-47-8	4-Chloroaniline	ND	490	120	ug/kg	
86-74-8	Carbazole	ND	240	19	ug/kg	
218-01-9	Chrysene	ND	240	7.9	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	240	19	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	240	5.2	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	240	23	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	240	22	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	240	20	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	240	20	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	240	20	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	490	120	ug/kg	

Method Blank Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26484-MB	S27649.D	1	10/06/11	PR	10/04/11	OP26484	MSS1197

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4194-1, MC4194-2

CAS No.	Compound	Result	RL	MDL	Units	Q
606-20-2	2,6-Dinitrotoluene	ND	490	23	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	240	5.8	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	240	16	ug/kg	
132-64-9	Dibenzofuran	ND	240	21	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	240	22	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	240	13	ug/kg	
84-66-2	Diethyl phthalate	ND	240	21	ug/kg	
131-11-3	Dimethyl phthalate	ND	240	17	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	240	17	ug/kg	
206-44-0	Fluoranthene	ND	240	8.3	ug/kg	
86-73-7	Fluorene	ND	240	5.3	ug/kg	
118-74-1	Hexachlorobenzene	ND	240	21	ug/kg	
87-68-3	Hexachlorobutadiene	ND	240	19	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	490	3.3	ug/kg	
67-72-1	Hexachloroethane	ND	240	20	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	240	15	ug/kg	
78-59-1	Isophorone	ND	240	24	ug/kg	
91-57-6	2-Methylnaphthalene	ND	240	20	ug/kg	
88-74-4	2-Nitroaniline	ND	490	120	ug/kg	
99-09-2	3-Nitroaniline	ND	490	120	ug/kg	
100-01-6	4-Nitroaniline	ND	490	18	ug/kg	
91-20-3	Naphthalene	ND	240	5.6	ug/kg	
98-95-3	Nitrobenzene	ND	240	7.2	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	240	15	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	240	13	ug/kg	
85-01-8	Phenanthrene	ND	240	6.3	ug/kg	
129-00-0	Pyrene	ND	240	7.8	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	240	21	ug/kg	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	72%	30-130%
4165-62-2	Phenol-d5	73%	30-130%
118-79-6	2,4,6-Tribromophenol	71%	30-130%
4165-60-0	Nitrobenzene-d5	69%	30-130%

Method Blank Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26484-MB	S27649.D	1	10/06/11	PR	10/04/11	OP26484	MSS1197

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4194-1, MC4194-2

CAS No.	Surrogate Recoveries		Limits
321-60-8	2-Fluorobiphenyl	73%	30-130%
1718-51-0	Terphenyl-d14	89%	30-130%

Leachate Blank Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26473-LB2	S27613.D	1	10/05/11	PR	10/03/11	OP26473	MSS1195

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4194-1A, MC4194-2A

CAS No.	Compound	Result	RL	MDL	Units	Q
95-48-7	2-Methylphenol	ND	100	6.0	ug/l	
	3&4-Methylphenol	ND	100	7.5	ug/l	
87-86-5	Pentachlorophenol	ND	100	6.4	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	100	4.9	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	100	3.5	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	50	2.1	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	100	20	ug/l	
118-74-1	Hexachlorobenzene	ND	50	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	50	3.3	ug/l	
67-72-1	Hexachloroethane	ND	50	20	ug/l	
98-95-3	Nitrobenzene	ND	50	2.4	ug/l	
110-86-1	Pyridine	ND	100	50	ug/l	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	81%	15-110%
4165-62-2	Phenol-d5	76%	15-110%
118-79-6	2,4,6-Tribromophenol	89%	15-110%
4165-60-0	Nitrobenzene-d5	87%	30-130%
321-60-8	2-Fluorobiphenyl	86%	30-130%
1718-51-0	Terphenyl-d14	88%	30-130%

Leachate Blank Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26473-LB	S27621.D	1	10/05/11	PR	10/03/11	OP26473	MSS1195

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4194-1A, MC4194-2A

CAS No.	Compound	Result	RL	MDL	Units	Q
95-48-7	2-Methylphenol	ND	100	6.0	ug/l	
	3&4-Methylphenol	ND	100	7.5	ug/l	
87-86-5	Pentachlorophenol	ND	100	6.4	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	100	4.9	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	100	3.5	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	50	2.1	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	100	20	ug/l	
118-74-1	Hexachlorobenzene	ND	50	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	50	3.3	ug/l	
67-72-1	Hexachloroethane	ND	50	20	ug/l	
98-95-3	Nitrobenzene	ND	50	2.4	ug/l	
110-86-1	Pyridine	ND	100	50	ug/l	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	80%	15-110%
4165-62-2	Phenol-d5	72%	15-110%
118-79-6	2,4,6-Tribromophenol	86%	15-110%
4165-60-0	Nitrobenzene-d5	83%	30-130%
321-60-8	2-Fluorobiphenyl	80%	30-130%
1718-51-0	Terphenyl-d14	87%	30-130%

Blank Spike Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26473-BS	S27612.D	1	10/05/11	PR	10/03/11	OP26473	MSS1195

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4194-1A, MC4194-2A

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
95-48-7	2-Methylphenol	100	68.8	69	30-130
	3&4-Methylphenol	200	124	62	30-130
87-86-5	Pentachlorophenol	100	94.3	94	30-130
95-95-4	2,4,5-Trichlorophenol	100	84.1	84	30-130
88-06-2	2,4,6-Trichlorophenol	100	82.1	82	30-130
106-46-7	1,4-Dichlorobenzene	50	33.4	67	40-140
121-14-2	2,4-Dinitrotoluene	50	44.6	89	40-140
118-74-1	Hexachlorobenzene	50	40.4	81	40-140
87-68-3	Hexachlorobutadiene	50	28.6	57	40-140
67-72-1	Hexachloroethane	50	29.7	59	40-140
98-95-3	Nitrobenzene	50	39.7	79	40-140
110-86-1	Pyridine	50	19.9	40	40-140

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	49%	15-110%
4165-62-2	Phenol-d5	34%	15-110%
118-79-6	2,4,6-Tribromophenol	82%	15-110%
4165-60-0	Nitrobenzene-d5	77%	30-130%
321-60-8	2-Fluorobiphenyl	74%	30-130%
1718-51-0	Terphenyl-d14	78%	30-130%

Blank Spike Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26484-BS	S27650.D	1	10/06/11	PR	10/04/11	OP26484	MSS1197

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4194-1, MC4194-2

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
95-57-8	2-Chlorophenol	4860	3290	68	30-130
59-50-7	4-Chloro-3-methyl phenol	4860	3550	73	30-130
120-83-2	2,4-Dichlorophenol	4860	3520	72	30-130
105-67-9	2,4-Dimethylphenol	4860	3190	66	30-130
51-28-5	2,4-Dinitrophenol	4860	2820	58	30-130
534-52-1	4,6-Dinitro-o-cresol	4860	3410	70	30-130
95-48-7	2-Methylphenol	4860	3370	69	30-130
	3&4-Methylphenol	9730	6800	70	30-130
88-75-5	2-Nitrophenol	4860	3440	71	30-130
100-02-7	4-Nitrophenol	4860	3600	74	30-130
87-86-5	Pentachlorophenol	4860	3960	81	30-130
108-95-2	Phenol	4860	3150	65	30-130
95-95-4	2,4,5-Trichlorophenol	4860	3550	73	30-130
88-06-2	2,4,6-Trichlorophenol	4860	3470	71	30-130
83-32-9	Acenaphthene	2430	1740	72	40-140
208-96-8	Acenaphthylene	2430	1350	56	40-140
120-12-7	Anthracene	2430	1810	74	40-140
56-55-3	Benzo(a)anthracene	2430	2170	89	40-140
50-32-8	Benzo(a)pyrene	2430	1690	69	40-140
205-99-2	Benzo(b)fluoranthene	2430	2080	86	40-140
191-24-2	Benzo(g,h,i)perylene	2430	1820	75	40-140
207-08-9	Benzo(k)fluoranthene	2430	2010	83	40-140
101-55-3	4-Bromophenyl phenyl ether	2430	1900	78	40-140
85-68-7	Butyl benzyl phthalate	2430	2010	83	40-140
91-58-7	2-Chloronaphthalene	2430	1770	73	40-140
106-47-8	4-Chloroaniline	2430	1330	55	40-140
86-74-8	Carbazole	2430	1910	79	40-140
218-01-9	Chrysene	2430	1910	79	40-140
111-91-1	bis(2-Chloroethoxy)methane	2430	1670	69	40-140
111-44-4	bis(2-Chloroethyl)ether	2430	1580	65	40-140
108-60-1	bis(2-Chloroisopropyl)ether	2430	1710	70	40-140
7005-72-3	4-Chlorophenyl phenyl ether	2430	1810	74	40-140
95-50-1	1,2-Dichlorobenzene	2430	1580	65	40-140
541-73-1	1,3-Dichlorobenzene	2430	1520	63	40-140
106-46-7	1,4-Dichlorobenzene	2430	1550	64	40-140
121-14-2	2,4-Dinitrotoluene	2430	1850	76	40-140

Blank Spike Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26484-BS	S27650.D	1	10/06/11	PR	10/04/11	OP26484	MSS1197

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4194-1, MC4194-2

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
606-20-2	2,6-Dinitrotoluene	2430	1730	71	40-140
91-94-1	3,3'-Dichlorobenzidine	2430	1530	63	40-140
53-70-3	Dibenzo(a,h)anthracene	2430	1850	76	40-140
132-64-9	Dibenzofuran	2430	1690	69	40-140
84-74-2	Di-n-butyl phthalate	2430	1980	81	40-140
117-84-0	Di-n-octyl phthalate	2430	2190	90	40-140
84-66-2	Diethyl phthalate	2430	1960	81	40-140
131-11-3	Dimethyl phthalate	2430	1890	78	40-140
117-81-7	bis(2-Ethylhexyl)phthalate	2430	2120	87	40-140
206-44-0	Fluoranthene	2430	1910	79	40-140
86-73-7	Fluorene	2430	1770	73	40-140
118-74-1	Hexachlorobenzene	2430	1810	74	40-140
87-68-3	Hexachlorobutadiene	2430	1610	66	40-140
77-47-4	Hexachlorocyclopentadiene	2430	1420	58	40-140
67-72-1	Hexachloroethane	2430	1480	61	40-140
193-39-5	Indeno(1,2,3-cd)pyrene	2430	1910	79	40-140
78-59-1	Isophorone	2430	1310	54	40-140
91-57-6	2-Methylnaphthalene	2430	1670	69	40-140
88-74-4	2-Nitroaniline	2430	1770	73	40-140
99-09-2	3-Nitroaniline	2430	1540	63	40-140
100-01-6	4-Nitroaniline	2430	1630	67	40-140
91-20-3	Naphthalene	2430	1690	69	40-140
98-95-3	Nitrobenzene	2430	1620	67	40-140
621-64-7	N-Nitroso-di-n-propylamine	2430	1860	76	40-140
86-30-6	N-Nitrosodiphenylamine	2430	1890	78	40-140
85-01-8	Phenanthrene	2430	1830	75	40-140
129-00-0	Pyrene	2430	1900	78	40-140
120-82-1	1,2,4-Trichlorobenzene	2430	1670	69	40-140

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	65%	30-130%
4165-62-2	Phenol-d5	67%	30-130%
118-79-6	2,4,6-Tribromophenol	76%	30-130%
4165-60-0	Nitrobenzene-d5	65%	30-130%

Blank Spike Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26484-BS	S27650.D	1	10/06/11	PR	10/04/11	OP26484	MSS1197

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4194-1, MC4194-2

CAS No.	Surrogate Recoveries	BSP	Limits
321-60-8	2-Fluorobiphenyl	69%	30-130%
1718-51-0	Terphenyl-d14	79%	30-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26473-MS	S27617.D	1	10/05/11	PR	10/03/11	OP26473	MSS1195
OP26473-MSD	S27618.D	1	10/05/11	PR	10/03/11	OP26473	MSS1195
MC4051-1A	S27619.D	1	10/05/11	PR	10/03/11	OP26473	MSS1195

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4194-1A, MC4194-2A

CAS No.	Compound	MC4051-1A ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
95-48-7	2-Methylphenol	ND		1000	908	91	894	89	2	30-130/20
	3&4-Methylphenol	ND		2000	1810	91	1790	90	1	30-130/20
87-86-5	Pentachlorophenol	ND		1000	1070	107	1030	103	4	30-130/20
95-95-4	2,4,5-Trichlorophenol	ND		1000	939	94	937	94	0	30-130/20
88-06-2	2,4,6-Trichlorophenol	ND		1000	919	92	914	91	1	30-130/20
106-46-7	1,4-Dichlorobenzene	ND		500	355	71	344	69	3	40-140/20
121-14-2	2,4-Dinitrotoluene	ND		500	481	96	483	97	0	40-140/20
118-74-1	Hexachlorobenzene	ND		500	439	88	429	86	2	40-140/20
87-68-3	Hexachlorobutadiene	ND		500	341	68	321	64	6	40-140/20
67-72-1	Hexachloroethane	ND		500	331	66	313	63	6	40-140/20
98-95-3	Nitrobenzene	ND		500	444	89	441	88	1	40-140/20
110-86-1	Pyridine	ND		500	309	62	328	66	6	40-140/20

CAS No.	Surrogate Recoveries	MS	MSD	MC4051-1A	Limits
367-12-4	2-Fluorophenol	82%	82%	72%	15-110%
4165-62-2	Phenol-d5	77%	77%	67%	15-110%
118-79-6	2,4,6-Tribromophenol	90%	86%	81%	15-110%
4165-60-0	Nitrobenzene-d5	86%	84%	76%	30-130%
321-60-8	2-Fluorobiphenyl	79%	80%	72%	30-130%
1718-51-0	Terphenyl-d14	87%	84%	82%	30-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26484-MS	S27651.D	1	10/06/11	PR	10/04/11	OP26484	MSS1197
OP26484-MSD	S27652.D	1	10/06/11	PR	10/04/11	OP26484	MSS1197
MC3901-63	S27666.D	1	10/07/11	PR	10/04/11	OP26484	MSS1197

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4194-1, MC4194-2

CAS No.	Compound	MC3901-63 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
95-57-8	2-Chlorophenol	ND		5720	3100	54	2940	51	5	30-130/30
59-50-7	4-Chloro-3-methyl phenol	ND		5720	3950	69	3980	69	1	30-130/30
120-83-2	2,4-Dichlorophenol	ND		5720	3700	65	3530	61	5	30-130/30
105-67-9	2,4-Dimethylphenol	ND		5720	3530	62	3410	59	3	30-130/30
51-28-5	2,4-Dinitrophenol	ND		5720	4060	71	3670	64	10	30-130/30
534-52-1	4,6-Dinitro-o-cresol	ND		5720	4300	75	4030	70	6	30-130/30
95-48-7	2-Methylphenol	ND		5720	3290	58	3100	54	6	30-130/30
	3&4-Methylphenol	ND		11400	6550	57	6490	56	1	30-130/30
88-75-5	2-Nitrophenol	ND		5720	3510	61	3190	55	10	30-130/30
100-02-7	4-Nitrophenol	ND		5720	3950	69	4010	70	2	30-130/30
87-86-5	Pentachlorophenol	ND		5720	4650	81	4550	79	2	30-130/30
108-95-2	Phenol	ND		5720	2960	52	2880	50	3	30-130/30
95-95-4	2,4,5-Trichlorophenol	ND		5720	3910	68	4060	70	4	30-130/30
88-06-2	2,4,6-Trichlorophenol	ND		5720	3930	69	3910	68	1	30-130/30
83-32-9	Acenaphthene	ND		2860	1870	65	1880	65	1	40-140/30
208-96-8	Acenaphthylene	ND		2860	1440	50	1450	50	1	40-140/30
120-12-7	Anthracene	ND		2860	1950	68	2020	70	4	40-140/30
56-55-3	Benzo(a)anthracene	ND		2860	2410	84	2460	85	2	40-140/30
50-32-8	Benzo(a)pyrene	ND		2860	1860	65	1900	66	2	40-140/30
205-99-2	Benzo(b)fluoranthene	ND		2860	2070	72	2130	74	3	40-140/30
191-24-2	Benzo(g,h,i)perylene	27.3	J	2860	2360	82	2530	87	7	40-140/30
207-08-9	Benzo(k)fluoranthene	ND		2860	2230	78	2240	78	0	40-140/30
101-55-3	4-Bromophenyl phenyl ether	ND		2860	2110	74	2180	76	3	40-140/30
85-68-7	Butyl benzyl phthalate	ND		2860	2320	81	2290	79	1	40-140/30
91-58-7	2-Chloronaphthalene	ND		2860	1890	66	1850	64	2	40-140/30
106-47-8	4-Chloroaniline	ND		2860	1380	48	1330	46	4	40-140/30
86-74-8	Carbazole	ND		2860	2060	72	2150	75	4	40-140/30
218-01-9	Chrysene	ND		2860	2120	74	2090	72	1	40-140/30
111-91-1	bis(2-Chloroethoxy)methane	ND		2860	1690	59	1600	55	5	40-140/30
111-44-4	bis(2-Chloroethyl)ether	ND		2860	1550	54	1480	51	5	40-140/30
108-60-1	bis(2-Chloroisopropyl)ether	ND		2860	1610	56	1520	53	6	40-140/30
7005-72-3	4-Chlorophenyl phenyl ether	ND		2860	1960	69	2020	70	3	40-140/30
95-50-1	1,2-Dichlorobenzene	ND		2860	1510	53	1400	49	8	40-140/30
541-73-1	1,3-Dichlorobenzene	ND		2860	1450	51	1350	47	7	40-140/30
106-46-7	1,4-Dichlorobenzene	ND		2860	1480	52	1360	47	8	40-140/30
121-14-2	2,4-Dinitrotoluene	ND		2860	2030	71	2120	73	4	40-140/30

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26484-MS	S27651.D	1	10/06/11	PR	10/04/11	OP26484	MSS1197
OP26484-MSD	S27652.D	1	10/06/11	PR	10/04/11	OP26484	MSS1197
MC3901-63	S27666.D	1	10/07/11	PR	10/04/11	OP26484	MSS1197

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4194-1, MC4194-2

CAS No.	Compound	MC3901-63 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
606-20-2	2,6-Dinitrotoluene	ND		2860	1920	67	1940	67	1	40-140/30
91-94-1	3,3'-Dichlorobenzidine	ND		2860	1480	52	1420	49	4	40-140/30
53-70-3	Dibenzo(a,h)anthracene	ND		2860	2210	77	2390	83	8	40-140/30
132-64-9	Dibenzofuran	ND		2860	1820	64	1840	64	1	40-140/30
84-74-2	Di-n-butyl phthalate	ND		2860	2140	75	2270	79	6	40-140/30
117-84-0	Di-n-octyl phthalate	ND		2860	2370	83	2400	83	1	40-140/30
84-66-2	Diethyl phthalate	ND		2860	2150	75	2210	77	3	40-140/30
131-11-3	Dimethyl phthalate	ND		2860	2100	73	2130	74	1	40-140/30
117-81-7	bis(2-Ethylhexyl)phthalate	ND		2860	2460	86	2440	85	1	40-140/30
206-44-0	Fluoranthene	ND		2860	1970	69	2090	72	6	40-140/30
86-73-7	Fluorene	ND		2860	1900	66	1920	67	1	40-140/30
118-74-1	Hexachlorobenzene	ND		2860	2010	70	2050	71	2	40-140/30
87-68-3	Hexachlorobutadiene	ND		2860	1650	58	1490	52	10	40-140/30
77-47-4	Hexachlorocyclopentadiene	ND		2860	1320	46	1250	43	5	40-140/30
67-72-1	Hexachloroethane	ND		2860	1420	50	1300	45	9	40-140/30
193-39-5	Indeno(1,2,3-cd)pyrene	19.5	J	2860	2350	81	2440	84	4	40-140/30
78-59-1	Isophorone	ND		2860	1330	46	1270	44	5	40-140/30
91-57-6	2-Methylnaphthalene	ND		2860	1670	58	1580	55	6	40-140/30
88-74-4	2-Nitroaniline	ND		2860	1970	69	2060	71	4	40-140/30
99-09-2	3-Nitroaniline	ND		2860	1760	62	1880	65	7	40-140/30
100-01-6	4-Nitroaniline	ND		2860	1690	59	1900	66	12	40-140/30
91-20-3	Naphthalene	ND		2860	1710	60	1610	56	6	40-140/30
98-95-3	Nitrobenzene	ND		2860	1620	57	1520	53	6	40-140/30
621-64-7	N-Nitroso-di-n-propylamine	ND		2860	1770	62	1680	58	5	40-140/30
86-30-6	N-Nitrosodiphenylamine	ND		2860	2120	74	2210	77	4	40-140/30
85-01-8	Phenanthrene	ND		2860	2030	71	2100	73	3	40-140/30
129-00-0	Pyrene	ND		2860	2170	76	2140	74	1	40-140/30
120-82-1	1,2,4-Trichlorobenzene	ND		2860	1710	60	1590	55	7	40-140/30

CAS No.	Surrogate Recoveries	MS	MSD	MC3901-63	Limits
367-12-4	2-Fluorophenol	53%	51%		30-130%
4165-62-2	Phenol-d5	54%	52%		30-130%
118-79-6	2,4,6-Tribromophenol	72%	75%		30-130%
4165-60-0	Nitrobenzene-d5	56%	51%	31%	30-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26484-MS	S27651.D	1	10/06/11	PR	10/04/11	OP26484	MSS1197
OP26484-MSD	S27652.D	1	10/06/11	PR	10/04/11	OP26484	MSS1197
MC3901-63	S27666.D	1	10/07/11	PR	10/04/11	OP26484	MSS1197

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4194-1, MC4194-2

CAS No.	Surrogate Recoveries	MS	MSD	MC3901-63	Limits
321-60-8	2-Fluorobiphenyl	62%	60%	45%	30-130%
1718-51-0	Terphenyl-d14	78%	78%	70%	30-130%

Semivolatile Surrogate Recovery Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Method: SW846 8270C **Matrix:** LEACHATE

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4	S5	S6
MC4194-1A	S27622.D	82.0	75.0	92.0	87.0	88.0	92.0
MC4194-2A	S27623.D	79.0	73.0	85.0	82.0	82.0	85.0
OP26473-BS	S27612.D	49.0	34.0	82.0	77.0	74.0	78.0
OP26473-LB	S27621.D	80.0	72.0	86.0	83.0	80.0	87.0
OP26473-LB2	S27613.D	81.0	76.0	89.0	87.0	86.0	88.0
OP26473-MB	S27609.D	44.0	30.0	79.0	75.0	73.0	86.0
OP26473-MS	S27617.D	82.0	77.0	90.0	86.0	79.0	87.0
OP26473-MSD	S27618.D	82.0	77.0	86.0	84.0	80.0	84.0

Surrogate Compounds	Recovery Limits
S1 = 2-Fluorophenol	15-110%
S2 = Phenol-d5	15-110%
S3 = 2,4,6-Tribromophenol	15-110%
S4 = Nitrobenzene-d5	30-130%
S5 = 2-Fluorobiphenyl	30-130%
S6 = Terphenyl-d14	30-130%

Semivolatile Surrogate Recovery Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Method: SW846 8270C **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4	S5	S6
MC4194-1	S27654.D	54.0	55.0	61.0	53.0	58.0	76.0
MC4194-2	S27703A.D	21.0* [a]	100.0	32.0	120.0	140.0* [a]	165.0* [a]
MC4194-2	S27655.D	19.0* [a]	98.0	40.0	122.0	140.0* [a]	187.0* [a]
OP26484-BS	S27650.D	65.0	67.0	76.0	65.0	69.0	79.0
OP26484-MB	S27649.D	72.0	73.0	71.0	69.0	73.0	89.0
OP26484-MS	S27651.D	53.0	54.0	72.0	56.0	62.0	78.0
OP26484-MSD	S27652.D	51.0	52.0	75.0	51.0	60.0	78.0

Surrogate Compounds	Recovery Limits
S1 = 2-Fluorophenol	30-130%
S2 = Phenol-d5	30-130%
S3 = 2,4,6-Tribromophenol	30-130%
S4 = Nitrobenzene-d5	30-130%
S5 = 2-Fluorobiphenyl	30-130%
S6 = Terphenyl-d14	30-130%

(a) Outside control limits due to possible matrix interference. Confirmed by reanalysis.

New England ACCUTEST LABORATORIES

GC Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GBH1341-MB	BH24389.D	1	10/06/11	WS	n/a	n/a	GBH1341

The QC reported here applies to the following samples: **Method:** SW846 8015

MC4194-1, MC4194-2

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (VOA)	ND	5.0	0.95	mg/kg	

CAS No.	Surrogate Recoveries		Limits
615-59-8	2,5-Dibromotoluene	86%	36-148%

Blank Spike Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GBH1341-BSP	BH24390.D	1	10/06/11	WS	n/a	n/a	GBH1341

The QC reported here applies to the following samples: **Method:** SW846 8015

MC4194-1, MC4194-2

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-GRO (VOA)	20	21.5	108	67-133

CAS No.	Surrogate Recoveries	BSP	Limits
615-59-8	2,5-Dibromotoluene	86%	36-148%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC4194-1MS	BH24398.D	1	10/06/11	WS	n/a	n/a	GBH1341
MC4194-1MSD	BH24399.D	1	10/06/11	WS	n/a	n/a	GBH1341
MC4194-1	BH24397.D	1	10/06/11	WS	n/a	n/a	GBH1341

The QC reported here applies to the following samples: **Method:** SW846 8015

MC4194-1, MC4194-2

CAS No.	Compound	MC4194-1 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (VOA)	8.9	U	35.7	34.0	95	32.8	92	4	40-154/20

CAS No.	Surrogate Recoveries	MS	MSD	MC4194-1	Limits
615-59-8	2,5-Dibromotoluene	86%	88%	86%	36-148%

7.3.1

7

Volatile Surrogate Recovery Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Method: SW846 8015 **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]
MC4194-1	BH24397.D	86.0
MC4194-2	BH24400.D	88.0
GBH1341-BSP	BH24390.D	86.0
GBH1341-MB	BH24389.D	86.0
MC4194-1MS	BH24398.D	86.0
MC4194-1MSD	BH24399.D	88.0

Surrogate Compounds	Recovery Limits
S1 = 2,5-Dibromotoluene	36-148%

(a) Recovery from GC signal #1

New England ACCUTEST LABORATORIES

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26470-MB	BE27795.D	1	10/05/11	AP	10/03/11	OP26470	GBE1549

The QC reported here applies to the following samples: **Method:** SW846 8151

MC4194-1A, MC4194-2A

CAS No.	Compound	Result	RL	MDL	Units	Q
94-75-7	2,4-D	ND	1.0	0.14	ug/l	
93-72-1	2,4,5-TP (Silvex)	ND	1.0	0.062	ug/l	

CAS No.	Surrogate Recoveries		Limits
19719-28-9	2,4-DCAA	91%	30-150%
19719-28-9	2,4-DCAA	103%	30-150%

Method Blank Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26469-MB	BB38614.D	1	10/05/11	CZ	10/03/11	OP26469	GBB2413

The QC reported here applies to the following samples: **Method:** SW846 8081

MC4194-1A, MC4194-2A

CAS No.	Compound	Result	RL	MDL	Units	Q
58-89-9	gamma-BHC (Lindane)	ND	0.050	0.013	ug/l	
12789-03-6	Chlordane	ND	0.50	0.24	ug/l	
72-20-8	Endrin	ND	0.050	0.017	ug/l	
76-44-8	Heptachlor	ND	0.050	0.017	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.050	0.0094	ug/l	
72-43-5	Methoxychlor	ND	0.050	0.020	ug/l	
8001-35-2	Toxaphene	ND	2.5	0.15	ug/l	

CAS No.	Surrogate Recoveries		Limits
877-09-8	Tetrachloro-m-xylene	72%	30-150%
877-09-8	Tetrachloro-m-xylene	64%	30-150%
2051-24-3	Decachlorobiphenyl	40%	30-150%
2051-24-3	Decachlorobiphenyl	32%	30-150%

Method Blank Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26486-MB	YZ68228.D	1	10/05/11	CZ	10/04/11	OP26486	GYZ6527

The QC reported here applies to the following samples: **Method:** SW846 8082

MC4194-1, MC4194-2

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	98	13	ug/kg	
11104-28-2	Aroclor 1221	ND	98	14	ug/kg	
11141-16-5	Aroclor 1232	ND	98	19	ug/kg	
53469-21-9	Aroclor 1242	ND	98	6.6	ug/kg	
12672-29-6	Aroclor 1248	ND	98	2.5	ug/kg	
11097-69-1	Aroclor 1254	ND	98	15	ug/kg	
11096-82-5	Aroclor 1260	ND	98	3.7	ug/kg	

CAS No.	Surrogate Recoveries		Limits
877-09-8	Tetrachloro-m-xylene	91%	30-150%
877-09-8	Tetrachloro-m-xylene	90%	30-150%
2051-24-3	Decachlorobiphenyl	88%	30-150%
2051-24-3	Decachlorobiphenyl	86%	30-150%

Method Blank Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26496-MB	BC54836.D	1	10/07/11	SS	10/05/11	OP26496	GBC2619

The QC reported here applies to the following samples: **Method:** SW846-8015

MC4194-1, MC4194-2

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (Semi-VOA)	ND	17	13	mg/kg	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	91%	40-140%

Leachate Blank Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26470-LB	YZ68269.D	1	10/06/11	CZ	10/03/11	OP26470	GYZ6530

The QC reported here applies to the following samples: **Method:** SW846 8151

MC4194-1A, MC4194-2A

CAS No.	Compound	Result	RL	MDL	Units	Q
94-75-7	2,4-D	ND	10	1.4	ug/l	
93-72-1	2,4,5-TP (Silvex)	ND	10	0.62	ug/l	

CAS No.	Surrogate Recoveries		Limits
19719-28-9	2,4-DCAA	95%	30-150%
19719-28-9	2,4-DCAA	97%	30-150%

Leachate Blank Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26470-LB2	YZ68272.D	1	10/06/11	CZ	10/03/11	OP26470	GYZ6530

The QC reported here applies to the following samples: **Method:** SW846 8151

MC4194-1A, MC4194-2A

CAS No.	Compound	Result	RL	MDL	Units	Q
94-75-7	2,4-D	ND	10	1.4	ug/l	
93-72-1	2,4,5-TP (Silvex)	ND	10	0.62	ug/l	

CAS No.	Surrogate Recoveries		Limits
19719-28-9	2,4-DCAA	99%	30-150%
19719-28-9	2,4-DCAA	100%	30-150%

Leachate Blank Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26469-LB	BB38629.D	1	10/05/11	CZ	10/03/11	OP26469	GBB2413

The QC reported here applies to the following samples: **Method:** SW846 8081

MC4194-1A, MC4194-2A

CAS No.	Compound	Result	RL	MDL	Units	Q
58-89-9	gamma-BHC (Lindane)	ND	0.50	0.13	ug/l	
12789-03-6	Chlordane	ND	5.0	2.4	ug/l	
72-20-8	Endrin	ND	0.50	0.17	ug/l	
76-44-8	Heptachlor	ND	0.50	0.17	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.50	0.094	ug/l	
72-43-5	Methoxychlor	ND	0.50	0.20	ug/l	
8001-35-2	Toxaphene	ND	25	1.5	ug/l	

CAS No.	Surrogate Recoveries		Limits
877-09-8	Tetrachloro-m-xylene	73%	30-150%
877-09-8	Tetrachloro-m-xylene	63%	30-150%
2051-24-3	Decachlorobiphenyl	91%	30-150%
2051-24-3	Decachlorobiphenyl	81%	30-150%

Leachate Blank Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26469-LB2	BB38630.D	1	10/05/11	CZ	10/03/11	OP26469	GBB2413

The QC reported here applies to the following samples: **Method:** SW846 8081

MC4194-1A, MC4194-2A

CAS No.	Compound	Result	RL	MDL	Units	Q
58-89-9	gamma-BHC (Lindane)	ND	0.50	0.13	ug/l	
12789-03-6	Chlordane	ND	5.0	2.4	ug/l	
72-20-8	Endrin	ND	0.50	0.17	ug/l	
76-44-8	Heptachlor	ND	0.50	0.17	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.50	0.094	ug/l	
72-43-5	Methoxychlor	ND	0.50	0.20	ug/l	
8001-35-2	Toxaphene	ND	25	1.5	ug/l	

CAS No.	Surrogate Recoveries		Limits
877-09-8	Tetrachloro-m-xylene	69%	30-150%
877-09-8	Tetrachloro-m-xylene	65%	30-150%
2051-24-3	Decachlorobiphenyl	76%	30-150%
2051-24-3	Decachlorobiphenyl	69%	30-150%

Blank Spike Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26470-BS	BE27796.D	1	10/05/11	AP	10/03/11	OP26470	GBE1549

The QC reported here applies to the following samples: **Method:** SW846 8151

MC4194-1A, MC4194-2A

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
94-75-7	2,4-D	1	0.99	99	40-140
93-72-1	2,4,5-TP (Silvex)	1	1.1	110	40-140

CAS No.	Surrogate Recoveries	BSP	Limits
19719-28-9	2,4-DCAA	104%	30-150%
19719-28-9	2,4-DCAA	115%	30-150%

Blank Spike Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26469-BS	BB38615.D	1	10/05/11	CZ	10/03/11	OP26469	GBB2413

The QC reported here applies to the following samples: **Method:** SW846 8081

MC4194-1A, MC4194-2A

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
58-89-9	gamma-BHC (Lindane)	0.2	0.24	120	40-140
72-20-8	Endrin	0.2	0.27	135	40-140
76-44-8	Heptachlor	0.2	0.23	115	40-140
1024-57-3	Heptachlor epoxide	0.2	0.24	120	40-140
72-43-5	Methoxychlor	0.2	0.27	135	40-140

CAS No.	Surrogate Recoveries	BSP	Limits
877-09-8	Tetrachloro-m-xylene	71%	30-150%
877-09-8	Tetrachloro-m-xylene	71%	30-150%
2051-24-3	Decachlorobiphenyl	38%	30-150%
2051-24-3	Decachlorobiphenyl	32%	30-150%

Blank Spike Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26486-BS	YZ68229.D	1	10/05/11	CZ	10/04/11	OP26486	GYZ6527

The QC reported here applies to the following samples: **Method:** SW846 8082

MC4194-1, MC4194-2

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
12674-11-2	Aroclor 1016	266	237	89	40-140
11104-28-2	Aroclor 1221		ND		40-140
11141-16-5	Aroclor 1232		ND		40-140
53469-21-9	Aroclor 1242		ND		40-140
12672-29-6	Aroclor 1248		ND		40-140
11097-69-1	Aroclor 1254		ND		40-140
11096-82-5	Aroclor 1260	266	236	89	40-140

CAS No.	Surrogate Recoveries	BSP	Limits
877-09-8	Tetrachloro-m-xylene	85%	30-150%
877-09-8	Tetrachloro-m-xylene	82%	30-150%
2051-24-3	Decachlorobiphenyl	82%	30-150%
2051-24-3	Decachlorobiphenyl	81%	30-150%

Blank Spike Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26496-BS	BC54837.D	1	10/07/11	SS	10/05/11	OP26496	GBC2619

The QC reported here applies to the following samples: **Method:** SW846-8015

MC4194-1, MC4194-2

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-DRO (Semi-VOA)	166	158	95	45-127

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	113%	40-140%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26470-MS	BE27799.D	1	10/05/11	AP	10/03/11	OP26470	GBE1549
OP26470-MSD	BE27800.D	1	10/05/11	AP	10/03/11	OP26470	GBE1549
MC4051-1A	BE27801.D	1	10/05/11	AP	10/03/11	OP26470	GBE1549

The QC reported here applies to the following samples: **Method:** SW846 8151

MC4194-1A, MC4194-2A

CAS No.	Compound	MC4051-1A ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
94-75-7	2,4-D	ND		10	10.4	104	9.9	99	5	30-150/30
93-72-1	2,4,5-TP (Silvex)	ND		10	11.5	115	11.7	117	2	30-150/30

CAS No.	Surrogate Recoveries	MS	MSD	MC4051-1A	Limits
19719-28-9	2,4-DCAA	115%	116%	119%	30-150%
19719-28-9	2,4-DCAA	112%	105%	110%	30-150%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26469-MS	BB38620.D	1	10/05/11	CZ	10/03/11	OP26469	GBB2413
OP26469-MSD	BB38621.D	1	10/05/11	CZ	10/03/11	OP26469	GBB2413
MC4051-1A	BB38622.D	1	10/05/11	CZ	10/03/11	OP26469	GBB2413

The QC reported here applies to the following samples: **Method:** SW846 8081

MC4194-1A, MC4194-2A

CAS No.	Compound	MC4051-1A ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
58-89-9	gamma-BHC (Lindane)	ND		2	2.5	125	2.6	130	4	30-150/30
72-20-8	Endrin	ND		2	2.9	145	3.0	150	3	30-150/30
76-44-8	Heptachlor	ND		2	2.3	115	2.4	120	4	30-150/30
1024-57-3	Heptachlor epoxide	ND		2	2.5	125	2.5	125	0	30-150/30
72-43-5	Methoxychlor	ND		2	3.1	155* [a]	2.9	145	7	30-150/30

CAS No.	Surrogate Recoveries	MS	MSD	MC4051-1A	Limits
877-09-8	Tetrachloro-m-xylene	74%	75%	63%	30-150%
877-09-8	Tetrachloro-m-xylene	70%	62%	57%	30-150%
2051-24-3	Decachlorobiphenyl	67%	62%	60%	30-150%
2051-24-3	Decachlorobiphenyl	43%	53%	52%	30-150%

(a) Outside control limits due to possible matrix interference.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26486-MS	YZ68230.D	1	10/05/11	CZ	10/04/11	OP26486	GYZ6527
OP26486-MSD	YZ68231.D	1	10/05/11	CZ	10/04/11	OP26486	GYZ6527
MC4117-10	YZ68232.D	1	10/05/11	CZ	10/04/11	OP26486	GYZ6527

The QC reported here applies to the following samples: **Method:** SW846 8082

MC4194-1, MC4194-2

CAS No.	Compound	MC4117-10 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
12674-11-2	Aroclor 1016	ND		281	187	67	179	67	4	40-140/50
11104-28-2	Aroclor 1221	ND			ND		ND		nc	40-140/50
11141-16-5	Aroclor 1232	ND			ND		ND		nc	40-140/50
53469-21-9	Aroclor 1242	ND			ND		ND		nc	40-140/50
12672-29-6	Aroclor 1248	ND			ND		ND		nc	40-140/50
11097-69-1	Aroclor 1254	ND			ND		ND		nc	40-140/50
11096-82-5	Aroclor 1260	20.6		281	278	92	269	93	3	40-140/50

CAS No.	Surrogate Recoveries	MS	MSD	MC4117-10	Limits
877-09-8	Tetrachloro-m-xylene	69%	72%	69%	30-150%
877-09-8	Tetrachloro-m-xylene	75%	74%	74%	30-150%
2051-24-3	Decachlorobiphenyl	89%	89%	88%	30-150%
2051-24-3	Decachlorobiphenyl	83%	84%	82%	30-150%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26496-MS	BC54838.D	1	10/07/11	SS	10/05/11	OP26496	GBC2619
OP26496-MSD	BC54839.D	1	10/07/11	SS	10/05/11	OP26496	GBC2619
MC3948-1	BC54841.D	1	10/07/11	SS	10/05/11	OP26496	GBC2619

The QC reported here applies to the following samples: **Method:** SW846-8015

MC4194-1, MC4194-2

CAS No.	Compound	MC3948-1 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-DRO (Semi-VOA)	22.7		196	181	81	196	89	8	30-154/50

CAS No.	Surrogate Recoveries	MS	MSD	MC3948-1	Limits
84-15-1	o-Terphenyl	85%	94%	79%	40-140%

Semivolatile Surrogate Recovery Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Method: SW846 8151 **Matrix:** LEACHATE

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]	S1 [b]
MC4194-1A	YZ68270.D	98.0	100.0
MC4194-2A	YZ68271.D	101.0	98.0
OP26470-BS	BE27796.D	104.0	115.0
OP26470-LB	YZ68269.D	95.0	97.0
OP26470-LB2	YZ68272.D	99.0	100.0
OP26470-MB	BE27795.D	91.0	103.0
OP26470-MS	BE27799.D	115.0	112.0
OP26470-MSD	BE27800.D	116.0	105.0

Surrogate Compounds	Recovery Limits
S1 = 2,4-DCAA	30-150%

(a) Recovery from GC signal #1
(b) Recovery from GC signal #2

Semivolatile Surrogate Recovery Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Method: SW846 8081 **Matrix:** LEACHATE

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]	S1 [b]	S2 [a]	S2 [b]
MC4194-1A	BB38618.D	76.0	68.0	83.0	72.0
MC4194-2A	BB38619.D	74.0	71.0	82.0	72.0
OP26469-BS	BB38615.D	71.0	71.0	38.0	32.0
OP26469-LB	BB38629.D	73.0	63.0	91.0	81.0
OP26469-LB2	BB38630.D	69.0	65.0	76.0	69.0
OP26469-MB	BB38614.D	72.0	64.0	40.0	32.0
OP26469-MS	BB38620.D	74.0	70.0	67.0	43.0
OP26469-MSD	BB38621.D	75.0	62.0	62.0	53.0

Surrogate Compounds	Recovery Limits
S1 = Tetrachloro-m-xylene	30-150%
S2 = Decachlorobiphenyl	30-150%

(a) Recovery from GC signal #1
(b) Recovery from GC signal #2

Semivolatile Surrogate Recovery Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Method: SW846 8082 **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]	S1 [b]	S2 [a]	S2 [b]
MC4194-1	YZ68242.D	90.0	86.0	85.0	83.0
MC4194-2	YZ68243.D	83.0	78.0	82.0	79.0
OP26486-BS	YZ68229.D	85.0	82.0	82.0	81.0
OP26486-MB	YZ68228.D	91.0	90.0	88.0	86.0
OP26486-MS	YZ68230.D	69.0	75.0	89.0	83.0
OP26486-MSD	YZ68231.D	72.0	74.0	89.0	84.0

Surrogate Compounds	Recovery Limits
S1 = Tetrachloro-m-xylene	30-150%
S2 = Decachlorobiphenyl	30-150%

(a) Recovery from GC signal #1
(b) Recovery from GC signal #2

Semivolatile Surrogate Recovery Summary

Job Number: MC4194
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Method: SW846-8015 **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]
MC4194-1	BC54842.D	92.0
MC4194-2	BC54843.D	92.0
OP26496-BS	BC54837.D	113.0
OP26496-MB	BC54836.D	91.0
OP26496-MS	BC54838.D	85.0
OP26496-MSD	BC54839.D	94.0

Surrogate Compounds	Recovery Limits
S1 = o-Terphenyl	40-140%

(a) Recovery from GC signal #1

New England ACCUTEST LABORATORIES

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17851
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date: 10/04/11

Metal	RL	IDL	MDL	MB raw	final
Aluminum	20	2.4	2.6		
Antimony	1.0	.12	.12		
Arsenic	1.0	.083	.11	-0.080	<1.0
Barium	5.0	.1	.1		
Beryllium	0.40	.024	.026		
Boron	10	.051	.06		
Cadmium	0.40	.018	.018	0.0	<0.40
Calcium	500	2.6	2.6		
Chromium	1.0	.066	.076	0.040	<1.0
Cobalt	5.0	.016	.016		
Copper	2.5	.13	.15		
Gold	5.0	.22	.22		
Iron	10	1.4	1.4		
Lead	1.0	.12	.15	-0.060	<1.0
Magnesium	500	7.1	7.1		
Manganese	1.5	.015	.017		
Molybdenum	10	.022	.036		
Nickel	4.0	.022	.076		
Palladium	5.0	.24	.31		
Platinum	5.0	.62	.76		
Potassium	500	8.6	8.6		
Selenium	1.0	.21	.21		
Silicon	10	.22	.22		
Silver	0.50	.076	.11		
Sodium	500	2.1	2.1		
Strontium	1.0	.03	.035		
Thallium	1.0	.083	.11		
Tin	10	.045	.049		
Titanium	5.0	.061	.061		
Tungsten	10	.77	1.3		
Vanadium	1.0	.12	.14		
Zinc	2.0	.012	.11		

Associated samples MP17851: MC4194-1, MC4194-2

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17851 | Methods: SW846 6010C
Matrix Type: SOLID | Units: mg/kg

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17851
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date: 10/04/11

Metal	MC3902-1 Original	MS	Spikelot MPICP	% Rec	QC Limits
Aluminum	anr				
Antimony	anr				
Arsenic	4.9	50.1	51.4	87.9	75-125
Barium	anr				
Beryllium	anr				
Boron					
Cadmium	0.25	46.4	51.4	89.8	75-125
Calcium	anr				
Chromium	11.0	56.7	51.4	88.9	75-125
Cobalt	anr				
Copper	anr				
Gold					
Iron	anr				
Lead	10.5	100	103	87.1	75-125
Magnesium	anr				
Manganese	anr				
Molybdenum					
Nickel	anr				
Palladium					
Platinum					
Potassium	anr				
Selenium	anr				
Silicon					
Silver	anr				
Sodium	anr				
Strontium					
Thallium	anr				
Tin					
Titanium					
Tungsten					
Vanadium	anr				
Zinc	anr				

Associated samples MP17851: MC4194-1, MC4194-2

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17851
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17851
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date: 10/04/11

Metal	MC3902-1 Original	MSD	Spikelot MPICP	% Rec	MSD RPD	QC Limit
Aluminum	anr					
Antimony	anr					
Arsenic	4.9	50.5	51.8	88.1	0.8	20
Barium	anr					
Beryllium	anr					
Boron						
Cadmium	0.25	47.0	51.8	90.3	1.3	20
Calcium	anr					
Chromium	11.0	57.0	51.8	88.8	0.5	20
Cobalt	anr					
Copper	anr					
Gold						
Iron	anr					
Lead	10.5	100	104	86.4	0.0	20
Magnesium	anr					
Manganese	anr					
Molybdenum						
Nickel	anr					
Palladium						
Platinum						
Potassium	anr					
Selenium	anr					
Silicon						
Silver	anr					
Sodium	anr					
Strontium						
Thallium	anr					
Tin						
Titanium						
Tungsten						
Vanadium	anr					
Zinc	anr					

Associated samples MP17851: MC4194-1, MC4194-2

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17851 | Methods: SW846 6010C
Matrix Type: SOLID | Units: mg/kg

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17851
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:			10/04/11					10/04/11	
Metal	BSP Result	Spikelot MPICP	% Rec	QC Limits	LCS Result	Spikelot MPLCS72	% Rec	QC Limits
Aluminum	anr							
Antimony	anr							
Arsenic	46.4	50	92.8	80-120	98.0	109	89.9	83-117
Barium	anr							
Beryllium	anr							
Boron								
Cadmium	46.6	50	93.2	80-120	74.4	80.2	92.8	84-116
Calcium	anr							
Chromium	46.3	50	92.6	80-120	105	117	89.7	82-118
Cobalt	anr							
Copper	anr							
Gold								
Iron	anr							
Lead	92.2	100	92.2	80-120	66.9	76.2	87.8	84-117
Magnesium	anr							
Manganese	anr							
Molybdenum								
Nickel	anr							
Palladium								
Platinum								
Potassium	anr							
Selenium	anr							
Silicon								
Silver	anr							
Sodium	anr							
Strontium								
Thallium	anr							
Tin								
Titanium								
Tungsten								
Vanadium	anr							
Zinc	anr							

Associated samples MP17851: MC4194-1, MC4194-2

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17851
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17851
Matrix Type: SOLID

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/04/11

Metal	MC3902-1 Original	SDL 1:5	%DIF	QC Limits
Aluminum	anr			
Antimony	anr			
Arsenic	47.5	45.3	4.6	0-10
Barium	anr			
Beryllium	anr			
Boron				
Cadmium	2.40	2.10	12.5 (a)	0-10
Calcium	anr			
Chromium	107	113	6.0	0-10
Cobalt	anr			
Copper	anr			
Gold				
Iron	anr			
Lead	101	106	5.1	0-10
Magnesium	anr			
Manganese	anr			
Molybdenum				
Nickel	anr			
Palladium				
Platinum				
Potassium	anr			
Selenium	anr			
Silicon				
Silver	anr			
Sodium	anr			
Strontium				
Thallium	anr			
Tin				
Titanium				
Tungsten				
Vanadium	anr			
Zinc	anr			

Associated samples MP17851: MC4194-1, MC4194-2

SERIAL DILUTION RESULTS SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17851
Matrix Type: SOLID

Methods: SW846 6010C
Units: ug/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

POST DIGESTATE SPIKE SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17851
Matrix Type: SOLID

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/04/11

Metal	Sample ml	Final ml	MC3902-1 Raw	Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Antimony										
Arsenic	10	11.5	47.5	41.30435	202.2	.5	5	217.3913	74.0 (a)	75-125
Beryllium										
Boron										
Cadmium	10	11.5	2.4	2.086957	166.9	.5	4	173.913	94.8	75-125
Copper										
Gold										
Lead	10	11.5	101.2	88	292	.5	5	217.3913	93.8	75-125
Molybdenum										
Palladium										
Platinum										
Potassium										
Selenium										
Silicon										
Silver										
Sodium										
Strontium										
Thallium										
Tin										
Titanium										
Tungsten										

Associated samples MP17851: MC4194-1, MC4194-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(**) Corr. sample result = Raw * (sample volume / final volume)
(anr) Analyte not requested
(a) Post-digestion spike recovery outside of the control limit.

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17858
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date: 10/04/11

Metal	RL	IDL	MDL	MB raw	final
Aluminum	0.20	.024	.04		
Antimony	0.0060	.0012	.002		
Arsenic	0.010	.00083	.0011	-0.00030	<0.010
Barium	0.50	.001	.001	0.00080	<0.50
Beryllium	0.0040	.00024	.00024		
Boron	0.10	.00051	.0018		
Cadmium	0.0040	.00018	.00018	0.00010	<0.0040
Calcium	5.0	.026	.026		
Chromium	0.010	.00066	.00066	0.00020	<0.010
Cobalt	0.050	.00016	.00022		
Copper	0.025	.0013	.0025		
Gold	0.050	.0022	.0029		
Iron	0.10	.014	.014		
Lead	0.010	.0012	.0014	-0.00040	<0.010
Magnesium	5.0	.071	.11		
Manganese	0.015	.00015	.00043		
Molybdenum	0.10	.00022	.00036		
Nickel	0.040	.00022	.00035		
Palladium	0.050	.0024	.0034		
Platinum	0.050	.0062	.015		
Potassium	5.0	.086	.086		
Selenium	0.025	.0021	.0021	0.0014	<0.025
Silicon	0.10	.0022	.018		
Silver	0.0050	.00076	.001	0.00070	<0.0050
Sodium	5.0	.021	.041		
Strontium	0.010	.0003	.00038		
Thallium	0.0050	.00083	.00088		
Tin	0.10	.00045	.00047		
Titanium	0.050	.00061	.001		
Tungsten	0.10	.0077	.013		
Vanadium	0.010	.0012	.0015		
Zinc	0.10	.00012	.00061		

Associated samples MP17858: MC4194-1A, MC4194-2A

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17858
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17858
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date: 10/04/11

Metal	MC4146-2 Original	MS	Spikelot MPICP	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic	0.0014	0.54	0.50	107.7	75-125
Barium	0.14	2.1	2.0	98.0	75-125
Beryllium					
Boron					
Cadmium	0.0019	0.53	0.50	105.6	75-125
Calcium					
Chromium	0.0023	0.49	0.50	97.5	75-125
Cobalt					
Copper					
Gold					
Iron					
Lead	0.0042	0.97	1.0	96.6	75-125
Magnesium					
Manganese					
Molybdenum					
Nickel					
Palladium					
Platinum					
Potassium					
Selenium	0.0	0.56	0.50	112.0	75-125
Silicon					
Silver	0.00080	0.22	0.20	109.6	75-125
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Tungsten					
Vanadium					
Zinc					

Associated samples MP17858: MC4194-1A, MC4194-2A

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17858
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17858
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date: 10/04/11

Metal	MC4146-2 Original	MSD	Spikelot MPICP	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	0.0014	0.54	0.50	107.7	0.0	20
Barium	0.14	2.1	2.0	98.0	0.0	20
Beryllium						
Boron						
Cadmium	0.0019	0.53	0.50	105.6	0.0	20
Calcium						
Chromium	0.0023	0.49	0.50	97.5	0.0	20
Cobalt						
Copper						
Gold						
Iron						
Lead	0.0042	0.96	1.0	95.6	1.0	20
Magnesium						
Manganese						
Molybdenum						
Nickel						
Palladium						
Platinum						
Potassium						
Selenium	0.0	0.56	0.50	112.0	0.0	20
Silicon						
Silver	0.00080	0.21	0.20	104.6	4.7	20
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Tungsten						
Vanadium						
Zinc						

Associated samples MP17858: MC4194-1A, MC4194-2A

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17858
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17858
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date: 10/04/11

Metal	BSP Result	Spikelot MPICP	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	0.53	0.50	106.0	80-120
Barium	1.9	2.0	95.0	80-120
Beryllium				
Boron				
Cadmium	0.51	0.50	102.0	80-120
Calcium				
Chromium	0.47	0.50	94.0	80-120
Cobalt				
Copper				
Gold				
Iron				
Lead	0.93	1.0	93.0	80-120
Magnesium				
Manganese				
Molybdenum				
Nickel				
Palladium				
Platinum				
Potassium				
Selenium	0.55	0.50	110.0	80-120
Silicon				
Silver	0.21	0.20	105.0	80-120
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Tungsten				
Vanadium				
Zinc				

Associated samples MP17858: MC4194-1A, MC4194-2A

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17858
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17858
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/04/11

Metal	MC4146-2 Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	1.40	0.00	100.0(a)	0-10
Barium	141	147	4.2	0-10
Beryllium				
Boron				
Cadmium	1.90	2.10	10.5 (a)	0-10
Calcium				
Chromium	2.30	3.40	47.8 (a)	0-10
Cobalt				
Copper				
Gold				
Iron				
Lead	4.20	0.00	100.0(a)	0-10
Magnesium				
Manganese				
Molybdenum				
Nickel				
Palladium				
Platinum				
Potassium				
Selenium	0.00	0.00	NC	0-10
Silicon				
Silver	0.800	0.00	100.0(a)	0-10
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Tungsten				
Vanadium				
Zinc				

Associated samples MP17858: MC4194-1A, MC4194-2A

SERIAL DILUTION RESULTS SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17858
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: ug/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

POST DIGESTATE SPIKE SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17858
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/04/11

Metal	Sample ml	Final ml	MC4146-2 Raw	Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Aluminum										
Antimony										
Arsenic	10	10.5	1.4	1.333333	199	.5	4	190.4762	103.8	75-125
Barium	10	10.5	140.9	134.1905	2502	.5	50	2380.952	99.4	75-125
Beryllium										
Boron										
Cadmium	10	10.5	1.9	1.809524	199.1	.5	4	190.4762	103.6	75-125
Calcium										
Chromium	10	10.5	2.3	2.190476	474.6	.5	10	476.1905	99.2	75-125
Cobalt										
Copper										
Gold										
Iron										
Lead	10	10.5	4.2	4	236	.5	5	238.0952	97.4	75-125
Magnesium										
Manganese										
Molybdenum										
Nickel										
Palladium										
Platinum										
Potassium										
Selenium	10	10.5	0	0	526.4	.5	10	476.1905	110.5	75-125
Silicon										
Silver	10	10.5	0.8	0.7619048	244.9	.5	5	238.0952	102.5	75-125
Sodium										
Strontium										
Thallium										
Tin										
Titanium										
Tungsten										
Vanadium										
Zinc										

Associated samples MP17858: MC4194-1A, MC4194-2A

POST DIGESTATE SPIKE SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17858
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: ug/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(**) Corr. sample result = Raw * (sample volume / final volume)
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17859
Matrix Type: LEACHATE

Methods: SW846 7470A
Units: mg/l

Prep Date: 10/04/11

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.00020	.000018	.000029	-0.0000060	<0.00020

Associated samples MP17859: MC4194-1A, MC4194-2A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

9.3.1

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MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17859
Matrix Type: LEACHATE

Methods: SW846 7470A
Units: mg/l

Prep Date: 10/04/11

Metal	MC4146-2 Original	MS	Spikelot HGRWS1	% Rec	QC Limits
Mercury	0.0	0.0034	0.0030	113.3	75-125

Associated samples MP17859: MC4194-1A, MC4194-2A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17859
Matrix Type: LEACHATE

Methods: SW846 7470A
Units: mg/l

Prep Date: 10/04/11

Metal	MC4146-2 Original	MSD	Spikelot HGRWS1	% Rec	MSD RPD	QC Limit
Mercury	0.0	0.0035	0.0030	116.7	2.9	

Associated samples MP17859: MC4194-1A, MC4194-2A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17859
Matrix Type: LEACHATE

Methods: SW846 7470A
Units: mg/l

Prep Date: 10/04/11

Metal	BSP Result	Spikelot HGRWS1	% Rec	QC Limits
Mercury	0.0032	0.0030	106.7	80-120

Associated samples MP17859: MC4194-1A, MC4194-2A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17872
Matrix Type: SOLID

Methods: SW846 7471B
Units: mg/kg

Prep Date: 10/06/11

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.033	.004	.0058	0.0028	<0.033

Associated samples MP17872: MC4194-1, MC4194-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17872
Matrix Type: SOLID

Methods: SW846 7471B
Units: mg/kg

Prep Date: 10/06/11

Metal	MC4194-1 Original	MS	Spikelot HGRWS1	% Rec	QC Limits
Mercury	0.0056	0.47	0.505	91.9	75-125

Associated samples MP17872: MC4194-1, MC4194-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17872 Methods: SW846 7471B
Matrix Type: SOLID Units: mg/kg

Prep Date: 10/06/11

Metal	MC4194-1 Original	MSD	Spikelot HGRWS1	% Rec	MSD RPD	QC Limit
Mercury	0.0056	0.49	0.521	92.9	4.2	20

Associated samples MP17872: MC4194-1, MC4194-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17872
Matrix Type: SOLID

Methods: SW846 7471B
Units: mg/kg

Prep Date:	10/06/11					10/06/11		
Metal	BSP Result	Spikelot HGRWS1	% Rec	QC Limits	LCS Result	Spikelot HGLCS74	% Rec	QC Limits
Mercury	0.47	0.5	94.0	80-120	4.2	4.13	101.7	46-134

Associated samples MP17872: MC4194-1, MC4194-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

New England ACCUTEST LABORATORIES

General Chemistry

QC Data Summaries

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Cyanide Reactivity	GP13597/GN36399	1.5	<1.5	mg/kg	250	29.0	11.6	-%
Sulfide Reactivity	GP13598/GN36400	50	<50	mg/kg	500	400	80.0	-%

Associated Samples:
Batch GP13597: MC4194-1, MC4194-2
Batch GP13598: MC4194-1, MC4194-2
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Corrosivity as pH	GN36390	MC4146-2		6.3	6.3	0.0	0-%
Cyanide Reactivity	GP13597/GN36399	MC4146-1	mg/kg	U	<1.6	0.0	0-20%
Ignitability (Flashpoint)	GN36387	MC4188-1	Deg. F	>230	>230	0.0	0-20%
Solids, Percent	GN36385	MC4147-1	%	94.6	93.8	0.8	0-20%
Sulfide Reactivity	GP13598/GN36400	MC4146-1	mg/kg	U	<55	0.0	0-20%

Associated Samples:
Batch GN36385: MC4194-1, MC4194-2
Batch GN36387: MC4194-1, MC4194-2
Batch GN36390: MC4194-1, MC4194-2
Batch GP13597: MC4194-1, MC4194-2
Batch GP13598: MC4194-1, MC4194-2
(*) Outside of QC limits

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: MC4194
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Cyanide Reactivity	GP13597/GN36399	MC4146-1	mg/kg	U	273	30.5	11.2	-%
Sulfide Reactivity	GP13598/GN36400	MC4146-1	mg/kg	U	545	382	70.1	-%

Associated Samples:
Batch GP13597: MC4194-1, MC4194-2
Batch GP13598: MC4194-1, MC4194-2
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits

LabLink Analytical Data Report
Kittery Maine Site 30 Disposal Samples 139799

Including: TCLP Maximum Contaminant Concentrations (40 CFR 261 6/96)

Sample	Parameter	Cas No.	Method	Result	Qual	Units	RL	LOD/MDL	TCLP Limit	DF	Client ID	Collected	Time
MC4194-1	TPH-DRO		SW846-8015	21		mg/kg	17	13	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Aroclor 1016	12674-11-2	SW846 8082	35	U	ug/kg	110	35	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Aroclor 1221	11104-28-2	SW846 8082	35	U	ug/kg	110	35	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Aroclor 1232	11141-16-5	SW846 8082	35	U	ug/kg	110	35	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Aroclor 1242	53469-21-9	SW846 8082	7.1	U	ug/kg	110	7.1	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Aroclor 1248	12672-29-6	SW846 8082	7.0	U	ug/kg	110	7.0	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Aroclor 1254	11097-69-1	SW846 8082	35	U	ug/kg	110	35	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Aroclor 1260	11096-82-5	SW846 8082	7.0	U	ug/kg	110	7.0	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Tetrachloro-m-xylene	877-09-8	SW846 8082	90		%			-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Tetrachloro-m-xylene	877-09-8	SW846 8082	86		%			-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Decachlorobiphenyl	2051-24-3	SW846 8082	85		%			-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Decachlorobiphenyl	2051-24-3	SW846 8082	83		%			-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	o-Terphenyl	84-15-1	SW846-8015	92		%			-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	TPH-GRO		SW846 8015	1.7	U	mg/kg	8.9	1.7	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	2,5-Dibromotoluene	615-59-8	SW846 8015	86		%			-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Corrosivity as pH		SW846 CHAP7	7.3					-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Ignitability (Flashpoint)		SW846 1020	>230	>	Deg. F			-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Cyanide Reactivity		SW846 CHAP7	1.6	U	mg/kg	1.6	1.6	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Sulfide Reactivity		SW846 CHAP7	54	U	mg/kg	54	54	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Solids, Percent		SM21 2540 B MOD.	92.8		%			-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Arsenic	7440-38-2	SW846 6010C	17.7		mg/kg	0.88	0.12	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Cadmium	7440-43-9	SW846 6010C	0.12	J	mg/kg	0.35	0.053	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Chromium	7440-47-3	SW846 6010C	25.1		mg/kg	0.88	0.12	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Lead	7439-92-1	SW846 6010C	8.3		mg/kg	0.88	0.31	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Mercury	7439-97-6	SW846 7471B	0.012	U	mg/kg	0.034	0.012	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	2-Chlorophenol	95-57-8	SW846 8270C	14	U	ug/kg	260	14	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	4-Chloro-3-methyl phenol	59-50-7	SW846 8270C	18	U	ug/kg	520	18	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	2,4-Dichlorophenol	120-83-2	SW846 8270C	31	U	ug/kg	520	31	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	2,4-Dimethylphenol	105-67-9	SW846 8270C	52	U	ug/kg	520	52	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	2,4-Dinitrophenol	51-28-5	SW846 8270C	260	U	ug/kg	1000	260	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	4,6-Dinitro-o-cresol	534-52-1	SW846 8270C	260	U	ug/kg	520	260	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	2-Methylphenol	95-48-7	SW846 8270C	15	U	ug/kg	520	15	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	3&4-Methylphenol		SW846 8270C	28	U	ug/kg	520	28	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	2-Nitrophenol	88-75-5	SW846 8270C	31	U	ug/kg	520	31	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	4-Nitrophenol	100-02-7	SW846 8270C	260	U	ug/kg	1000	260	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Pentachlorophenol	87-86-5	SW846 8270C	49	U	ug/kg	520	49	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Phenol	108-95-2	SW846 8270C	44	U	ug/kg	260	44	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	2,4,5-Trichlorophenol	95-95-4	SW846 8270C	39	U	ug/kg	520	39	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	2,4,6-Trichlorophenol	88-06-2	SW846 8270C	36	U	ug/kg	520	36	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Acenaphthene	83-32-9	SW846 8270C	22	U	ug/kg	260	22	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Acenaphthylene	208-96-8	SW846 8270C	20	U	ug/kg	260	20	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Anthracene	120-12-7	SW846 8270C	21	U	ug/kg	260	21	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Benzo(a)anthracene	56-55-3	SW846 8270C	9.6	U	ug/kg	260	9.6	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Benzo(a)pyrene	50-32-8	SW846 8270C	16	U	ug/kg	260	16	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Benzo(b)fluoranthene	205-99-2	SW846 8270C	31	U	ug/kg	260	31	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Benzo(g,h,i)perylene	191-24-2	SW846 8270C	17	U	ug/kg	260	17	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Benzo(k)fluoranthene	207-08-9	SW846 8270C	7.8	U	ug/kg	260	7.8	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	4-Bromophenyl phenyl ether	101-55-3	SW846 8270C	21	U	ug/kg	260	21	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Butyl benzyl phthalate	85-68-7	SW846 8270C	25.4	J	ug/kg	260	11	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	2-Chloronaphthalene	91-58-7	SW846 8270C	22	U	ug/kg	260	22	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	4-Chloroaniline	106-47-8	SW846 8270C	130	U	ug/kg	520	130	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Carbazole	86-74-8	SW846 8270C	21	U	ug/kg	260	21	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Chrysene	218-01-9	SW846 8270C	8.5	U	ug/kg	260	8.5	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	bis(2-Chloroethoxy)methane	111-91-1	SW846 8270C	20	U	ug/kg	260	20	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	bis(2-Chloroethyl)ether	111-44-4	SW846 8270C	5.6	U	ug/kg	260	5.6	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	bis(2-Chloroisopropyl)ether	108-60-1	SW846 8270C	25	U	ug/kg	260	25	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	4-Chlorophenyl phenyl ether	7005-72-3	SW846 8270C	24	U	ug/kg	260	24	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	1,2-Dichlorobenzene	95-50-1	SW846 8270C	21	U	ug/kg	260	21	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	1,3-Dichlorobenzene	541-73-1	SW846 8270C	22	U	ug/kg	260	22	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	1,4-Dichlorobenzene	106-46-7	SW846 8270C	22	U	ug/kg	260	22	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	2,4-Dinitrotoluene	121-14-2	SW846 8270C	130	U	ug/kg	520	130	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	2,6-Dinitrotoluene	606-20-2	SW846 8270C	25	U	ug/kg	520	25	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	3,3'-Dichlorobenzidine	91-94-1	SW846 8270C	6.3	U	ug/kg	260	6.3	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Dibenzo(a,h)anthracene	53-70-3	SW846 8270C	17	U	ug/kg	260	17	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Dibenzofuran	132-64-9	SW846 8270C	22	U	ug/kg	260	22	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Di-n-butyl phthalate	84-74-2	SW846 8270C	24	U	ug/kg	260	24	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Di-n-octyl phthalate	117-84-0	SW846 8270C	14	U	ug/kg	260	14	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Diethyl phthalate	84-66-2	SW846 8270C	23	U	ug/kg	260	23	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Dimethyl phthalate	131-11-3	SW846 8270C	18	U	ug/kg	260	18	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	bis(2-Ethylhexyl)phthalate	117-81-7	SW846 8270C	187	J	ug/kg	260	18	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Fluoranthene	206-44-0	SW846 8270C	8.9	U	ug/kg	260	8.9	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Fluorene	86-73-7	SW846 8270C	5.8	U	ug/kg	260	5.8	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Hexachlorobenzene	118-74-1	SW846 8270C	23	U	ug/kg	260	23	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Hexachlorobutadiene	87-68-3	SW846 8270C	21	U	ug/kg	260	21	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Hexachlorocyclopentadiene	77-47-4	SW846 8270C	3.5	U	ug/kg	520	3.5	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Hexachloroethane	67-72-1	SW846 8270C	21	U	ug/kg	260	21	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Indeno(1,2,3-cd)pyrene	193-39-5	SW846 8270C	16	U	ug/kg	260	16	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Isophorone	78-59-1	SW846 8270C	26	U	ug/kg	260	26	-----	1	139799-WASTE-S-001	9/30/2011	10:24

LabLink Analytical Data Report
Kittery Maine Site 30 Disposal Samples 139799

Including: TCLP Maximum Contaminant Concentrations (40 CFR 261 6/96)

Sample	Parameter	Cas No.	Method	Result	Qual	Units	RL	LOD/MDL	TCLP Limit	DF	Client ID	Collected	Time
MC4194-1	2-Methylnaphthalene	91-57-6	SW846 8270C	22	U	ug/kg	260	22	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	2-Nitroaniline	88-74-4	SW846 8270C	130	U	ug/kg	520	130	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	3-Nitroaniline	99-09-2	SW846 8270C	130	U	ug/kg	520	130	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	4-Nitroaniline	100-01-6	SW846 8270C	19	U	ug/kg	520	19	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Naphthalene	91-20-3	SW846 8270C	6.1	U	ug/kg	260	6.1	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Nitrobenzene	98-95-3	SW846 8270C	7.8	U	ug/kg	260	7.8	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	N-Nitroso-di-n-propylamine	621-64-7	SW846 8270C	17	U	ug/kg	260	17	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	N-Nitrosodiphenylamine	86-30-6	SW846 8270C	14	U	ug/kg	260	14	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Phenanthrene	85-01-8	SW846 8270C	6.8	U	ug/kg	260	6.8	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Pyrene	129-00-0	SW846 8270C	8.4	U	ug/kg	260	8.4	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	1,2,4-Trichlorobenzene	120-82-1	SW846 8270C	23	U	ug/kg	260	23	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	2-Fluorophenol	367-12-4	SW846 8270C	54		%			-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Phenol-d5	4165-62-2	SW846 8270C	55		%			-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	2,4,6-Tribromophenol	118-79-6	SW846 8270C	61		%			-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Nitrobenzene-d5	4165-60-0	SW846 8270C	53		%			-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	2-Fluorobiphenyl	321-60-8	SW846 8270C	58		%			-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Terphenyl-d14	1718-51-0	SW846 8270C	76		%			-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Acetone	67-64-1	SW846 8260B	28.3		ug/kg	3.8	3.8	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Benzene	71-43-2	SW846 8260B	0.19	U	ug/kg	0.38	0.19	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Bromodichloromethane	75-27-4	SW846 8260B	0.38	U	ug/kg	1.5	0.38	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Bromoform	75-25-2	SW846 8260B	0.38	U	ug/kg	1.5	0.38	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Bromomethane	74-83-9	SW846 8260B	1.5	U	ug/kg	1.5	1.5	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	2-Butanone (MEK)	78-93-3	SW846 8260B	1.5	U	ug/kg	3.8	1.5	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Carbon disulfide	75-15-0	SW846 8260B	1.5	U	ug/kg	3.8	1.5	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Carbon tetrachloride	56-23-5	SW846 8260B	0.38	U	ug/kg	1.5	0.38	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Chlorobenzene	108-90-7	SW846 8260B	0.19	U	ug/kg	1.5	0.19	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Chloroethane	75-00-3	SW846 8260B	0.38	U	ug/kg	3.8	0.38	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Chloroform	67-66-3	SW846 8260B	0.38	U	ug/kg	1.5	0.38	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Chloromethane	74-87-3	SW846 8260B	1.5	U	ug/kg	3.8	1.5	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Dibromochloromethane	124-48-1	SW846 8260B	1.5	U	ug/kg	1.5	1.5	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	1,1-Dichloroethane	75-34-3	SW846 8260B	0.38	U	ug/kg	1.5	0.38	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	1,2-Dichloroethane	107-06-2	SW846 8260B	0.38	U	ug/kg	1.5	0.38	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	1,1-Dichloroethene	75-35-4	SW846 8260B	0.38	U	ug/kg	1.5	0.38	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	cis-1,2-Dichloroethene	156-59-2	SW846 8260B	0.38	U	ug/kg	1.5	0.38	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	trans-1,2-Dichloroethene	156-60-5	SW846 8260B	0.38	U	ug/kg	1.5	0.38	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	1,2-Dichloropropane	78-87-5	SW846 8260B	0.38	U	ug/kg	1.5	0.38	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	cis-1,3-Dichloropropene	10061-01-5	SW846 8260B	1.5	U	ug/kg	1.5	1.5	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	trans-1,3-Dichloropropene	10061-02-6	SW846 8260B	1.5	U	ug/kg	1.5	1.5	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Ethylbenzene	100-41-4	SW846 8260B	0.38	U	ug/kg	1.5	0.38	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	2-Hexanone	591-78-6	SW846 8260B	3.8	U	ug/kg	3.8	3.8	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	4-Methyl-2-pentanone (MIBK)	108-10-1	SW846 8260B	1.5	U	ug/kg	3.8	1.5	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Methylene chloride	75-09-2	SW846 8260B	0.38	U	ug/kg	1.5	0.38	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Styrene	100-42-5	SW846 8260B	0.38	U	ug/kg	3.8	0.38	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	1,1,2,2-Tetrachloroethane	79-34-5	SW846 8260B	0.38	U	ug/kg	1.5	0.38	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Tetrachloroethene	127-18-4	SW846 8260B	0.38	U	ug/kg	1.5	0.38	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Toluene	108-88-3	SW846 8260B	0.38	U	ug/kg	3.8	0.38	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	1,1,1-Trichloroethane	71-55-6	SW846 8260B	0.38	U	ug/kg	1.5	0.38	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	1,1,2-Trichloroethane	79-00-5	SW846 8260B	0.38	U	ug/kg	1.5	0.38	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Trichloroethene	79-01-6	SW846 8260B	0.38	U	ug/kg	1.5	0.38	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Vinyl chloride	75-01-4	SW846 8260B	1.5	U	ug/kg	1.5	1.5	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Xylene (total)	1330-20-7	SW846 8260B	0.38	U	ug/kg	1.5	0.38	-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Dibromofluoromethane	1868-53-7	SW846 8260B	98		%			-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	Toluene-D8	2037-26-5	SW846 8260B	95		%			-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1	4-Bromofluorobenzene	460-00-4	SW846 8260B	101		%			-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	2,4-D	94-75-7	SW846 8151	0.0014	U	mg/l	0.010	0.0014	10	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	2,4,5-TP (Silvex)	93-72-1	SW846 8151	0.0013	U	mg/l	0.010	0.0013	1.0	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	gamma-BHC (Lindane)	58-89-9	SW846 8081	0.00025	U	mg/l	0.00050	0.00025	0.40	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	Chlordane	12789-03-6	SW846 8081	0.0050	U	mg/l	0.0050	0.0050	0.030	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	Endrin	72-20-8	SW846 8081	0.00025	U	mg/l	0.00050	0.00025	0.020	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	Heptachlor	76-44-8	SW846 8081	0.00025	U	mg/l	0.00050	0.00025	0.0080	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	Heptachlor epoxide	1024-57-3	SW846 8081	0.00025	U	mg/l	0.00050	0.00025	0.0080	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	Methoxychlor	72-43-5	SW846 8081	0.00025	U	mg/l	0.00050	0.00025	10	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	Toxaphene	8001-35-2	SW846 8081	0.0025	U	mg/l	0.025	0.0025	0.50	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	2,4-DCAA	19719-28-9	SW846 8151	98		%			-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	Tetrachloro-m-xylene	877-09-8	SW846 8081	68		%			-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	2,4-DCAA	19719-28-9	SW846 8151	100		%			-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	Tetrachloro-m-xylene	877-09-8	SW846 8081	76		%			-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	Decachlorobiphenyl	2051-24-3	SW846 8081	83		%			-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	Decachlorobiphenyl	2051-24-3	SW846 8081	72		%			-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	Arsenic	7440-38-2	SW846 6010C	0.0035	U	mg/l	0.010	0.0035	5.0	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	Barium	7440-39-3	SW846 6010C	0.21	J,Q	mg/l	0.50	0.0010	100	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	Cadmium	7440-43-9	SW846 6010C	0.0018	J	mg/l	0.0040	0.0006	1.0	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	Chromium	7440-47-3	SW846 6010C	0.0039	J	mg/l	0.010	0.0010	5.0	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	Lead	7439-92-1	SW846 6010C	0.0035	U	mg/l	0.010	0.0035	5.0	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	Mercury	7439-97-6	SW846 7470A	0.000058	U	mg/l	0.00020	0.000058	0.20	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	Selenium	7782-49-2	SW846 6010C	0.0035	U	mg/l	0.025	0.0035	1.0	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	Silver	7440-22-4	SW846 6010C	0.0010	U	mg/l	0.0050	0.0010	5.0	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	2-Methylphenol	95-48-7	SW846 8270C	0.020	U	mg/l	0.10	0.020	200	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	3&4-Methylphenol		SW846 8270C	0.010	U	mg/l	0.10	0.010	200	1	139799-WASTE-S-001	9/30/2011	10:24

LabLink Analytical Data Report
Kittery Maine Site 30 Disposal Samples 139799

Including: TCLP Maximum Contaminant Concentrations (40 CFR 261 6/96)

Sample	Parameter	Cas No.	Method	Result	Qual	Units	RL	LOD/MDL	TCLP Limit	DF	Client ID	Collected	Time
MC4194-1A	Pentachlorophenol	87-86-5	SW846 8270C	0.02	U	mg/l	0.10	0.020	100	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	2,4,5-Trichlorophenol	95-95-4	SW846 8270C	0.0050	U	mg/l	0.10	0.0050	400	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	2,4,6-Trichlorophenol	88-06-2	SW846 8270C	0.0050	U	mg/l	0.1	0.0050	2.0	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	1,4-Dichlorobenzene	106-46-7	SW846 8270C	0.0050	U	mg/l	0.050	0.0050	7.5	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	2,4-Dinitrotoluene	121-14-2	SW846 8270C	0.020	U	mg/l	0.10	0.020	0.13	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	Hexachlorobenzene	118-74-1	SW846 8270C	0.0050	U	mg/l	0.050	0.0050	0.13	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	Hexachlorobutadiene	87-68-3	SW846 8270C	0.0050	U	mg/l	0.050	0.0050	0.50	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	Hexachloroethane	67-72-1	SW846 8270C	0.020	U	mg/l	0.050	0.020	3.0	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	Nitrobenzene	98-95-3	SW846 8270C	0.0050	U	mg/l	0.050	0.0050	2.0	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	Pyridine	110-86-1	SW846 8270C	0.050	U	mg/l	0.10	0.050	5.0	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	2-Fluorophenol	367-12-4	SW846 8270C	82		%			-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	Phenol-d5	4165-62-2	SW846 8270C	75		%			-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	2,4,6-Tribromophenol	118-79-6	SW846 8270C	92		%			-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	Nitrobenzene-d5	4165-60-0	SW846 8270C	87		%			-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	2-Fluorobiphenyl	321-60-8	SW846 8270C	88		%			-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	Terphenyl-d14	1718-51-0	SW846 8270C	92		%			-----	1	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	Benzene	71-43-2	SW846 8260B	0.046	U	mg/l	0.050	0.046	0.50	100	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	2-Butanone (MEK)	78-93-3	SW846 8260B	0.27	U	mg/l	0.50	0.27	200	100	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	Carbon tetrachloride	56-23-5	SW846 8260B	0.058	U	mg/l	0.10	0.058	0.50	100	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	Chlorobenzene	108-90-7	SW846 8260B	0.044	U	mg/l	0.10	0.044	100	100	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	Chloroform	67-66-3	SW846 8260B	0.058	U	mg/l	0.10	0.058	6.0	100	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	1,4-Dichlorobenzene	106-46-7	SW846 8260B	0.042	U	mg/l	0.10	0.042	7.5	100	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	1,2-Dichloroethane	107-06-2	SW846 8260B	0.044	U	mg/l	0.10	0.044	0.50	100	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	1,1-Dichloroethene	75-35-4	SW846 8260B	0.080	U	mg/l	0.10	0.080	0.70	100	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	Tetrachloroethene	127-18-4	SW846 8260B	0.036	U	mg/l	0.10	0.036	0.70	100	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	Trichloroethene	79-01-6	SW846 8260B	0.075	U	mg/l	0.10	0.075	0.50	100	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	Vinyl chloride	75-01-4	SW846 8260B	0.083	U	mg/l	0.10	0.083	0.20	100	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	Dibromofluoromethane	1868-53-7	SW846 8260B	92		%			-----	100	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	Toluene-D8	2037-26-5	SW846 8260B	92		%			-----	100	139799-WASTE-S-001	9/30/2011	10:24
MC4194-1A	4-Bromofluorobenzene	460-00-4	SW846 8260B	88		%			-----	100	139799-WASTE-S-001	9/30/2011	10:24
MC4194-2	TPH-DRO		SW846-8015	18.8		mg/kg	18	14	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Aroclor 1016	12674-11-2	SW846 8082	36	U	ug/kg	110	36	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Aroclor 1221	11104-28-2	SW846 8082	36	U	ug/kg	110	36	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Aroclor 1232	11141-16-5	SW846 8082	36	U	ug/kg	110	36	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Aroclor 1242	53469-21-9	SW846 8082	7.3	U	ug/kg	110	7.3	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Aroclor 1248	12672-29-6	SW846 8082	7.2	U	ug/kg	110	7.2	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Aroclor 1254	11097-69-1	SW846 8082	36	U	ug/kg	110	36	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Aroclor 1260	11096-82-5	SW846 8082	7.2	U	ug/kg	110	7.2	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Tetrachloro-m-xylene	877-09-8	SW846 8082	83		%			-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Tetrachloro-m-xylene	877-09-8	SW846 8082	78		%			-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Decachlorobiphenyl	2051-24-3	SW846 8082	82		%			-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Decachlorobiphenyl	2051-24-3	SW846 8082	79		%			-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	o-Terphenyl	84-15-1	SW846-8015	92		%			-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	TPH-GRO		SW846 8015	1.9	U	mg/kg	9.8	1.9	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	2,5-Dibromotoluene	615-59-8	SW846 8015	88		%			-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Corrosivity as pH		SW846 CHAP7	12					-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Sulfide Reactivity		SW846 CHAP7	54	U	mg/kg	54	54	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Cyanide Reactivity		SW846 CHAP7	1.6	U	mg/kg	1.6	1.6	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Ignitability (Flashpoint)		SW846 1020	>230	>	Deg. F			-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Solids, Percent		SM21 2540 B MOD.	91.1		%			-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Arsenic	7440-38-2	SW846 6010C	15.5		mg/kg	0.92	0.13	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Cadmium	7440-43-9	SW846 6010C	0.055	U	mg/kg	0.37	0.055	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Chromium	7440-47-3	SW846 6010C	10		mg/kg	0.92	0.13	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Lead	7439-92-1	SW846 6010C	3.9		mg/kg	0.92	0.32	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Mercury	7439-97-6	SW846 7471B	0.012	U	mg/kg	0.037	0.012	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	2-Chlorophenol	95-57-8	SW846 8270C	14	U	ug/kg	260	14	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	4-Chloro-3-methyl phenol	59-50-7	SW846 8270C	18	U	ug/kg	530	18	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	2,4-Dichlorophenol	120-83-2	SW846 8270C	31	U	ug/kg	530	31	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	2,4-Dimethylphenol	105-67-9	SW846 8270C	53	U	ug/kg	530	53	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	2,4-Dinitrophenol	51-28-5	SW846 8270C	260	U	ug/kg	1100	260	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	4,6-Dinitro-o-cresol	534-52-1	SW846 8270C	260	U	ug/kg	530	260	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	2-Methylphenol	95-48-7	SW846 8270C	15	U	ug/kg	530	15	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	3&4-Methylphenol		SW846 8270C	28	U	ug/kg	530	28	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	2-Nitrophenol	88-75-5	SW846 8270C	32	U	ug/kg	530	32	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	4-Nitrophenol	100-02-7	SW846 8270C	260	U	ug/kg	1100	260	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Pentachlorophenol	87-86-5	SW846 8270C	49	U	ug/kg	530	49	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Phenol	108-95-2	SW846 8270C	44	U	ug/kg	260	44	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	2,4,5-Trichlorophenol	95-95-4	SW846 8270C	39	U	ug/kg	530	39	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	2,4,6-Trichlorophenol	88-06-2	SW846 8270C	36	U	ug/kg	530	36	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Acenaphthene	83-32-9	SW846 8270C	22	U	ug/kg	260	22	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Acenaphthylene	208-96-8	SW846 8270C	20	U	ug/kg	260	20	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Anthracene	120-12-7	SW846 8270C	21	U	ug/kg	260	21	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Benzo(a)anthracene	56-55-3	SW846 8270C	9.7	U	ug/kg	260	9.7	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Benzo(a)pyrene	50-32-8	SW846 8270C	16	U	ug/kg	260	16	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Benzo(b)fluoranthene	205-99-2	SW846 8270C	31	U	ug/kg	260	31	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Benzo(g,h,i)perylene	191-24-2	SW846 8270C	17	U	ug/kg	260	17	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Benzo(k)fluoranthene	207-08-9	SW846 8270C	7.8	U	ug/kg	260	7.8	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	4-Bromophenyl phenyl ether	101-55-3	SW846 8270C	22	U	ug/kg	260	22	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Butyl benzyl phthalate	85-68-7	SW846 8270C	11	U	ug/kg	260	11	-----	1	139799-WASTE-C-001	9/30/2011	10:45

LabLink Analytical Data Report
Kittery Maine Site 30 Disposal Samples 139799

Including: TCLP Maximum Contaminant Concentrations (40 CFR 261 6/96)

Sample	Parameter	Cas No.	Method	Result	Qual	Units	RL	LOD/MDL	TCLP Limit	DF	Client ID	Collected	Time
MC4194-2	2-Chloronaphthalene	91-58-7	SW846 8270C	22	U	ug/kg	260	22	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	4-Chloroaniline	106-47-8	SW846 8270C	130	U	ug/kg	530	130	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Carbazole	86-74-8	SW846 8270C	21	U	ug/kg	260	21	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Chrysene	218-01-9	SW846 8270C	8.6	U	ug/kg	260	8.6	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	bis(2-Chloroethoxy)methane	111-91-1	SW846 8270C	21	U	ug/kg	260	21	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	bis(2-Chloroethyl)ether	111-44-4	SW846 8270C	5.7	U	ug/kg	260	5.7	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	bis(2-Chloroisopropyl)ether	108-60-1	SW846 8270C	25	U	ug/kg	260	25	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	4-Chlorophenyl phenyl ether	7005-72-3	SW846 8270C	24	U	ug/kg	260	24	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	1,2-Dichlorobenzene	95-50-1	SW846 8270C	21	U	ug/kg	260	21	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	1,3-Dichlorobenzene	541-73-1	SW846 8270C	22	U	ug/kg	260	22	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	1,4-Dichlorobenzene	106-46-7	SW846 8270C	22	U	ug/kg	260	22	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	2,4-Dinitrotoluene	121-14-2	SW846 8270C	130	U	ug/kg	530	130	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	2,6-Dinitrotoluene	606-20-2	SW846 8270C	25	U	ug/kg	530	25	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	3,3'-Dichlorobenzidine	91-94-1	SW846 8270C	6.4	U	ug/kg	260	6.4	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Dibenzo(a,h)anthracene	53-70-3	SW846 8270C	17	U	ug/kg	260	17	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Dibenzofuran	132-64-9	SW846 8270C	23	U	ug/kg	260	23	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Di-n-butyl phthalate	84-74-2	SW846 8270C	24	U	ug/kg	260	24	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Di-n-octyl phthalate	117-84-0	SW846 8270C	14	U	ug/kg	260	14	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Diethyl phthalate	84-66-2	SW846 8270C	23	U	ug/kg	260	23	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Dimethyl phthalate	131-11-3	SW846 8270C	19	U	ug/kg	260	19	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	bis(2-Ethylhexyl)phthalate	117-81-7	SW846 8270C	25.5	J	ug/kg	260	18	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Fluoranthene	206-44-0	SW846 8270C	9.0	U	ug/kg	260	9.0	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Fluorene	86-73-7	SW846 8270C	5.8	U	ug/kg	260	5.8	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Hexachlorobenzene	118-74-1	SW846 8270C	23	U	ug/kg	260	23	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Hexachlorobutadiene	87-68-3	SW846 8270C	21	U	ug/kg	260	21	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Hexachlorocyclopentadiene	77-47-4	SW846 8270C	3.6	U	ug/kg	530	3.6	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Hexachloroethane	67-72-1	SW846 8270C	22	U	ug/kg	260	22	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Indeno(1,2,3-cd)pyrene	193-39-5	SW846 8270C	16	U	ug/kg	260	16	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Isophorone	78-59-1	SW846 8270C	89.2	J	ug/kg	260	26	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	2-Methylnaphthalene	91-57-6	SW846 8270C	22	U	ug/kg	260	22	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	2-Nitroaniline	88-74-4	SW846 8270C	130	U	ug/kg	530	130	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	3-Nitroaniline	99-09-2	SW846 8270C	130	U	ug/kg	530	130	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	4-Nitroaniline	100-01-6	SW846 8270C	20	U	ug/kg	530	20	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Naphthalene	91-20-3	SW846 8270C	6.1	U	ug/kg	260	6.1	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Nitrobenzene	98-95-3	SW846 8270C	7.8	U	ug/kg	260	7.8	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	N-Nitroso-di-n-propylamine	621-64-7	SW846 8270C	17	U	ug/kg	260	17	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	N-Nitrosodiphenylamine	86-30-6	SW846 8270C	14	U	ug/kg	260	14	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Phenanthrene	85-01-8	SW846 8270C	6.8	U	ug/kg	260	6.8	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Pyrene	129-00-0	SW846 8270C	8.5	U	ug/kg	260	8.5	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	1,2,4-Trichlorobenzene	120-82-1	SW846 8270C	23	U	ug/kg	260	23	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	2-Fluorophenol (a)	367-12-4	SW846 8270C	21	*	%			-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	2-Fluorophenol (a)	367-12-4	SW846 8270C	19	*	%			-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Phenol-d5	4165-62-2	SW846 8270C	100		%			-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Phenol-d5	4165-62-2	SW846 8270C	98		%			-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	2,4,6-Tribromophenol	118-79-6	SW846 8270C	40		%			-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	2,4,6-Tribromophenol	118-79-6	SW846 8270C	32		%			-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Nitrobenzene-d5	4165-60-0	SW846 8270C	120		%			-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Nitrobenzene-d5	4165-60-0	SW846 8270C	122		%			-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	2-Fluorobiphenyl (a)	321-60-8	SW846 8270C	140	*	%			-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	2-Fluorobiphenyl (a)	321-60-8	SW846 8270C	140	*	%			-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Terphenyl-d14 (a)	1718-51-0	SW846 8270C	165	*	%			-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Terphenyl-d14 (a)	1718-51-0	SW846 8270C	187	*	%			-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Acetone	67-64-1	SW846 8260B	4.7	U	ug/kg	4.7	4.7	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Benzene	71-43-2	SW846 8260B	0.24	U	ug/kg	0.47	0.24	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Bromodichloromethane	75-27-4	SW846 8260B	0.47	U	ug/kg	1.9	0.47	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Bromoform	75-25-2	SW846 8260B	0.47	U	ug/kg	1.9	0.47	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Bromomethane	74-83-9	SW846 8260B	1.9	U	ug/kg	1.9	1.9	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	2-Butanone (MEK)	78-93-3	SW846 8260B	1.9	U	ug/kg	4.7	1.9	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Carbon disulfide	75-15-0	SW846 8260B	2.3	J	ug/kg	4.7	1.9	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Carbon tetrachloride	56-23-5	SW846 8260B	0.47	U	ug/kg	1.9	0.47	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Chlorobenzene	108-90-7	SW846 8260B	0.24	U	ug/kg	1.9	0.24	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Chloroethane	75-00-3	SW846 8260B	0.47	U	ug/kg	4.7	0.47	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Chloroform	67-66-3	SW846 8260B	0.47	U	ug/kg	1.9	0.47	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Chloromethane	74-87-3	SW846 8260B	1.9	U	ug/kg	4.7	1.9	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Dibromochloromethane	124-48-1	SW846 8260B	1.9	U	ug/kg	1.9	1.9	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	1,1-Dichloroethane	75-34-3	SW846 8260B	0.47	U	ug/kg	1.9	0.47	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	1,2-Dichloroethane	107-06-2	SW846 8260B	0.47	U	ug/kg	1.9	0.47	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	1,1-Dichloroethene	75-35-4	SW846 8260B	0.47	U	ug/kg	1.9	0.47	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	cis-1,2-Dichloroethene	156-59-2	SW846 8260B	0.47	U	ug/kg	1.9	0.47	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	trans-1,2-Dichloroethene	156-60-5	SW846 8260B	0.47	U	ug/kg	1.9	0.47	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	1,2-Dichloropropane	78-87-5	SW846 8260B	0.47	U	ug/kg	1.9	0.47	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	cis-1,3-Dichloropropene	10061-01-5	SW846 8260B	1.9	U	ug/kg	1.9	1.9	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	trans-1,3-Dichloropropene	10061-02-6	SW846 8260B	1.9	U	ug/kg	1.9	1.9	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Ethylbenzene	100-41-4	SW846 8260B	0.47	U	ug/kg	1.9	0.47	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	2-Hexanone	591-78-6	SW846 8260B	4.7	U	ug/kg	4.7	4.7	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	4-Methyl-2-pentanone (MIBK)	108-10-1	SW846 8260B	1.9	U	ug/kg	4.7	1.9	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Methylene chloride	75-09-2	SW846 8260B	0.47	U	ug/kg	1.9	0.47	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Styrene	100-42-5	SW846 8260B	0.47	U	ug/kg	4.7	0.47	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	1,1,2,2-Tetrachloroethane	79-34-5	SW846 8260B	0.47	U	ug/kg	1.9	0.47	-----	1	139799-WASTE-C-001	9/30/2011	10:45

LabLink Analytical Data Report
Kittery Maine Site 30 Disposal Samples 139799

Including: TCLP Maximum Contaminant Concentrations (40 CFR 261 6/96)

Sample	Parameter	Cas No.	Method	Result	Qual	Units	RL	LOD/MDL	TCLP Limit	DF	Client ID	Collected	Time
MC4194-2	Tetrachloroethene	127-18-4	SW846 8260B	0.47	U	ug/kg	1.9	0.47	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Toluene	108-88-3	SW846 8260B	0.47	U	ug/kg	4.7	0.47	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	1,1,1-Trichloroethane	71-55-6	SW846 8260B	0.47	U	ug/kg	1.9	0.47	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	1,1,2-Trichloroethane	79-00-5	SW846 8260B	0.47	U	ug/kg	1.9	0.47	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Trichloroethene	79-01-6	SW846 8260B	0.47	U	ug/kg	1.9	0.47	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Vinyl chloride	75-01-4	SW846 8260B	1.9	U	ug/kg	1.9	1.9	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Xylene (total)	1330-20-7	SW846 8260B	0.47	U	ug/kg	1.9	0.47	-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Dibromofluoromethane	1868-53-7	SW846 8260B	97		%			-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	Toluene-D8	2037-26-5	SW846 8260B	95		%			-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2	4-Bromofluorobenzene	460-00-4	SW846 8260B	101		%			-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	2,4-D	94-75-7	SW846 8151	0.0014	U	mg/l	0.010	0.0014	10	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	2,4,5-TP (Silvex)	93-72-1	SW846 8151	0.0013	U	mg/l	0.010	0.0013	1.0	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	gamma-BHC (Lindane)	58-89-9	SW846 8081	0.00025	U	mg/l	0.00050	0.00025	0.40	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	Chlordane	12789-03-6	SW846 8081	0.0050	U	mg/l	0.0050	0.0050	0.030	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	Endrin	72-20-8	SW846 8081	0.00025	U	mg/l	0.00050	0.00025	0.020	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	Heptachlor	76-44-8	SW846 8081	0.00025	U	mg/l	0.00050	0.00025	0.0080	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	Heptachlor epoxide	1024-57-3	SW846 8081	0.00025	U	mg/l	0.00050	0.00025	0.0080	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	Methoxychlor	72-43-5	SW846 8081	0.00025	U	mg/l	0.00050	0.00025	10	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	Toxaphene	8001-35-2	SW846 8081	0.0025	U	mg/l	0.025	0.0025	0.50	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	2,4-DCAA	19719-28-9	SW846 8151	98		%			-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	Tetrachloro-m-xylene	877-09-8	SW846 8081	74		%			-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	Tetrachloro-m-xylene	877-09-8	SW846 8081	71		%			-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	2,4-DCAA	19719-28-9	SW846 8151	101		%			-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	Decachlorobiphenyl	2051-24-3	SW846 8081	82		%			-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	Decachlorobiphenyl	2051-24-3	SW846 8081	72		%			-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	Arsenic	7440-38-2	SW846 6010C	0.0035	U	mg/l	0.010	0.0035	5.0	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	Barium	7440-39-3	SW846 6010C	0.15	J,Q	mg/l	0.50	0.0010	100	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	Cadmium	7440-43-9	SW846 6010C	0.0006	U	mg/l	0.0040	0.00060	1.0	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	Chromium	7440-47-3	SW846 6010C	0.0035	J	mg/l	0.010	0.0010	5.0	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	Lead	7439-92-1	SW846 6010C	0.0035	U	mg/l	0.010	0.0035	5.0	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	Mercury	7439-97-6	SW846 7470A	0.000058	U	mg/l	0.00020	0.000058	0.20	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	Selenium	7782-49-2	SW846 6010C	0.0035	U	mg/l	0.025	0.0035	1.0	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	Silver	7440-22-4	SW846 6010C	0.0010	U	mg/l	0.0050	0.0010	5.0	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	2-Methylphenol	95-48-7	SW846 8270C	0.020	U	mg/l	0.10	0.020	200	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	3&4-Methylphenol		SW846 8270C	0.010	U	mg/l	0.10	0.010	200	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	Pentachlorophenol	87-86-5	SW846 8270C	0.020	U	mg/l	0.10	0.020	100	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	2,4,5-Trichlorophenol	95-95-4	SW846 8270C	0.005	U	mg/l	0.10	0.0050	400	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	2,4,6-Trichlorophenol	88-06-2	SW846 8270C	0.0050	U	mg/l	0.10	0.0050	2.0	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	1,4-Dichlorobenzene	106-46-7	SW846 8270C	0.0050	U	mg/l	0.050	0.0050	7.5	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	2,4-Dinitrotoluene	121-14-2	SW846 8270C	0.020	U	mg/l	0.10	0.020	0.13	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	Hexachlorobenzene	118-74-1	SW846 8270C	0.0050	U	mg/l	0.050	0.0050	0.13	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	Hexachlorobutadiene	87-68-3	SW846 8270C	0.0050	U	mg/l	0.050	0.0050	0.50	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	Hexachloroethane	67-72-1	SW846 8270C	0.020	U	mg/l	0.050	0.020	3.0	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	Nitrobenzene	98-95-3	SW846 8270C	0.0050	U	mg/l	0.050	0.0050	2.0	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	Pyridine	110-86-1	SW846 8270C	0.050	U	mg/l	0.10	0.050	5.0	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	2-Fluorophenol	367-12-4	SW846 8270C	79		%			-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	Phenol-d5	4165-62-2	SW846 8270C	73		%			-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	2,4,6-Tribromophenol	118-79-6	SW846 8270C	85		%			-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	Nitrobenzene-d5	4165-60-0	SW846 8270C	82		%			-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	2-Fluorobiphenyl	321-60-8	SW846 8270C	82		%			-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	Terphenyl-d14	1718-51-0	SW846 8270C	85		%			-----	1	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	Benzene	71-43-2	SW846 8260B	0.046	U	mg/l	0.050	0.046	0.50	100	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	2-Butanone (MEK)	78-93-3	SW846 8260B	0.27	U	mg/l	0.50	0.27	200	100	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	Carbon tetrachloride	56-23-5	SW846 8260B	0.058	U	mg/l	0.10	0.058	0.50	100	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	Chlorobenzene	108-90-7	SW846 8260B	0.044	U	mg/l	0.10	0.044	100	100	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	Chloroform	67-66-3	SW846 8260B	0.058	U	mg/l	0.10	0.058	6.0	100	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	1,4-Dichlorobenzene	106-46-7	SW846 8260B	0.042	U	mg/l	0.10	0.042	7.5	100	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	1,2-Dichloroethane	107-06-2	SW846 8260B	0.044	U	mg/l	0.10	0.044	0.50	100	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	1,1-Dichloroethene	75-35-4	SW846 8260B	0.080	U	mg/l	0.10	0.080	0.70	100	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	Tetrachloroethene	127-18-4	SW846 8260B	0.036	U	mg/l	0.10	0.036	0.70	100	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	Trichloroethene	79-01-6	SW846 8260B	0.075	U	mg/l	0.10	0.075	0.50	100	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	Vinyl chloride	75-01-4	SW846 8260B	0.083	U	mg/l	0.10	0.083	0.20	100	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	Dibromofluoromethane	1868-53-7	SW846 8260B	91		%			-----	100	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	Toluene-D8	2037-26-5	SW846 8260B	91		%			-----	100	139799-WASTE-C-001	9/30/2011	10:45
MC4194-2A	4-Bromofluorobenzene	460-00-4	SW846 8260B	90		%			-----	100	139799-WASTE-C-001	9/30/2011	10:45

(a) Outside control limits due to possible matrix interference. Confirmed by reanalysis.
Found 0 results exceeding regulatory limits.
** Indicates result outside regulatory limits.

New England ACCUTEST LABORATORIES

10/24/11

Technical Report for

Global General Services

Kittery Maine Site 30 Disposal Samples

139799

Accutest Job Number: MC4539

Sampling Date: 10/11/11

Report to:

SHAW Environmental & Infrastructure
500 E. Main St. Suite 1630
Norfolk, VA 23510
natasha.sullivan@shawgrp.com

ATTN: Natasha Sullivan

Total number of pages in report: **132**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Reza Tand
Lab Director

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Accutest Laboratories

Sample Summary

Global General Services

Job No: MC4539

Kittery Maine Site 30 Disposal Samples
Project No: 139799

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
MC4539-1	10/11/11	09:55	JW	10/12/11	SO	Soil	139799-WASTE-S-002
MC4539-1A	10/11/11	09:55	JW	10/12/11	SO	Soil	139799-WASTE-S-002
MC4539-2	10/11/11	09:45	JW	10/12/11	SO	Solid	139799-WASTE-C-002
MC4539-2A	10/11/11	09:45	JW	10/12/11	SO	Solid	139799-WASTE-C-002

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:	Global General Services	**Job No**	MC4539
Site:	Kittery Maine Site 30 Disposal Samples	**Report Date**	10/24/2011 12:57:49 PM

2 Sample(s) were collected on 10/11/2011 and were received at Accutest on 10/12/2011 properly preserved, at 0.7 Deg. C and intact. These Samples received an Accutest job number of MC4539. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix AQ **Batch ID:** MSN2114

- All samples were analyzed within the recommended method holding time.
- MC4401-1MSD for Benzene, Carbon tetrachloride, Chlorobenzene, Chloroform, 1,4-Dichlorobenzene, Trichloroethene, 1,2-Dichloroethane, 1,1-Dichloroethene, Tetrachloroethene, Vinyl chloride: Outside control limits due to possible matrix interference. Refer to Blank Spike.
- RPD of MC4401-1MSD for Benzene, Carbon tetrachloride, Chlorobenzene, Chloroform, 1,4-Dichlorobenzene, Trichloroethene, 1,2-Dichloroethane, 1,1-Dichloroethene, Tetrachloroethene, Vinyl chloride: High RPD due to possible matrix interference and/or sample non-homogeneity.
- All method blanks for this batch meet method specific criteria.
- MC4401-1MS for Vinyl chloride: Outside control limits due to possible matrix interference. Refer to Blank Spike.

Matrix LEACHATE **Batch ID:** GP13647

- Sample(s) MC4465-1LS, MC4497-1LS, MC4465-1LS were used as the QC samples indicated.
- MC4539-1A, 2A: Sample analyzed by method SW846-8260C.
- GP13647-LS1, GP13647-LS2 for Vinyl chloride: Outside control limits due to possible matrix interference. Refer to Blank Spike.

Matrix SO **Batch ID:** MSV118

- All samples were analyzed within the recommended method holding time.
- Sample(s) MC4540-1MS, MC4540-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Blank Spike Recovery(s) for 2-Butanone (MEK), 2-Hexanone, 4-Methyl-2-pentanone (MIBK), Acetone are outside control limits. Blank Spike meets program technical requirements.
- Matrix Spike Recovery(s) for 2-Butanone (MEK), 2-Hexanone, 4-Methyl-2-pentanone (MIBK), Acetone are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.
- Matrix Spike Duplicate Recovery(s) for 2-Hexanone, 4-Methyl-2-pentanone (MIBK) are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.
- MC4539-1,2: Sample analyzed by method SW846-8260C.

Extractables by GCMS By Method SW846 8270C

Matrix LEACHATE	**Batch ID:** OP26652

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Sample(s) MC4292-4AMS, MC4292-4AMSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- MC4539-1A, 2A: Sample analyzed by method SW846-8270D.

Matrix SO	**Batch ID:** OP26653

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC4509-1MS, MC4509-1MSD were used as the QC samples indicated.
- Matrix Spike Recovery(s) for 3,3'-Dichlorobenzidine, 3-Nitroaniline, 4-Chloroaniline, Benzo(g,h,i)perylene, Dibenzo(a,h)anthracene, Hexachlorocyclopentadiene, Indeno(1,2,3-cd)pyrene are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.
- Matrix Spike Duplicate Recovery(s) for 3-Nitroaniline, 4-Chloroaniline, Hexachlorocyclopentadiene, 3,3'-Dichlorobenzidine, 4-Nitrophenol, Benzo(g,h,i)perylene are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.
- RPD(s) for MSD for 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 2,4-Dichlorophenol, 2,4-Dinitrophenol, 2-Nitrophenol, 3,3'-Dichlorobenzidine, 4,6-Dinitro-o-cresol, 4-Nitrophenol, Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Di-n-octyl phthalate, Dibenzo(a,h)anthracene, Indeno(1,2,3-cd)pyrene are outside control limits for sample OP26653-MSD. High RPD due to possible matrix interference and/or sample non-homogeneity.
- MC4539-1, 2: Sample analyzed by method SW846-8270D.

Volatiles by GC By Method SW846 8015

Matrix SO	**Batch ID:** GBH1350

- All samples were analyzed within the recommended method holding time.
- Sample(s) MC4561-1MS, MC4561-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Extractables by GC By Method SW846 8081

Matrix LEACHATE	**Batch ID:** OP26648

- Sample(s) MC4292-4AMS, MC4292-4AMSD were used as the QC samples indicated.
- Blank Spike Recovery(s) for Endrin, Heptachlor epoxide, Methoxychlor are outside control limits. Samples are non-detect for analyte.
- Matrix Spike Duplicate Recovery(s) for Endrin, Heptachlor epoxide, Methoxychlor are outside control limits. Outside control limits due to possible matrix interference.

Extractables by GC By Method SW846 8082

Matrix SO	**Batch ID:** OP26638

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC4539-1MS, MC4539-1MSD were used as the QC samples indicated.
- Matrix Spike Recovery(s) for Aroclor 1260 are outside control limits. Outside control limits due to possible matrix interference.

Extractables by GC By Method SW846 8151

Matrix LEACHATE	**Batch ID:** OP26649

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC4292-4AMS, MC4292-4AMSD were used as the QC samples indicated.
- MS/MSD Recovery(s) for 2,4,5-TP (Silvex) are outside control limits. Outside control limits due to possible matrix interference.

Extractables by GC By Method SW846-8015

Matrix SO	**Batch ID:** OP26657

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC4539-1MS, MC4539-1MSD were used as the QC samples indicated.
- RPD of OP26657-BSD for TPH-DRO (Semi-VOA): Range recovery satisfactory.

Metals By Method SW846 6010C

Matrix LEACHATE	**Batch ID:** MP17941

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC4497-1MS, MC4497-1MSD, MC4497-1PS, MC4497-1SDL were used as the QC samples for metals.
- RPD(s) for Serial Dilution for Cadmium, Chromium, Lead, Selenium are outside control limits for sample MP17941-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- MP17941-S1 for Selenium: Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.
- MP17941-SD1 for Barium: Serial Dilution RPD acceptable due to low duplicate and sample concentrations.
- ICSA from batch MA13532: Absolute value of concentration for Barium, Lead is greater than LOD. Q-flag for Barium, Lead were applied to associated samples (MC4539-1A ,2A).

Matrix SO	**Batch ID:** MP17938

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC4539-1MS, MC4539-1MSD, MC4539-1PS, MC4539-1SDL were used as the QC samples for metals.
- RPD(s) for Serial Dilution for Cadmium are outside control limits for sample MP17938-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- MC4539-1 for Chromium: Matrix spike recovery outside of the control limit.
- MP17938-S1 for Chromium: Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.
- ICSA from batch MA13534: Absolute value of concentration for Arsenic is greater than LOD. Q-flag for Arsenic were applied to associated samples (MC4539-1,2).

Metals By Method SW846 7470A

Matrix	LEACHATE	**Batch ID:**	MP17948

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC4497-1MS, MC4497-1MSD were used as the QC samples for metals.

Metals By Method SW846 7471B

Matrix	SO	**Batch ID:**	MP17942

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC4539-1MS, MC4539-1MSD were used as the QC samples for metals.

Wet Chemistry By Method SM21 2540 B MOD.

Matrix	SO	**Batch ID:**	GN36529

- Sample(s) MC4539-1DUP were used as the QC samples for Solids, Percent.

Wet Chemistry By Method SW846 1020

Matrix	SO	**Batch ID:**	GN36538

- Sample(s) MC4497-1DUP were used as the QC samples for Ignitability (Flashpoint).

Wet Chemistry By Method SW846 CHAP7

Matrix	SO	**Batch ID:**	GN36535

- Sample(s) MC4506-3DUP were used as the QC samples for Corrosivity as pH.

Matrix	SO	**Batch ID:**	GP13662

- All samples were distilled within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC4577-1DUP, MC4577-1MS were used as the QC samples for Cyanide Reactivity.

Matrix	SO	**Batch ID:**	GP13663

- All samples were distilled within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC4577-1DUP, MC4577-1MS were used as the QC samples for Sulfide Reactivity.

The Accutest Laboratories of New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety.The Accutest Laboratories of NE, Laboratory Director or assignee as verified by the signature on the cover page has authorized the release of this report(MC4539).

New England ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	139799-WASTE-S-002		
Lab Sample ID:	MC4539-1	**Date Sampled:**	10/11/11
Matrix:	SO - Soil	**Date Received:**	10/12/11
Method:	SW846 8260B	**Percent Solids:**	92.7
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	V2675.D	1	10/19/11	AMY	n/a	n/a	MSV118
Run #2							

	Initial Weight	Final Volume
Run #1	7.57 g	5.0 ml
Run #2		

VOA TCL List

CAS No.	Compound	Result	LOQ	LOD	Units	Q
67-64-1	Acetone	10.2	3.6	3.6	ug/kg	
71-43-2	Benzene	0.18 U	0.36	0.18	ug/kg	
75-27-4	Bromodichloromethane	0.36 U	1.4	0.36	ug/kg	
75-25-2	Bromoform	0.36 U	1.4	0.36	ug/kg	
74-83-9	Bromomethane	1.4 U	1.4	1.4	ug/kg	
78-93-3	2-Butanone (MEK)	1.4 U	3.6	1.4	ug/kg	
75-15-0	Carbon disulfide	13.9	3.6	1.4	ug/kg	
56-23-5	Carbon tetrachloride	0.36 U	1.4	0.36	ug/kg	
108-90-7	Chlorobenzene	0.18 U	1.4	0.18	ug/kg	
75-00-3	Chloroethane	0.36 U	3.6	0.36	ug/kg	
67-66-3	Chloroform	0.36 U	1.4	0.36	ug/kg	
74-87-3	Chloromethane	1.4 U	3.6	1.4	ug/kg	
124-48-1	Dibromochloromethane	1.4 U	1.4	1.4	ug/kg	
75-34-3	1,1-Dichloroethane	0.36 U	1.4	0.36	ug/kg	
107-06-2	1,2-Dichloroethane	0.36 U	1.4	0.36	ug/kg	
75-35-4	1,1-Dichloroethene	0.36 U	1.4	0.36	ug/kg	
156-59-2	cis-1,2-Dichloroethene	0.36 U	1.4	0.36	ug/kg	
156-60-5	trans-1,2-Dichloroethene	0.36 U	1.4	0.36	ug/kg	
78-87-5	1,2-Dichloropropane	0.36 U	1.4	0.36	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	1.4 U	1.4	1.4	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	1.4 U	1.4	1.4	ug/kg	
100-41-4	Ethylbenzene	0.80	1.4	0.36	ug/kg	J
591-78-6	2-Hexanone	3.6 U	3.6	3.6	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	1.4 U	3.6	1.4	ug/kg	
75-09-2	Methylene chloride	0.36 U	1.4	0.36	ug/kg	
100-42-5	Styrene	0.36 U	3.6	0.36	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	0.36 U	1.4	0.36	ug/kg	
127-18-4	Tetrachloroethene	0.36 U	1.4	0.36	ug/kg	
108-88-3	Toluene	2.7	3.6	0.36	ug/kg	J
71-55-6	1,1,1-Trichloroethane	0.36 U	1.4	0.36	ug/kg	
79-00-5	1,1,2-Trichloroethane	0.36 U	1.4	0.36	ug/kg	
79-01-6	Trichloroethene	0.36 U	1.4	0.36	ug/kg	

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-S-002		
Lab Sample ID:	MC4539-1	**Date Sampled:**	10/11/11
Matrix:	SO - Soil	**Date Received:**	10/12/11
Method:	SW846 8260B	**Percent Solids:**	92.7
Project:	Kittery Maine Site 30 Disposal Samples		

VOA TCL List

CAS No.	Compound	Result	LOQ	LOD	Units	Q
75-01-4	Vinyl chloride	1.4 U	1.4	1.4	ug/kg	
1330-20-7	Xylene (total)	3.0	1.4	0.36	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		70-130%
2037-26-5	Toluene-D8	102%		70-130%
460-00-4	4-Bromofluorobenzene	100%		70-130%

(a) Sample analyzed by method SW846-8260C.

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-S-002		
Lab Sample ID:	MC4539-1	**Date Sampled:**	10/11/11
Matrix:	SO - Soil	**Date Received:**	10/12/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	92.7
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	U2904.D	1	10/21/11	KR	10/19/11	OP26653	MSU177
Run #2							

	Initial Weight	Final Volume
Run #1	20.6 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	LOQ	LOD	Units	Q
95-57-8	2-Chlorophenol	14 U	260	14	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	18 U	520	18	ug/kg	
120-83-2	2,4-Dichlorophenol	31 U	520	31	ug/kg	
105-67-9	2,4-Dimethylphenol	52 U	520	52	ug/kg	
51-28-5	2,4-Dinitrophenol	260 U	1000	260	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	260 U	520	260	ug/kg	
95-48-7	2-Methylphenol	15 U	520	15	ug/kg	
	3&4-Methylphenol	28 U	520	28	ug/kg	
88-75-5	2-Nitrophenol	31 U	520	31	ug/kg	
100-02-7	4-Nitrophenol	260 U	1000	260	ug/kg	
87-86-5	Pentachlorophenol	49 U	520	49	ug/kg	
108-95-2	Phenol	43 U	260	43	ug/kg	
95-95-4	2,4,5-Trichlorophenol	39 U	520	39	ug/kg	
88-06-2	2,4,6-Trichlorophenol	36 U	520	36	ug/kg	
83-32-9	Acenaphthene	22 U	260	22	ug/kg	
208-96-8	Acenaphthylene	20 U	260	20	ug/kg	
120-12-7	Anthracene	21 U	260	21	ug/kg	
56-55-3	Benzo(a)anthracene	9.6 U	260	9.6	ug/kg	
50-32-8	Benzo(a)pyrene	16 U	260	16	ug/kg	
205-99-2	Benzo(b)fluoranthene	31 U	260	31	ug/kg	
191-24-2	Benzo(g,h,i)perylene	17 U	260	17	ug/kg	
207-08-9	Benzo(k)fluoranthene	7.7 U	260	7.7	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	21 U	260	21	ug/kg	
85-68-7	Butyl benzyl phthalate	11 U	260	11	ug/kg	
91-58-7	2-Chloronaphthalene	22 U	260	22	ug/kg	
106-47-8	4-Chloroaniline	130 U	520	130	ug/kg	
86-74-8	Carbazole	21 U	260	21	ug/kg	
218-01-9	Chrysene	11.4	260	8.5	ug/kg	J
111-91-1	bis(2-Chloroethoxy)methane	20 U	260	20	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	5.6 U	260	5.6	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	25 U	260	25	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	23 U	260	23	ug/kg	

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-S-002		
Lab Sample ID:	MC4539-1	**Date Sampled:**	10/11/11
Matrix:	SO - Soil	**Date Received:**	10/12/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	92.7
Project:	Kittery Maine Site 30 Disposal Samples		

ABN TCL List

CAS No.	Compound	Result	LOQ	LOD	Units	Q
95-50-1	1,2-Dichlorobenzene	21 U	260	21	ug/kg	
541-73-1	1,3-Dichlorobenzene	22 U	260	22	ug/kg	
106-46-7	1,4-Dichlorobenzene	22 U	260	22	ug/kg	
121-14-2	2,4-Dinitrotoluene	130 U	520	130	ug/kg	
606-20-2	2,6-Dinitrotoluene	25 U	520	25	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	6.3 U	260	6.3	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	17 U	260	17	ug/kg	
132-64-9	Dibenzofuran	22 U	260	22	ug/kg	
84-74-2	Di-n-butyl phthalate	24 U	260	24	ug/kg	
117-84-0	Di-n-octyl phthalate	14 U	260	14	ug/kg	
84-66-2	Diethyl phthalate	23 U	260	23	ug/kg	
131-11-3	Dimethyl phthalate	18 U	260	18	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	95.3	260	18	ug/kg	J
206-44-0	Fluoranthene	18.1	260	8.9	ug/kg	J
86-73-7	Fluorene	5.8 U	260	5.8	ug/kg	
118-74-1	Hexachlorobenzene	23 U	260	23	ug/kg	
87-68-3	Hexachlorobutadiene	21 U	260	21	ug/kg	
77-47-4	Hexachlorocyclopentadiene	3.5 U	520	3.5	ug/kg	
67-72-1	Hexachloroethane	21 U	260	21	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	16 U	260	16	ug/kg	
78-59-1	Isophorone	26 U	260	26	ug/kg	
91-57-6	2-Methylnaphthalene	22 U	260	22	ug/kg	
88-74-4	2-Nitroaniline	130 U	520	130	ug/kg	
99-09-2	3-Nitroaniline	130 U	520	130	ug/kg	
100-01-6	4-Nitroaniline	19 U	520	19	ug/kg	
91-20-3	Naphthalene	6.1 U	260	6.1	ug/kg	
98-95-3	Nitrobenzene	7.7 U	260	7.7	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	17 U	260	17	ug/kg	
86-30-6	N-Nitrosodiphenylamine	14 U	260	14	ug/kg	
85-01-8	Phenanthrene	12.9	260	6.7	ug/kg	J
129-00-0	Pyrene	17.2	260	8.4	ug/kg	J
120-82-1	1,2,4-Trichlorobenzene	23 U	260	23	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	52%		30-130%
4165-62-2	Phenol-d5	49%		30-130%
118-79-6	2,4,6-Tribromophenol	75%		30-130%
4165-60-0	Nitrobenzene-d5	54%		30-130%
321-60-8	2-Fluorobiphenyl	67%		30-130%

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-S-002		
Lab Sample ID:	MC4539-1	**Date Sampled:**	10/11/11
Matrix:	SO - Soil	**Date Received:**	10/12/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	92.7
Project:	Kittery Maine Site 30 Disposal Samples		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	72%		30-130%

(a) Sample analyzed by method SW846-8270D.

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-S-002		
Lab Sample ID:	MC4539-1	**Date Sampled:**	10/11/11
Matrix:	SO - Soil	**Date Received:**	10/12/11
Method:	SW846 8015	**Percent Solids:**	92.7
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BH24567.D	1	10/14/11	WS	n/a	n/a	GBH1350
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	6.50 g	10.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	LOQ	LOD	Units	Q
	TPH-GRO (VOA)	1.7 U	8.7	1.7 [a]	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
615-59-8	2,5-Dibromotoluene	89%		36-148%

(a) Value reported is laboratory DL (MDL).

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-S-002		
Lab Sample ID:	MC4539-1	**Date Sampled:**	10/11/11
Matrix:	SO - Soil	**Date Received:**	10/12/11
Method:	SW846 8082 SW846 3545	**Percent Solids:**	92.7
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK6655.D	1	10/19/11	PN	10/18/11	OP26638	GBK278
Run #2							

	Initial Weight	Final Volume
Run #1	15.1 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	LOQ	LOD	Units	Q
12674-11-2	Aroclor 1016	36 U	110	36	ug/kg	
11104-28-2	Aroclor 1221	36 U	110	36	ug/kg	
11141-16-5	Aroclor 1232	36 U	110	36	ug/kg	
53469-21-9	Aroclor 1242	7.2 U	110	7.2	ug/kg	
12672-29-6	Aroclor 1248	7.1 U	110	7.1	ug/kg	
11097-69-1	Aroclor 1254	148	110	36	ug/kg	
11096-82-5	Aroclor 1260	7.1 U	110	7.1	ug/kg	
1336-36-3	Total PCBs	148	110	7.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	99%		30-150%
877-09-8	Tetrachloro-m-xylene	97%		30-150%
2051-24-3	Decachlorobiphenyl	89%		30-150%
2051-24-3	Decachlorobiphenyl	66%		30-150%

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-S-002		
Lab Sample ID:	MC4539-1	**Date Sampled:**	10/11/11
Matrix:	SO - Soil	**Date Received:**	10/12/11
Method:	SW846-8015 SW846 3546	**Percent Solids:**	92.7
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BC55319.D	1	10/21/11	KD	10/19/11	OP26657	GBC2638
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	1.0 ml
Run #2		

CAS No.	Compound	Result	LOQ	LOD	Units	Q
	TPH-DRO (Semi-VOA)	26.4	18	13	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	68%		40-140%

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-S-002		
Lab Sample ID:	MC4539-1	**Date Sampled:**	10/11/11
Matrix:	SO - Soil	**Date Received:**	10/12/11
		Percent Solids:	92.7
Project:	Kittery Maine Site 30 Disposal Samples		

Metals Analysis

Analyte	Result	LOQ	LOD	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	14.5 Q	0.86	0.12	mg/kg	1	10/14/11	10/17/11	DA	SW846 6010C [2]	SW846 3050B [3]
Cadmium	0.19 J	0.35	0.052	mg/kg	1	10/14/11	10/17/11	DA	SW846 6010C [2]	SW846 3050B [3]
Chromium [a]	36.2 J	0.86	0.12	mg/kg	1	10/14/11	10/17/11	DA	SW846 6010C [2]	SW846 3050B [3]
Lead	48.4	0.86	0.30	mg/kg	1	10/14/11	10/17/11	DA	SW846 6010C [2]	SW846 3050B [3]
Mercury	0.036	0.032	0.011	mg/kg	1	10/15/11	10/17/11	MA	SW846 7471B [1]	SW846 7471B [4]

(1) Instrument QC Batch: MA13521
(2) Instrument QC Batch: MA13534
(3) Prep QC Batch: MP17938
(4) Prep QC Batch: MP17942

(a) Matrix spike recovery outside of the control limit.

LOQ = Limit of Quantitation
LOD = Limit of Detection

U = Indicates a result < LOD
J = Indicates a result > = LOD but < LOQ

Report of Analysis

Client Sample ID:	139799-WASTE-S-002		
Lab Sample ID:	MC4539-1	**Date Sampled:**	10/11/11
Matrix:	SO - Soil	**Date Received:**	10/12/11
		Percent Solids:	92.7
Project:	Kittery Maine Site 30 Disposal Samples		

General Chemistry

Analyte	Result	LOQ	LOD	Units	DF	Analyzed	By	Method
Corrosivity as pH	3.9				1	10/13/11	MA	SW846 CHAP7
Cyanide Reactivity	1.6 U	1.6	1.6	mg/kg	1	10/17/11	BF	SW846 CHAP7
Ignitability (Flashpoint)	> 230			Deg. F	1	10/13/11	BF	SW846 1020
Solids, Percent	92.7			%	1	10/13/11	HS	SM21 2540 B MOD.
Sulfide Reactivity	54 U	54	54	mg/kg	1	10/17/11	BF	SW846 CHAP7

LOQ = Limit of Quantitation
LOD = Limit of Detection

U = Indicates a result < LOD
J = Indicates a result > = LOD but < LOQ

Report of Analysis

Client Sample ID:	139799-WASTE-S-002		
Lab Sample ID:	MC4539-1A	**Date Sampled:**	10/11/11
Matrix:	SO - Soil	**Date Received:**	10/12/11
Method:	SW846 8260B SW846 1311	**Percent Solids:**	92.7
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	N56348.D	100	10/19/11	EK	10/13/11	GP13647	MSN2114
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	LOQ	LOD	Units	Q
71-43-2	Benzene	0.0534	D018	0.50	0.050	0.050	mg/l	
78-93-3	2-Butanone (MEK)	0.50 U	D035	200	0.50	0.50	mg/l	
56-23-5	Carbon tetrachloride	0.10 U	D019	0.50	0.10	0.10	mg/l	
108-90-7	Chlorobenzene	0.10 U	D021	100	0.10	0.10	mg/l	
67-66-3	Chloroform	0.10 U	D022	6.0	0.10	0.10	mg/l	
106-46-7	1,4-Dichlorobenzene	0.10 U	D027	7.5	0.10	0.10	mg/l	
107-06-2	1,2-Dichloroethane	0.10 U	D028	0.50	0.10	0.10	mg/l	
75-35-4	1,1-Dichloroethene	0.10 U	D029	0.70	0.10	0.10	mg/l	
127-18-4	Tetrachloroethene	0.10 U	D039	0.70	0.10	0.10	mg/l	
79-01-6	Trichloroethene	0.10 U	D040	0.50	0.10	0.10	mg/l	
75-01-4	Vinyl chloride	0.10 U	D043	0.20	0.10	0.10	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	87%		70-130%
2037-26-5	Toluene-D8	95%		70-130%
460-00-4	4-Bromofluorobenzene	86%		70-130%

(a) Sample analyzed by method SW846-8260C.

U = Not detected LOD - Limit of Detection
MCL = Maximum Contamination Level (40 CFR 261 6/96)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-S-002		
Lab Sample ID:	MC4539-1A	**Date Sampled:**	10/11/11
Matrix:	SO - Soil	**Date Received:**	10/12/11
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	92.7
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	U2922.D	1	10/21/11	KR	10/19/11	OP26652	MSU178
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	1.0 ml
Run #2		

ABN TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	LOQ	LOD	Units	Q
95-48-7	2-Methylphenol	0.020 U	D023	200	0.10	0.020	mg/l	
	3&4-Methylphenol	0.010 U	D024	200	0.10	0.010	mg/l	
87-86-5	Pentachlorophenol	0.020 U	D037	100	0.10	0.020	mg/l	
95-95-4	2,4,5-Trichlorophenol	0.0050 U	D041	400	0.10	0.0050	mg/l	
88-06-2	2,4,6-Trichlorophenol	0.0050 U	D042	2.0	0.10	0.0050	mg/l	
106-46-7	1,4-Dichlorobenzene	0.0050 U	D027	7.5	0.050	0.0050	mg/l	
121-14-2	2,4-Dinitrotoluene	0.020 U	D030	0.13	0.10	0.020	mg/l	
118-74-1	Hexachlorobenzene	0.0050 U	D032	0.13	0.050	0.0050	mg/l	
87-68-3	Hexachlorobutadiene	0.0050 U	D033	0.50	0.050	0.0050	mg/l	
67-72-1	Hexachloroethane	0.020 U	D034	3.0	0.050	0.020	mg/l	
98-95-3	Nitrobenzene	0.0050 U	D036	2.0	0.050	0.0050	mg/l	
110-86-1	Pyridine	0.050 U	D038	5.0	0.10	0.050	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	82%		15-110%
4165-62-2	Phenol-d5	78%		15-110%
118-79-6	2,4,6-Tribromophenol	105%		15-110%
4165-60-0	Nitrobenzene-d5	84%		30-130%
321-60-8	2-Fluorobiphenyl	92%		30-130%
1718-51-0	Terphenyl-d14	108%		30-130%

(a) Sample analyzed by method SW846-8270D.

U = Not detected LOD - Limit of Detection
MCL = Maximum Contamination Level (40 CFR 261 6/96)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-S-002		
Lab Sample ID:	MC4539-1A	**Date Sampled:**	10/11/11
Matrix:	SO - Soil	**Date Received:**	10/12/11
Method:	SW846 8151 SW846 3510C	**Percent Solids:**	92.7
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK6735.D	1	10/21/11	AP	10/19/11	OP26649	GBK281
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	5.0 ml
Run #2		

Herbicide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	LOQ	LOD	Units	Q
94-75-7	2,4-D	0.0014 U	D016	10	0.010	0.0014	mg/l	
93-72-1	2,4,5-TP (Silvex)	0.0013 U	D017	1.0	0.010	0.0013	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	95%		30-150%
19719-28-9	2,4-DCAA	91%		30-150%

U = Not detected LOD - Limit of Detection
MCL = Maximum Contamination Level (40 CFR 261 6/96)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-S-002		
Lab Sample ID:	MC4539-1A	**Date Sampled:**	10/11/11
Matrix:	SO - Soil	**Date Received:**	10/12/11
Method:	SW846 8081 SW846 3510C	**Percent Solids:**	92.7
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YZ68619.D	1	10/20/11	CZ	10/19/11	OP26648	GYZ6547
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	5.0 ml
Run #2		

Pesticide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	LOQ	LOD	Units	Q
58-89-9	gamma-BHC (Lindane)	0.00025 U	D013	0.40	0.00050	0.00025	mg/l	
12789-03-6	Chlordane	0.0050 U	D020	0.030	0.0050	0.0050	mg/l	
72-20-8	Endrin	0.00025 U	D012	0.020	0.00050	0.00025	mg/l	
76-44-8	Heptachlor	0.00025 U	D031	0.0080	0.00050	0.00025	mg/l	
1024-57-3	Heptachlor epoxide	0.00025 U	D031	0.0080	0.00050	0.00025	mg/l	
72-43-5	Methoxychlor	0.00025 U	D014	10	0.00050	0.00025	mg/l	
8001-35-2	Toxaphene	0.0025 U	D015	0.50	0.025	0.0025	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	114%		30-150%
877-09-8	Tetrachloro-m-xylene	103%		30-150%
2051-24-3	Decachlorobiphenyl	129%		30-150%
2051-24-3	Decachlorobiphenyl	120%		30-150%

U = Not detected LOD - Limit of Detection
MCL = Maximum Contamination Level (40 CFR 261 6/96)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-S-002		
Lab Sample ID:	MC4539-1A	**Date Sampled:**	10/11/11
Matrix:	SO - Soil	**Date Received:**	10/12/11
		Percent Solids:	92.7
Project:	Kittery Maine Site 30 Disposal Samples		

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	LOQ	LOD	Units	DF	Prep	Analyzed	By	Method
Arsenic	0.0035 U	D004	5.0	0.010	0.0035	mg/l	1	10/14/11	10/16/11	SA	SW846 6010C [2]
Barium	0.092 J,Q	D005	100	0.50	0.0010	mg/l	1	10/14/11	10/16/11	SA	SW846 6010C [2]
Cadmium	0.0035 J	D006	1.0	0.0040	0.00060	mg/l	1	10/14/11	10/16/11	SA	SW846 6010C [2]
Chromium	0.0044 J	D007	5.0	0.010	0.0010	mg/l	1	10/14/11	10/16/11	SA	SW846 6010C [2]
Lead	0.037 Q	D008	5.0	0.010	0.0035	mg/l	1	10/14/11	10/16/11	SA	SW846 6010C [2]
Mercury	0.000058 U	D009	0.20	0.00020	0.000058	mg/l	1	10/15/11	10/17/11	MA	SW846 7470A [1]
Selenium	0.0054 J	D010	1.0	0.025	0.0035	mg/l	1	10/14/11	10/16/11	SA	SW846 6010C [2]
Silver	0.0010 U	D011	5.0	0.0050	0.0010	mg/l	1	10/14/11	10/16/11	SA	SW846 6010C [2]

(1) Instrument QC Batch: MA13527
(2) Instrument QC Batch: MA13532
(3) Prep QC Batch: MP17941
(4) Prep QC Batch: MP17948

LOQ = Limit of Quantitation LOD = Limit of Detection U = Indicates a result < LOD
MCL = Maximum Contamination Level (40 CFR 261 6/96) J = Indicates a result > = LOD but < LOQ

Report of Analysis

Client Sample ID:	139799-WASTE-C-002		
Lab Sample ID:	MC4539-2	**Date Sampled:**	10/11/11
Matrix:	SO - Solid	**Date Received:**	10/12/11
Method:	SW846 8260B	**Percent Solids:**	97.1
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	V2676.D	1	10/19/11	AMY	n/a	n/a	MSV118
Run #2							

	Initial Weight	Final Volume
Run #1	5.90 g	5.0 ml
Run #2		

VOA TCL List

CAS No.	Compound	Result	LOQ	LOD	Units	Q
67-64-1	Acetone	16.1	4.4	4.4	ug/kg	
71-43-2	Benzene	0.22 U	0.44	0.22	ug/kg	
75-27-4	Bromodichloromethane	0.44 U	1.7	0.44	ug/kg	
75-25-2	Bromoform	0.44 U	1.7	0.44	ug/kg	
74-83-9	Bromomethane	1.7 U	1.7	1.7	ug/kg	
78-93-3	2-Butanone (MEK)	1.7 U	4.4	1.7	ug/kg	
75-15-0	Carbon disulfide	1.7 U	4.4	1.7	ug/kg	
56-23-5	Carbon tetrachloride	0.44 U	1.7	0.44	ug/kg	
108-90-7	Chlorobenzene	0.22 U	1.7	0.22	ug/kg	
75-00-3	Chloroethane	0.44 U	4.4	0.44	ug/kg	
67-66-3	Chloroform	0.44 U	1.7	0.44	ug/kg	
74-87-3	Chloromethane	1.7 U	4.4	1.7	ug/kg	
124-48-1	Dibromochloromethane	1.7 U	1.7	1.7	ug/kg	
75-34-3	1,1-Dichloroethane	0.44 U	1.7	0.44	ug/kg	
107-06-2	1,2-Dichloroethane	0.44 U	1.7	0.44	ug/kg	
75-35-4	1,1-Dichloroethene	0.44 U	1.7	0.44	ug/kg	
156-59-2	cis-1,2-Dichloroethene	0.44 U	1.7	0.44	ug/kg	
156-60-5	trans-1,2-Dichloroethene	0.44 U	1.7	0.44	ug/kg	
78-87-5	1,2-Dichloropropane	0.44 U	1.7	0.44	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	1.7 U	1.7	1.7	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	1.7 U	1.7	1.7	ug/kg	
100-41-4	Ethylbenzene	0.57	1.7	0.44	ug/kg	J
591-78-6	2-Hexanone	4.4 U	4.4	4.4	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	1.7 U	4.4	1.7	ug/kg	
75-09-2	Methylene chloride	0.44 U	1.7	0.44	ug/kg	
100-42-5	Styrene	0.44 U	4.4	0.44	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	0.44 U	1.7	0.44	ug/kg	
127-18-4	Tetrachloroethene	0.44 U	1.7	0.44	ug/kg	
108-88-3	Toluene	2.2	4.4	0.44	ug/kg	J
71-55-6	1,1,1-Trichloroethane	0.44 U	1.7	0.44	ug/kg	
79-00-5	1,1,2-Trichloroethane	0.44 U	1.7	0.44	ug/kg	
79-01-6	Trichloroethene	0.44 U	1.7	0.44	ug/kg	

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-C-002		
Lab Sample ID:	MC4539-2	**Date Sampled:**	10/11/11
Matrix:	SO - Solid	**Date Received:**	10/12/11
Method:	SW846 8260B	**Percent Solids:**	97.1
Project:	Kittery Maine Site 30 Disposal Samples		

VOA TCL List

CAS No.	Compound	Result	LOQ	LOD	Units	Q
75-01-4	Vinyl chloride	1.7 U	1.7	1.7	ug/kg	
1330-20-7	Xylene (total)	2.0	1.7	0.44	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		70-130%
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	98%		70-130%

(a) Sample analyzed by method SW846-8260C.

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-C-002		
Lab Sample ID:	MC4539-2	**Date Sampled:**	10/11/11
Matrix:	SO - Solid	**Date Received:**	10/12/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	97.1
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	U2905.D	1	10/21/11	KR	10/19/11	OP26653	MSU177
Run #2							

	Initial Weight	Final Volume
Run #1	20.9 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	LOQ	LOD	Units	Q
95-57-8	2-Chlorophenol	13 U	250	13	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	17 U	490	17	ug/kg	
120-83-2	2,4-Dichlorophenol	29 U	490	29	ug/kg	
105-67-9	2,4-Dimethylphenol	49 U	490	49	ug/kg	
51-28-5	2,4-Dinitrophenol	250 U	990	250	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	250 U	490	250	ug/kg	
95-48-7	2-Methylphenol	14 U	490	14	ug/kg	
	3&4-Methylphenol	26 U	490	26	ug/kg	
88-75-5	2-Nitrophenol	30 U	490	30	ug/kg	
100-02-7	4-Nitrophenol	250 U	990	250	ug/kg	
87-86-5	Pentachlorophenol	46 U	490	46	ug/kg	
108-95-2	Phenol	41 U	250	41	ug/kg	
95-95-4	2,4,5-Trichlorophenol	37 U	490	37	ug/kg	
88-06-2	2,4,6-Trichlorophenol	34 U	490	34	ug/kg	
83-32-9	Acenaphthene	21 U	250	21	ug/kg	
208-96-8	Acenaphthylene	18 U	250	18	ug/kg	
120-12-7	Anthracene	19 U	250	19	ug/kg	
56-55-3	Benzo(a)anthracene	9.1 U	250	9.1	ug/kg	
50-32-8	Benzo(a)pyrene	15 U	250	15	ug/kg	
205-99-2	Benzo(b)fluoranthene	29 U	250	29	ug/kg	
191-24-2	Benzo(g,h,i)perylene	16 U	250	16	ug/kg	
207-08-9	Benzo(k)fluoranthene	7.3 U	250	7.3	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	20 U	250	20	ug/kg	
85-68-7	Butyl benzyl phthalate	11 U	250	11	ug/kg	
91-58-7	2-Chloronaphthalene	21 U	250	21	ug/kg	
106-47-8	4-Chloroaniline	120 U	490	120	ug/kg	
86-74-8	Carbazole	19 U	250	19	ug/kg	
218-01-9	Chrysene	8.0 U	250	8.0	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	19 U	250	19	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	5.3 U	250	5.3	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	23 U	250	23	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	22 U	250	22	ug/kg	

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-C-002		
Lab Sample ID:	MC4539-2	**Date Sampled:**	10/11/11
Matrix:	SO - Solid	**Date Received:**	10/12/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	97.1
Project:	Kittery Maine Site 30 Disposal Samples		

ABN TCL List

CAS No.	Compound	Result	LOQ	LOD	Units	Q
95-50-1	1,2-Dichlorobenzene	20 U	250	20	ug/kg	
541-73-1	1,3-Dichlorobenzene	21 U	250	21	ug/kg	
106-46-7	1,4-Dichlorobenzene	20 U	250	20	ug/kg	
121-14-2	2,4-Dinitrotoluene	120 U	490	120	ug/kg	
606-20-2	2,6-Dinitrotoluene	24 U	490	24	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	5.9 U	250	5.9	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	16 U	250	16	ug/kg	
132-64-9	Dibenzofuran	21 U	250	21	ug/kg	
84-74-2	Di-n-butyl phthalate	22 U	250	22	ug/kg	
117-84-0	Di-n-octyl phthalate	13 U	250	13	ug/kg	
84-66-2	Diethyl phthalate	21 U	250	21	ug/kg	
131-11-3	Dimethyl phthalate	17 U	250	17	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	174	250	17	ug/kg	J
206-44-0	Fluoranthene	8.4 U	250	8.4	ug/kg	
86-73-7	Fluorene	5.4 U	250	5.4	ug/kg	
118-74-1	Hexachlorobenzene	21 U	250	21	ug/kg	
87-68-3	Hexachlorobutadiene	19 U	250	19	ug/kg	
77-47-4	Hexachlorocyclopentadiene	3.3 U	490	3.3	ug/kg	
67-72-1	Hexachloroethane	20 U	250	20	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	15 U	250	15	ug/kg	
78-59-1	Isophorone	24 U	250	24	ug/kg	
91-57-6	2-Methylnaphthalene	21 U	250	21	ug/kg	
88-74-4	2-Nitroaniline	120 U	490	120	ug/kg	
99-09-2	3-Nitroaniline	120 U	490	120	ug/kg	
100-01-6	4-Nitroaniline	18 U	490	18	ug/kg	
91-20-3	Naphthalene	5.7 U	250	5.7	ug/kg	
98-95-3	Nitrobenzene	7.3 U	250	7.3	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	16 U	250	16	ug/kg	
86-30-6	N-Nitrosodiphenylamine	13 U	250	13	ug/kg	
85-01-8	Phenanthrene	50.9	250	6.4	ug/kg	J
129-00-0	Pyrene	31.8	250	7.9	ug/kg	J
120-82-1	1,2,4-Trichlorobenzene	21 U	250	21	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	53%		30-130%
4165-62-2	Phenol-d5	49%		30-130%
118-79-6	2,4,6-Tribromophenol	69%		30-130%
4165-60-0	Nitrobenzene-d5	57%		30-130%
321-60-8	2-Fluorobiphenyl	72%		30-130%

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-C-002		
Lab Sample ID:	MC4539-2	**Date Sampled:**	10/11/11
Matrix:	SO - Solid	**Date Received:**	10/12/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	97.1
Project:	Kittery Maine Site 30 Disposal Samples		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	73%		30-130%

(a) Sample analyzed by method SW846-8270D.

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-C-002		
Lab Sample ID:	MC4539-2	**Date Sampled:**	10/11/11
Matrix:	SO - Solid	**Date Received:**	10/12/11
Method:	SW846 8015	**Percent Solids:**	97.1
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BH24566.D	1	10/14/11	WS	n/a	n/a	GBH1350
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.28 g	10.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	LOQ	LOD	Units	Q
	TPH-GRO (VOA)	1.9 U	9.9	1.9 [a]	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
615-59-8	2,5-Dibromotoluene	87%		36-148%

(a) Value reported is laboratory DL (MDL).

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-C-002		
Lab Sample ID:	MC4539-2	**Date Sampled:**	10/11/11
Matrix:	SO - Solid	**Date Received:**	10/12/11
Method:	SW846 8082 SW846 3545	**Percent Solids:**	97.1
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK6665.D	1	10/20/11	PN	10/18/11	OP26638	GBK278
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	LOQ	LOD	Units	Q
12674-11-2	Aroclor 1016	34 U	100	34	ug/kg	
11104-28-2	Aroclor 1221	34 U	100	34	ug/kg	
11141-16-5	Aroclor 1232	34 U	100	34	ug/kg	
53469-21-9	Aroclor 1242	6.9 U	100	6.9	ug/kg	
12672-29-6	Aroclor 1248	6.8 U	100	6.8	ug/kg	
11097-69-1	Aroclor 1254	130	100	34	ug/kg	
11096-82-5	Aroclor 1260	6.8 U	100	6.8	ug/kg	
1336-36-3	Total PCBs	130	100	6.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	88%		30-150%
877-09-8	Tetrachloro-m-xylene	87%		30-150%
2051-24-3	Decachlorobiphenyl	79%		30-150%
2051-24-3	Decachlorobiphenyl	62%		30-150%

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-C-002		
Lab Sample ID:	MC4539-2	**Date Sampled:**	10/11/11
Matrix:	SO - Solid	**Date Received:**	10/12/11
Method:	SW846-8015 SW846 3546	**Percent Solids:**	97.1
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BC55321.D	1	10/21/11	KD	10/19/11	OP26657	GBC2638
Run #2							

	Initial Weight	Final Volume
Run #1	15.7 g	1.0 ml
Run #2		

CAS No.	Compound	Result	LOQ	LOD	Units	Q
	TPH-DRO (Semi-VOA)	355	16	12	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	78%		40-140%

U = Not detected LOD - Limit of Detection
LOQ = Limit of Quantitation
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-C-002		
Lab Sample ID:	MC4539-2	**Date Sampled:**	10/11/11
Matrix:	SO - Solid	**Date Received:**	10/12/11
		Percent Solids:	97.1
Project:	Kittery Maine Site 30 Disposal Samples		

Metals Analysis

Analyte	Result	LOQ	LOD	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	0.64 J,Q	0.90	0.13	mg/kg	1	10/14/11	10/17/11	DA	SW846 6010C [2]	SW846 3050B [3]
Cadmium	0.054 U	0.36	0.054	mg/kg	1	10/14/11	10/17/11	DA	SW846 6010C [2]	SW846 3050B [3]
Chromium	4.1	0.90	0.13	mg/kg	1	10/14/11	10/17/11	DA	SW846 6010C [2]	SW846 3050B [3]
Lead	35.5	0.90	0.31	mg/kg	1	10/14/11	10/17/11	DA	SW846 6010C [2]	SW846 3050B [3]
Mercury	0.029 J	0.032	0.011	mg/kg	1	10/15/11	10/17/11	MA	SW846 7471B [1]	SW846 7471B [4]

(1) Instrument QC Batch: MA13521
(2) Instrument QC Batch: MA13534
(3) Prep QC Batch: MP17938
(4) Prep QC Batch: MP17942

LOQ = Limit of Quantitation
LOD = Limit of Detection

U = Indicates a result < LOD
J = Indicates a result > = LOD but < LOQ

Report of Analysis

Client Sample ID:	139799-WASTE-C-002		
Lab Sample ID:	MC4539-2	**Date Sampled:**	10/11/11
Matrix:	SO - Solid	**Date Received:**	10/12/11
		Percent Solids:	97.1
Project:	Kittery Maine Site 30 Disposal Samples		

General Chemistry

Analyte	Result	LOQ	LOD	Units	DF	Analyzed	By	Method
Corrosivity as pH	4.0				1	10/13/11	MA	SW846 CHAP7
Cyanide Reactivity	1.5 U	1.5	1.5	mg/kg	1	10/17/11	BF	SW846 CHAP7
Ignitability (Flashpoint)	> 230			Deg. F	1	10/13/11	BF	SW846 1020
Solids, Percent	97.1			%	1	10/13/11	HS	SM21 2540 B MOD.
Sulfide Reactivity	51 U	51	51	mg/kg	1	10/17/11	BF	SW846 CHAP7

LOQ = Limit of Quantitation
LOD = Limit of Detection

U = Indicates a result < LOD
J = Indicates a result > = LOD but < LOQ

Report of Analysis

Client Sample ID:	139799-WASTE-C-002		
Lab Sample ID:	MC4539-2A	**Date Sampled:**	10/11/11
Matrix:	SO - Solid	**Date Received:**	10/12/11
Method:	SW846 8260B SW846 1311	**Percent Solids:**	97.1
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	N56349.D	100	10/19/11	EK	10/13/11	GP13647	MSN2114
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	LOQ	LOD	Units	Q
71-43-2	Benzene	0.050 U	D018	0.50	0.050	0.050	mg/l	
78-93-3	2-Butanone (MEK)	0.50 U	D035	200	0.50	0.50	mg/l	
56-23-5	Carbon tetrachloride	0.10 U	D019	0.50	0.10	0.10	mg/l	
108-90-7	Chlorobenzene	0.10 U	D021	100	0.10	0.10	mg/l	
67-66-3	Chloroform	0.10 U	D022	6.0	0.10	0.10	mg/l	
106-46-7	1,4-Dichlorobenzene	0.10 U	D027	7.5	0.10	0.10	mg/l	
107-06-2	1,2-Dichloroethane	0.10 U	D028	0.50	0.10	0.10	mg/l	
75-35-4	1,1-Dichloroethene	0.10 U	D029	0.70	0.10	0.10	mg/l	
127-18-4	Tetrachloroethene	0.10 U	D039	0.70	0.10	0.10	mg/l	
79-01-6	Trichloroethene	0.10 U	D040	0.50	0.10	0.10	mg/l	
75-01-4	Vinyl chloride	0.10 U	D043	0.20	0.10	0.10	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	88%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	87%		70-130%

(a) Sample analyzed by method SW846-8260C.

U = Not detected LOD - Limit of Detection
MCL = Maximum Contamination Level (40 CFR 261 6/96)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-C-002		
Lab Sample ID:	MC4539-2A	**Date Sampled:**	10/11/11
Matrix:	SO - Solid	**Date Received:**	10/12/11
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	97.1
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	U2923.D	1	10/21/11	KR	10/19/11	OP26652	MSU178
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	1.0 ml
Run #2		

ABN TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	LOQ	LOD	Units	Q
95-48-7	2-Methylphenol	0.020 U	D023	200	0.10	0.020	mg/l	
	3&4-Methylphenol	0.010 U	D024	200	0.10	0.010	mg/l	
87-86-5	Pentachlorophenol	0.020 U	D037	100	0.10	0.020	mg/l	
95-95-4	2,4,5-Trichlorophenol	0.0050 U	D041	400	0.10	0.0050	mg/l	
88-06-2	2,4,6-Trichlorophenol	0.0050 U	D042	2.0	0.10	0.0050	mg/l	
106-46-7	1,4-Dichlorobenzene	0.0050 U	D027	7.5	0.050	0.0050	mg/l	
121-14-2	2,4-Dinitrotoluene	0.020 U	D030	0.13	0.10	0.020	mg/l	
118-74-1	Hexachlorobenzene	0.0050 U	D032	0.13	0.050	0.0050	mg/l	
87-68-3	Hexachlorobutadiene	0.0050 U	D033	0.50	0.050	0.0050	mg/l	
67-72-1	Hexachloroethane	0.020 U	D034	3.0	0.050	0.020	mg/l	
98-95-3	Nitrobenzene	0.0050 U	D036	2.0	0.050	0.0050	mg/l	
110-86-1	Pyridine	0.050 U	D038	5.0	0.10	0.050	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	79%		15-110%
4165-62-2	Phenol-d5	74%		15-110%
118-79-6	2,4,6-Tribromophenol	102%		15-110%
4165-60-0	Nitrobenzene-d5	81%		30-130%
321-60-8	2-Fluorobiphenyl	91%		30-130%
1718-51-0	Terphenyl-d14	104%		30-130%

(a) Sample analyzed by method SW846-8270D.

U = Not detected LOD - Limit of Detection
MCL = Maximum Contamination Level (40 CFR 261 6/96)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-C-002		
Lab Sample ID:	MC4539-2A	**Date Sampled:**	10/11/11
Matrix:	SO - Solid	**Date Received:**	10/12/11
Method:	SW846 8151 SW846 3510C	**Percent Solids:**	97.1
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK6736.D	1	10/21/11	AP	10/19/11	OP26649	GBK281
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	5.0 ml
Run #2		

Herbicide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	LOQ	LOD	Units	Q
94-75-7	2,4-D	0.0014 U	D016	10	0.010	0.0014	mg/l	
93-72-1	2,4,5-TP (Silvex)	0.0013 U	D017	1.0	0.010	0.0013	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	93%		30-150%
19719-28-9	2,4-DCAA	92%		30-150%

U = Not detected LOD - Limit of Detection
MCL = Maximum Contamination Level (40 CFR 261 6/96)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-C-002		
Lab Sample ID:	MC4539-2A	**Date Sampled:**	10/11/11
Matrix:	SO - Solid	**Date Received:**	10/12/11
Method:	SW846 8081 SW846 3510C	**Percent Solids:**	97.1
Project:	Kittery Maine Site 30 Disposal Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YZ68620.D	1	10/20/11	CZ	10/19/11	OP26648	GYZ6547
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	5.0 ml
Run #2		

Pesticide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	LOQ	LOD	Units	Q
58-89-9	gamma-BHC (Lindane)	0.00025 U	D013	0.40	0.00050	0.00025	mg/l	
12789-03-6	Chlordane	0.0050 U	D020	0.030	0.0050	0.0050	mg/l	
72-20-8	Endrin	0.00025 U	D012	0.020	0.00050	0.00025	mg/l	
76-44-8	Heptachlor	0.00025 U	D031	0.0080	0.00050	0.00025	mg/l	
1024-57-3	Heptachlor epoxide	0.00025 U	D031	0.0080	0.00050	0.00025	mg/l	
72-43-5	Methoxychlor	0.00025 U	D014	10	0.00050	0.00025	mg/l	
8001-35-2	Toxaphene	0.0025 U	D015	0.50	0.025	0.0025	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	101%		30-150%
877-09-8	Tetrachloro-m-xylene	89%		30-150%
2051-24-3	Decachlorobiphenyl	114%		30-150%
2051-24-3	Decachlorobiphenyl	104%		30-150%

U = Not detected LOD - Limit of Detection
MCL = Maximum Contamination Level (40 CFR 261 6/96)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	139799-WASTE-C-002		
Lab Sample ID:	MC4539-2A	**Date Sampled:**	10/11/11
Matrix:	SO - Solid	**Date Received:**	10/12/11
		Percent Solids:	97.1
Project:	Kittery Maine Site 30 Disposal Samples		

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	LOQ	LOD	Units	DF	Prep	Analyzed	By	Method
Arsenic	0.0035 U	D004	5.0	0.010	0.0035	mg/l	1	10/14/11	10/16/11	SA	SW846 6010C [2]
Barium	0.054 J,Q	D005	100	0.50	0.0010	mg/l	1	10/14/11	10/16/11	SA	SW846 6010C [2]
Cadmium	0.00080 J	D006	1.0	0.0040	0.00060	mg/l	1	10/14/11	10/16/11	SA	SW846 6010C [2]
Chromium	0.0023 J	D007	5.0	0.010	0.0010	mg/l	1	10/14/11	10/16/11	SA	SW846 6010C [2]
Lead	0.057 Q	D008	5.0	0.010	0.0035	mg/l	1	10/14/11	10/16/11	SA	SW846 6010C [2]
Mercury	0.000058 U	D009	0.20	0.00020	0.000058	mg/l	1	10/15/11	10/17/11	MA	SW846 7470A [1]
Selenium	0.0065 J	D010	1.0	0.025	0.0035	mg/l	1	10/14/11	10/16/11	SA	SW846 6010C [2]
Silver	0.0010 U	D011	5.0	0.0050	0.0010	mg/l	1	10/14/11	10/16/11	SA	SW846 6010C [2]

(1) Instrument QC Batch: MA13527
(2) Instrument QC Batch: MA13532
(3) Prep QC Batch: MP17941
(4) Prep QC Batch: MP17948

LOQ = Limit of Quantitation LOD = Limit of Detection U = Indicates a result < LOD
MCL = Maximum Contamination Level (40 CFR 261 6/96) J = Indicates a result > = LOD but < LOQ

New England ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Certification Exceptions (ME)
- Chain of Custody

CHAIN-OF-CUSTODY RECORD

COC Number: 139799-101111
Purchase Order Number:

Shaw MC4539
Shaw Environmental & Infrastructure, Inc.

SHAW Environmental & Infrastructure, INC. 500 E. Main Street, Suite 1630, Norfolk, VA 23510 (757) 363-7190

Accutest	Accutest New England 495 Technology Center West, Building One Marlborough, MA 01752 (508) 481-6200
Kittery Maine Site 30	Disposal Samples
139799	Natasha Kelley Sullivan (410)529-7599
NAVY	Fred Poulin

Item No.	Sample Number	Date	Time	Matrix	Sample Description	Number of Containers	FULL TCLP by SW-846	Cyanide Reactivity SW-846 7.3.3.2	Sulfide Reactivity SW-846 7.3.4.2	Ignitability (Flashpoint) SW-846 1020A	Corrosivity as pH SW-846 CHAP7/9045D	Total PCBs SW-846 8082B	TCL Volatiles SW-846 5035/8260B	TCL Semivolatiles SW-846 8270D	Total Metals (As, Cd, Cr, Pb, Hg) by SW-846 6010C/7471	TPH GRO/DRO SW-846 8015
1	139799-Waste-S-002	10-11-11	9:55	Soil	Waste Soil	1-950 ml amber soil jar (No Preservative), 1-40 ml vials (10ML MeOH), 2- 40 ml voa vials (Sodium Biosulfate) 2 - 2 oz jar (No Preservative)	X	X	X	X	X	X	X	X	X	X
2	139799-Waste-C-002	10-11-11	9:45	Brick	Waste brick	1-950 ml amber soil jar (No Preservative), 1-40 ml vials (10ML MeOH), 2- 40 ml voa vials (Sodium Biosulfate) 2 - 2 oz jar (No Preservative)	X	X	X	X	X	X	X	X	X	X
3																
4																
5																
6																

Turnaround Time Required: ☐ 7 calender Day TAT

Sampled By: Jonathan Ward, SHAW

Cooler No.: 3C,10E2

Item No.	Transfer Relinquished By	Date	Time	Transfer Accepted By	Date	Time	Remarks
1							
2	Fedex	10/12/11	09:30	Fedex			
3							
4							

Summary Report

Deliverables: EDD Excel + NIRIS

Please Log in under Global General Services

*** Fax results to Natasha Sullivan (410) 529-7599

Rec 0.7°

4.1 4

MC4539: Chain of Custody
Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: MC4539 **Client:** SHAW **Immediate Client Services Action Required:** No

Date / Time Received: 10/12/2011 **Delivery Method:** **Client Service Action Required at Login:** No

Project: KITTERY ME SITE 30 **No. Coolers:** 1 **Airbill #'s:**

Cooler Security	Y	N		Y	N
1. Custody Seals Present:	☑	☐	3. COC Present:	☑	☐
2. Custody Seals Intact:	☑	☐	4. Smpl Dates/Time OK	☑	☐

Cooler Temperature	Y	N
1. Temp criteria achieved:	☑	☐
2. Cooler temp verification:	Infared gun	
3. Cooler media:	Ice (bag)	

Quality Control Preservatio	Y	N	N/A
1. Trip Blank present / cooler:	☐	☐	☑
2. Trip Blank listed on COC:	☐	☐	☑
3. Samples preserved properly:	☑	☐	
4. VOCs headspace free:	☑	☐	☐

Sample Integrity - Documentation	Y	N
1. Sample labels present on bottles:	☑	☐
2. Container labeling complete:	☑	☐
3. Sample container label / COC agree:	☑	☐

Sample Integrity - Condition	Y	N
1. Sample recvd within HT:	☑	☐
2. All containers accounted for:	☑	☐
3. Condition of sample:	Intact	

Sample Integrity - Instructions	Y	N	N/A
1. Analysis requested is clear:	☑	☐	
2. Bottles received for unspecified tests	☐	☑	
3. Sufficient volume recvd for analysis:	☑	☐	
4. Compositing instructions clear:	☐	☐	☑
5. Filtering instructions clear:	☐	☐	☑

Comments

Accutest Laboratories
V:508.481.6200

495 Technology Center West, Bldg One
F: 508.481.7753

Marlborough, MA
www/accutest.com

MC4539: Chain of Custody
Page 2 of 2

New England ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSV118-MB	V2673.D	1	10/19/11	AMY	n/a	n/a	MSV118

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4539-1, MC4539-2

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	5.0	5.0	ug/kg	
71-43-2	Benzene	ND	0.50	0.13	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.21	ug/kg	
75-25-2	Bromoform	ND	2.0	0.47	ug/kg	
74-83-9	Bromomethane	ND	2.0	0.68	ug/kg	
78-93-3	2-Butanone (MEK)	ND	5.0	1.2	ug/kg	
75-15-0	Carbon disulfide	ND	5.0	0.97	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.22	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.094	ug/kg	
75-00-3	Chloroethane	ND	5.0	0.26	ug/kg	
67-66-3	Chloroform	ND	2.0	0.15	ug/kg	
74-87-3	Chloromethane	ND	5.0	0.22	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.65	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.0	0.15	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.0	0.15	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.0	0.32	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	0.27	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	0.25	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.23	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	1.0	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.68	ug/kg	
100-41-4	Ethylbenzene	ND	2.0	0.13	ug/kg	
591-78-6	2-Hexanone	ND	5.0	1.0	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	0.84	ug/kg	
75-09-2	Methylene chloride	ND	2.0	0.36	ug/kg	
100-42-5	Styrene	ND	5.0	0.50	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.18	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.17	ug/kg	
108-88-3	Toluene	ND	5.0	0.18	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.18	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.25	ug/kg	
79-01-6	Trichloroethene	ND	2.0	0.20	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.64	ug/kg	
1330-20-7	Xylene (total)	ND	2.0	0.13	ug/kg	

Method Blank Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSV118-MB	V2673.D	1	10/19/11	AMY	n/a	n/a	MSV118

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4539-1, MC4539-2

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	105%	70-130%
2037-26-5	Toluene-D8	105%	70-130%
460-00-4	4-Bromofluorobenzene	99%	70-130%

Method Blank Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSN2114-MB	N56343.D	1	10/19/11	EK	n/a	n/a	MSN2114

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4539-1A, MC4539-2A

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.50	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.7	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.58	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.58	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.42	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.44	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.80	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.36	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.75	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.82	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	88%	70-130%
2037-26-5	Toluene-D8	96%	70-130%
460-00-4	4-Bromofluorobenzene	88%	70-130%

Method Blank Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSN2112-MB	N56294.D	1	10/18/11	EK	n/a	n/a	MSN2112

The QC reported here applies to the following samples: **Method:** SW846 8260B

GP13647-LB1, GP13647-LS1, GP13647-LS2

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.50	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.7	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.58	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.58	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.42	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.44	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.80	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.36	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.75	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.82	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	91%	70-130%
2037-26-5	Toluene-D8	97%	70-130%
460-00-4	4-Bromofluorobenzene	91%	70-130%

Method Blank Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSN2114-MB1	N56386.D	1	10/20/11	EK	n/a	n/a	MSN2114

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4401-1MSD

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.50	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.7	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.58	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.58	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.42	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.44	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.80	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.36	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.75	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.82	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	89%	70-130%
2037-26-5	Toluene-D8	96%	70-130%
460-00-4	4-Bromofluorobenzene	87%	70-130%

Leachate Blank Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GP13647-LB1	N56304.D	10	10/18/11	EK	10/13/11	GP13647	MSN2112

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4539-1A, MC4539-2A

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	4.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	50	27	ug/l	
56-23-5	Carbon tetrachloride	ND	20	5.8	ug/l	
108-90-7	Chlorobenzene	ND	20	4.4	ug/l	
67-66-3	Chloroform	ND	20	5.8	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	20	4.2	ug/l	
107-06-2	1,2-Dichloroethane	ND	20	4.4	ug/l	
75-35-4	1,1-Dichloroethene	ND	20	8.0	ug/l	
127-18-4	Tetrachloroethene	ND	20	3.6	ug/l	
79-01-6	Trichloroethene	ND	20	7.5	ug/l	
75-01-4	Vinyl chloride	ND	20	8.2	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	88%	70-130%
2037-26-5	Toluene-D8	98%	70-130%
460-00-4	4-Bromofluorobenzene	89%	70-130%

Blank Spike Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSV118-BS	V2672.D	1	10/19/11	AMY	n/a	n/a	MSV118

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4539-1, MC4539-2

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	50	66.9	134* [a]	70-130
71-43-2	Benzene	50	54.3	109	70-130
75-27-4	Bromodichloromethane	50	52.4	105	70-130
75-25-2	Bromoform	50	54.9	110	70-130
74-83-9	Bromomethane	50	53.3	107	70-130
78-93-3	2-Butanone (MEK)	50	68.9	138* [a]	70-130
75-15-0	Carbon disulfide	50	48.7	97	70-130
56-23-5	Carbon tetrachloride	50	51.8	104	70-130
108-90-7	Chlorobenzene	50	51.0	102	70-130
75-00-3	Chloroethane	50	54.9	110	70-130
67-66-3	Chloroform	50	54.0	108	70-130
74-87-3	Chloromethane	50	49.5	99	70-130
124-48-1	Dibromochloromethane	50	53.7	107	70-130
75-34-3	1,1-Dichloroethane	50	54.1	108	70-130
107-06-2	1,2-Dichloroethane	50	59.4	119	70-130
75-35-4	1,1-Dichloroethene	50	56.2	112	70-130
156-59-2	cis-1,2-Dichloroethene	50	54.4	109	70-130
156-60-5	trans-1,2-Dichloroethene	50	53.7	107	70-130
78-87-5	1,2-Dichloropropane	50	56.2	112	70-130
10061-01-5	cis-1,3-Dichloropropene	50	52.0	104	70-130
10061-02-6	trans-1,3-Dichloropropene	50	58.1	116	70-130
100-41-4	Ethylbenzene	50	53.6	107	70-130
591-78-6	2-Hexanone	50	75.4	151* [a]	70-130
108-10-1	4-Methyl-2-pentanone (MIBK)	50	77.0	154* [a]	70-130
75-09-2	Methylene chloride	50	53.0	106	70-130
100-42-5	Styrene	50	49.4	99	70-130
79-34-5	1,1,2,2-Tetrachloroethane	50	64.8	130	70-130
127-18-4	Tetrachloroethene	50	51.8	104	70-130
108-88-3	Toluene	50	55.1	110	70-130
71-55-6	1,1,1-Trichloroethane	50	56.7	113	70-130
79-00-5	1,1,2-Trichloroethane	50	62.6	125	70-130
79-01-6	Trichloroethene	50	55.1	110	70-130
75-01-4	Vinyl chloride	50	44.3	89	70-130
1330-20-7	Xylene (total)	150	157	105	70-130

Blank Spike Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSV118-BS	V2672.D	1	10/19/11	AMY	n/a	n/a	MSV118

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4539-1, MC4539-2

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	102%	70-130%
2037-26-5	Toluene-D8	103%	70-130%
460-00-4	4-Bromofluorobenzene	97%	70-130%

(a) Outside control limits. Blank Spike meets program technical requirements.

Blank Spike/Blank Spike Duplicate Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSN2114-BS	N56340.D	1	10/19/11	EK	n/a	n/a	MSN2114
MSN2114-BSD	N56341.D	1	10/19/11	EK	n/a	n/a	MSN2114

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4539-1A, MC4539-2A

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	50	45.1	90	43.2	86	4	70-130/25
78-93-3	2-Butanone (MEK)	50	50.6	101	52.7	105	4	70-130/25
56-23-5	Carbon tetrachloride	50	54.2	108	52.4	105	3	70-130/25
108-90-7	Chlorobenzene	50	50.6	101	48.4	97	4	70-130/25
67-66-3	Chloroform	50	43.3	87	42.0	84	3	70-130/25
106-46-7	1,4-Dichlorobenzene	50	47.7	95	46.1	92	3	70-130/25
107-06-2	1,2-Dichloroethane	50	42.8	86	41.5	83	3	70-130/25
75-35-4	1,1-Dichloroethene	50	48.2	96	47.8	96	1	70-130/25
127-18-4	Tetrachloroethene	50	51.9	104	48.9	98	6	70-130/25
79-01-6	Trichloroethene	50	47.1	94	45.0	90	5	70-130/25
75-01-4	Vinyl chloride	50	35.8	72	34.8	70	3	70-130/25

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	89%	88%	70-130%
2037-26-5	Toluene-D8	97%	96%	70-130%
460-00-4	4-Bromofluorobenzene	86%	85%	70-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC4540-1MS	V2680.D	1	10/19/11	AMY	n/a	n/a	MSV118
MC4540-1MSD	V2681.D	1	10/19/11	AMY	n/a	n/a	MSV118
MC4540-1	V2677.D	1	10/19/11	AMY	n/a	n/a	MSV118

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4539-1, MC4539-2

CAS No.	Compound	MC4540-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	3.9		67.7	95.4	135* [a]	98.2	130	3	70-130/30
71-43-2	Benzene	ND		67.7	77.1	114	79.6	110	3	70-130/30
75-27-4	Bromodichloromethane	ND		67.7	74.6	110	76.5	105	3	70-130/30
75-25-2	Bromoform	ND		67.7	72.3	107	75.3	104	4	70-130/30
74-83-9	Bromomethane	ND		67.7	73.9	109	77.3	107	4	70-130/30
78-93-3	2-Butanone (MEK)	ND		67.7	89.7	133* [a]	92.7	128	3	70-130/30
75-15-0	Carbon disulfide	1.1		67.7	69.3	101	72.3	98	4	70-130/30
56-23-5	Carbon tetrachloride	ND		67.7	73.8	109	76.9	106	4	70-130/30
108-90-7	Chlorobenzene	ND		67.7	73.2	108	76.9	106	5	70-130/30
75-00-3	Chloroethane	ND		67.7	76.9	114	80.6	111	5	70-130/30
67-66-3	Chloroform	ND		67.7	77.6	115	80.2	111	3	70-130/30
74-87-3	Chloromethane	ND		67.7	65.4	97	68.8	95	5	70-130/30
124-48-1	Dibromochloromethane	ND		67.7	73.7	109	77.2	106	5	70-130/30
75-34-3	1,1-Dichloroethane	ND		67.7	77.2	114	81.3	112	5	70-130/30
107-06-2	1,2-Dichloroethane	ND		67.7	82.7	122	84.5	117	2	70-130/30
75-35-4	1,1-Dichloroethene	ND		67.7	80.0	118	84.3	116	5	70-130/30
156-59-2	cis-1,2-Dichloroethene	ND		67.7	76.2	113	79.4	109	4	70-130/30
156-60-5	trans-1,2-Dichloroethene	ND		67.7	77.1	114	80.3	111	4	70-130/30
78-87-5	1,2-Dichloropropane	ND		67.7	78.5	116	81.7	113	4	70-130/30
10061-01-5	cis-1,3-Dichloropropene	ND		67.7	71.0	105	73.7	102	4	70-130/30
10061-02-6	trans-1,3-Dichloropropene	ND		67.7	79.8	118	82.5	114	3	70-130/30
100-41-4	Ethylbenzene	ND		67.7	77.4	114	81.5	112	5	70-130/30
591-78-6	2-Hexanone	ND		67.7	99.3	147* [a]	103	142* [a]	4	70-130/30
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		67.7	100	148* [a]	104	143* [a]	4	70-130/30
75-09-2	Methylene chloride	ND		67.7	74.3	110	77.5	107	4	70-130/30
100-42-5	Styrene	ND		67.7	69.3	102	70.6	97	2	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	ND		67.7	86.4	128	90.5	125	5	70-130/30
127-18-4	Tetrachloroethene	ND		67.7	73.9	109	78.0	108	5	70-130/30
108-88-3	Toluene	ND		67.7	77.6	115	80.8	111	4	70-130/30
71-55-6	1,1,1-Trichloroethane	ND		67.7	79.8	118	84.6	117	6	70-130/30
79-00-5	1,1,2-Trichloroethane	ND		67.7	85.7	127	87.8	121	2	70-130/30
79-01-6	Trichloroethene	ND		67.7	78.6	116	82.0	113	4	70-130/30
75-01-4	Vinyl chloride	ND		67.7	60.4	89	62.9	87	4	70-130/30
1330-20-7	Xylene (total)	ND		203	226	111	236	108	4	70-130/30

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC4540-1MS	V2680.D	1	10/19/11	AMY	n/a	n/a	MSV118
MC4540-1MSD	V2681.D	1	10/19/11	AMY	n/a	n/a	MSV118
MC4540-1	V2677.D	1	10/19/11	AMY	n/a	n/a	MSV118

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4539-1, MC4539-2

CAS No.	Surrogate Recoveries	MS	MSD	MC4540-1	Limits
1868-53-7	Dibromofluoromethane	104%	108%	107%	70-130%
2037-26-5	Toluene-D8	102%	106%	104%	70-130%
460-00-4	4-Bromofluorobenzene	95%	101%	97%	70-130%

(a) Outside control limits due to possible matrix interference. Refer to Blank Spike.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC4401-1MS	N56362.D	5	10/19/11	EK	n/a	n/a	MSN2114
MC4401-1MSD	N56387.D	5	10/20/11	EK	n/a	n/a	MSN2114
MC4401-1	N56350.D	1	10/19/11	EK	n/a	n/a	MSN2114

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4539-1A, MC4539-2A

CAS No.	Compound	MC4401-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		250	222	89	119	48* [a]	60* [b]	70-130/30
78-93-3	2-Butanone (MEK)	ND		250	202	81	177	71	13	70-130/30
56-23-5	Carbon tetrachloride	ND		250	235	94	97.6	39* [a]	83* [b]	70-130/30
108-90-7	Chlorobenzene	ND		250	243	97	124	50* [a]	65* [b]	70-130/30
67-66-3	Chloroform	ND		250	219	88	129	52* [a]	52* [b]	70-130/30
106-46-7	1,4-Dichlorobenzene	ND		250	227	91	109	44* [a]	70* [b]	70-130/30
107-06-2	1,2-Dichloroethane	ND		250	215	86	147	59* [a]	38* [b]	70-130/30
75-35-4	1,1-Dichloroethene	ND		250	246	98	101	40* [a]	84* [b]	70-130/30
127-18-4	Tetrachloroethene	ND		250	248	99	103	41* [a]	83* [b]	70-130/30
79-01-6	Trichloroethene	ND		250	232	93	110	44* [a]	71* [b]	70-130/30
75-01-4	Vinyl chloride	ND		250	167	67* [a]	65.6	26* [a]	87* [b]	70-130/30

CAS No.	Surrogate Recoveries	MS	MSD	MC4401-1	Limits
1868-53-7	Dibromofluoromethane	89%	90%	86%	70-130%
2037-26-5	Toluene-D8	97%	97%	96%	70-130%
460-00-4	4-Bromofluorobenzene	87%	87%	86%	70-130%

(a) Outside control limits due to possible matrix interference. Refer to Blank Spike.
(b) High RPD due to possible matrix interference and/or sample non-homogeneity.

Leachate Spike Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GP13647-LS1	N56307.D	100	10/18/11	EK	10/13/11	GP13647	MSN2112
MC4497-1	N56306.D	100	10/18/11	EK	10/13/11	GP13647	MSN2112

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4539-1A, MC4539-2A

CAS No.	Compound	MC4497-1 ug/l	Q	Spike ug/l	LS ug/l	LS %	Limits
71-43-2	Benzene	50 U		5000	4530	91	70-130
78-93-3	2-Butanone (MEK)	500 U		5000	4340	87	70-130
56-23-5	Carbon tetrachloride	100 U		5000	5130	103	70-130
108-90-7	Chlorobenzene	100 U		5000	4760	95	70-130
67-66-3	Chloroform	100 U		5000	4330	87	70-130
106-46-7	1,4-Dichlorobenzene	100 U		5000	4380	88	70-130
107-06-2	1,2-Dichloroethane	100 U		5000	4450	89	70-130
75-35-4	1,1-Dichloroethene	100 U		5000	4730	95	70-130
127-18-4	Tetrachloroethene	100 U		5000	4510	90	70-130
79-01-6	Trichloroethene	100 U		5000	4610	92	70-130
75-01-4	Vinyl chloride	100 U		5000	3370	67* [a]	70-130

CAS No.	Surrogate Recoveries	LS	MC4497-1	Limits
1868-53-7	Dibromofluoromethane	90%	90%	70-130%
2037-26-5	Toluene-D8	98%	99%	70-130%
460-00-4	4-Bromofluorobenzene	86%	88%	70-130%

(a) Outside control limits due to possible matrix interference. Refer to Blank Spike.

Leachate Spike Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GP13647-LS2	N56308.D	100	10/18/11	EK	10/13/11	GP13647	MSN2112
MC4465-1	N56305.D	100	10/18/11	EK	10/13/11	GP13647	MSN2112

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC4539-1A, MC4539-2A

CAS No.	Compound	MC4465-1 ug/l	Q	Spike ug/l	LS ug/l	LS %	Limits
71-43-2	Benzene	ND		5000	4170	83	70-130
78-93-3	2-Butanone (MEK)	ND		5000	4110	82	70-130
56-23-5	Carbon tetrachloride	ND		5000	4790	96	70-130
108-90-7	Chlorobenzene	ND		5000	4680	94	70-130
67-66-3	Chloroform	ND		5000	4090	82	70-130
106-46-7	1,4-Dichlorobenzene	ND		5000	4340	87	70-130
107-06-2	1,2-Dichloroethane	ND		5000	4110	82	70-130
75-35-4	1,1-Dichloroethene	ND		5000	4410	88	70-130
127-18-4	Tetrachloroethene	ND		5000	4550	91	70-130
79-01-6	Trichloroethene	ND		5000	4290	86	70-130
75-01-4	Vinyl chloride	ND		5000	3150	63* [a]	70-130

CAS No.	Surrogate Recoveries	LS	MC4465-1	Limits
1868-53-7	Dibromofluoromethane	90%	89%	70-130%
2037-26-5	Toluene-D8	97%	97%	70-130%
460-00-4	4-Bromofluorobenzene	87%	88%	70-130%

(a) Outside control limits due to possible matrix interference. Refer to Blank Spike.

Volatile Surrogate Recovery Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Method: SW846 8260B **Matrix:** LEACHATE

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3
MC4539-1A	N56348.D	87.0	95.0	86.0
MC4539-2A	N56349.D	88.0	97.0	87.0
GP13647-LB1	N56304.D	88.0	98.0	89.0
GP13647-LS1	N56307.D	90.0	98.0	86.0
GP13647-LS2	N56308.D	90.0	97.0	87.0
MC4401-1MS	N56362.D	89.0	97.0	87.0
MC4401-1MSD	N56387.D	90.0	97.0	87.0
MSN2114-BS	N56340.D	89.0	97.0	86.0
MSN2114-BSD	N56341.D	88.0	96.0	85.0
MSN2114-MB	N56343.D	88.0	96.0	88.0
MSN2112-MB	N56294.D	91.0	97.0	91.0
MSN2114-MB1	N56386.D	89.0	96.0	87.0

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	70-130%
S2 = Toluene-D8	70-130%
S3 = 4-Bromofluorobenzene	70-130%

Volatile Surrogate Recovery Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Method: SW846 8260B **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3
MC4539-1	V2675.D	105.0	102.0	100.0
MC4539-2	V2676.D	104.0	99.0	98.0
MC4540-1MS	V2680.D	104.0	102.0	95.0
MC4540-1MSD	V2681.D	108.0	106.0	101.0
MSV118-BS	V2672.D	102.0	103.0	97.0
MSV118-MB	V2673.D	105.0	105.0	99.0

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	70-130%
S2 = Toluene-D8	70-130%
S3 = 4-Bromofluorobenzene	70-130%

New England ACCUTEST LABORATORIES

GC/MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26653-MB	U2890.D	1	10/20/11	KR	10/19/11	OP26653	MSU177

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4539-1, MC4539-2

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	250	13	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	490	17	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	490	29	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	490	49	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	990	250	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	490	250	ug/kg	
95-48-7	2-Methylphenol	ND	490	14	ug/kg	
	3&4-Methylphenol	ND	490	26	ug/kg	
88-75-5	2-Nitrophenol	ND	490	30	ug/kg	
100-02-7	4-Nitrophenol	ND	990	250	ug/kg	
87-86-5	Pentachlorophenol	ND	490	46	ug/kg	
108-95-2	Phenol	ND	250	41	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	490	37	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	490	34	ug/kg	
83-32-9	Acenaphthene	ND	250	21	ug/kg	
208-96-8	Acenaphthylene	ND	250	18	ug/kg	
120-12-7	Anthracene	ND	250	19	ug/kg	
56-55-3	Benzo(a)anthracene	ND	250	9.1	ug/kg	
50-32-8	Benzo(a)pyrene	ND	250	15	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	250	29	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	250	16	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	250	7.3	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	250	20	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	250	11	ug/kg	
91-58-7	2-Chloronaphthalene	ND	250	21	ug/kg	
106-47-8	4-Chloroaniline	ND	490	120	ug/kg	
86-74-8	Carbazole	ND	250	19	ug/kg	
218-01-9	Chrysene	ND	250	8.0	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	250	19	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	250	5.3	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	250	23	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	250	22	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	250	20	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	250	20	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	250	20	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	490	120	ug/kg	

Method Blank Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26653-MB	U2890.D	1	10/20/11	KR	10/19/11	OP26653	MSU177

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4539-1, MC4539-2

CAS No.	Compound	Result	RL	MDL	Units	Q
606-20-2	2,6-Dinitrotoluene	ND	490	24	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	250	5.9	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	250	16	ug/kg	
132-64-9	Dibenzofuran	ND	250	21	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	250	22	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	250	13	ug/kg	
84-66-2	Diethyl phthalate	ND	250	21	ug/kg	
131-11-3	Dimethyl phthalate	ND	250	17	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	250	17	ug/kg	
206-44-0	Fluoranthene	ND	250	8.4	ug/kg	
86-73-7	Fluorene	ND	250	5.4	ug/kg	
118-74-1	Hexachlorobenzene	ND	250	21	ug/kg	
87-68-3	Hexachlorobutadiene	ND	250	19	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	490	3.3	ug/kg	
67-72-1	Hexachloroethane	ND	250	20	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	250	15	ug/kg	
78-59-1	Isophorone	ND	250	24	ug/kg	
91-57-6	2-Methylnaphthalene	ND	250	21	ug/kg	
88-74-4	2-Nitroaniline	ND	490	120	ug/kg	
99-09-2	3-Nitroaniline	ND	490	120	ug/kg	
100-01-6	4-Nitroaniline	ND	490	18	ug/kg	
91-20-3	Naphthalene	ND	250	5.7	ug/kg	
98-95-3	Nitrobenzene	ND	250	7.3	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	250	16	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	250	13	ug/kg	
85-01-8	Phenanthrene	ND	250	6.4	ug/kg	
129-00-0	Pyrene	ND	250	7.9	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	250	21	ug/kg	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	67%	30-130%
4165-62-2	Phenol-d5	66%	30-130%
118-79-6	2,4,6-Tribromophenol	94%	30-130%
4165-60-0	Nitrobenzene-d5	66%	30-130%

Method Blank Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26653-MB	U2890.D	1	10/20/11	KR	10/19/11	OP26653	MSU177

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4539-1, MC4539-2

CAS No.	Surrogate Recoveries		Limits
321-60-8	2-Fluorobiphenyl	75%	30-130%
1718-51-0	Terphenyl-d14	104%	30-130%

Method Blank Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26652-MB	U2912.D	1	10/21/11	KR	10/19/11	OP26652	MSU178

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4539-1A, MC4539-2A

CAS No.	Compound	Result	RL	MDL	Units	Q
95-48-7	2-Methylphenol	ND	100	6.0	ug/l	
	3&4-Methylphenol	ND	100	7.5	ug/l	
87-86-5	Pentachlorophenol	ND	100	6.4	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	100	4.9	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	100	3.5	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	50	2.1	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	100	20	ug/l	
118-74-1	Hexachlorobenzene	ND	50	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	50	3.3	ug/l	
67-72-1	Hexachloroethane	ND	50	20	ug/l	
98-95-3	Nitrobenzene	ND	50	2.4	ug/l	
110-86-1	Pyridine	ND	100	50	ug/l	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	75%	15-110%
4165-62-2	Phenol-d5	68%	15-110%
118-79-6	2,4,6-Tribromophenol	98%	15-110%
4165-60-0	Nitrobenzene-d5	74%	30-130%
321-60-8	2-Fluorobiphenyl	93%	30-130%
1718-51-0	Terphenyl-d14	109%	30-130%

Blank Spike Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26653-BS	U2891.D	1	10/20/11	KR	10/19/11	OP26653	MSU177

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4539-1, MC4539-2

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
95-57-8	2-Chlorophenol	4950	2720	55	30-130
59-50-7	4-Chloro-3-methyl phenol	4950	3330	67	30-130
120-83-2	2,4-Dichlorophenol	4950	3440	70	30-130
105-67-9	2,4-Dimethylphenol	4950	2970	60	30-130
51-28-5	2,4-Dinitrophenol	4950	3120	63	30-130
534-52-1	4,6-Dinitro-o-cresol	4950	4130	83	30-130
95-48-7	2-Methylphenol	4950	2810	57	30-130
	3&4-Methylphenol	9900	5730	58	30-130
88-75-5	2-Nitrophenol	4950	3270	66	30-130
100-02-7	4-Nitrophenol	4950	2940	59	30-130
87-86-5	Pentachlorophenol	4950	3920	79	30-130
108-95-2	Phenol	4950	2630	53	30-130
95-95-4	2,4,5-Trichlorophenol	4950	3790	77	30-130
88-06-2	2,4,6-Trichlorophenol	4950	3680	74	30-130
83-32-9	Acenaphthene	2470	1720	70	40-140
208-96-8	Acenaphthylene	2470	1340	54	40-140
120-12-7	Anthracene	2470	1790	72	40-140
56-55-3	Benzo(a)anthracene	2470	2190	89	40-140
50-32-8	Benzo(a)pyrene	2470	1770	72	40-140
205-99-2	Benzo(b)fluoranthene	2470	2100	85	40-140
191-24-2	Benzo(g,h,i)perylene	2470	2030	82	40-140
207-08-9	Benzo(k)fluoranthene	2470	2230	90	40-140
101-55-3	4-Bromophenyl phenyl ether	2470	2180	88	40-140
85-68-7	Butyl benzyl phthalate	2470	1950	79	40-140
91-58-7	2-Chloronaphthalene	2470	1780	72	40-140
106-47-8	4-Chloroaniline	2470	1190	48	40-140
86-74-8	Carbazole	2470	1750	71	40-140
218-01-9	Chrysene	2470	1930	78	40-140
111-91-1	bis(2-Chloroethoxy)methane	2470	1570	63	40-140
111-44-4	bis(2-Chloroethyl)ether	2470	1290	52	40-140
108-60-1	bis(2-Chloroisopropyl)ether	2470	1420	57	40-140
7005-72-3	4-Chlorophenyl phenyl ether	2470	1960	79	40-140
95-50-1	1,2-Dichlorobenzene	2470	1490	60	40-140
541-73-1	1,3-Dichlorobenzene	2470	1410	57	40-140
106-46-7	1,4-Dichlorobenzene	2470	1440	58	40-140
121-14-2	2,4-Dinitrotoluene	2470	1920	78	40-140

Blank Spike Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26653-BS	U2891.D	1	10/20/11	KR	10/19/11	OP26653	MSU177

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4539-1, MC4539-2

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
606-20-2	2,6-Dinitrotoluene	2470	1910	77	40-140
91-94-1	3,3'-Dichlorobenzidine	2470	1690	68	40-140
53-70-3	Dibenzo(a,h)anthracene	2470	1900	77	40-140
132-64-9	Dibenzofuran	2470	1720	70	40-140
84-74-2	Di-n-butyl phthalate	2470	1790	72	40-140
117-84-0	Di-n-octyl phthalate	2470	2150	87	40-140
84-66-2	Diethyl phthalate	2470	1820	74	40-140
131-11-3	Dimethyl phthalate	2470	1910	77	40-140
117-81-7	bis(2-Ethylhexyl)phthalate	2470	1980	80	40-140
206-44-0	Fluoranthene	2470	1790	72	40-140
86-73-7	Fluorene	2470	1780	72	40-140
118-74-1	Hexachlorobenzene	2470	2150	87	40-140
87-68-3	Hexachlorobutadiene	2470	1650	67	40-140
77-47-4	Hexachlorocyclopentadiene	2470	1250	51	40-140
67-72-1	Hexachloroethane	2470	1260	51	40-140
193-39-5	Indeno(1,2,3-cd)pyrene	2470	1970	80	40-140
78-59-1	Isophorone	2470	1210	49	40-140
91-57-6	2-Methylnaphthalene	2470	1590	64	40-140
88-74-4	2-Nitroaniline	2470	1870	76	40-140
99-09-2	3-Nitroaniline	2470	1540	62	40-140
100-01-6	4-Nitroaniline	2470	1560	63	40-140
91-20-3	Naphthalene	2470	1590	64	40-140
98-95-3	Nitrobenzene	2470	1390	56	40-140
621-64-7	N-Nitroso-di-n-propylamine	2470	1460	59	40-140
86-30-6	N-Nitrosodiphenylamine	2470	1940	78	40-140
85-01-8	Phenanthrene	2470	1850	75	40-140
129-00-0	Pyrene	2470	2080	84	40-140
120-82-1	1,2,4-Trichlorobenzene	2470	1730	70	40-140

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	54%	30-130%
4165-62-2	Phenol-d5	54%	30-130%
118-79-6	2,4,6-Tribromophenol	88%	30-130%
4165-60-0	Nitrobenzene-d5	56%	30-130%

Blank Spike Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26653-BS	U2891.D	1	10/20/11	KR	10/19/11	OP26653	MSU177

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4539-1, MC4539-2

CAS No.	Surrogate Recoveries	BSP	Limits
321-60-8	2-Fluorobiphenyl	67%	30-130%
1718-51-0	Terphenyl-d14	87%	30-130%

Blank Spike Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26652-BS	U2913.D	1	10/21/11	KR	10/19/11	OP26652	MSU178

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4539-1A, MC4539-2A

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
95-48-7	2-Methylphenol	1000	837	84	30-130
	3&4-Methylphenol	2000	1680	84	30-130
87-86-5	Pentachlorophenol	1000	954	95	30-130
95-95-4	2,4,5-Trichlorophenol	1000	945	95	30-130
88-06-2	2,4,6-Trichlorophenol	1000	951	95	30-130
106-46-7	1,4-Dichlorobenzene	500	437	87	40-140
121-14-2	2,4-Dinitrotoluene	500	471	94	40-140
118-74-1	Hexachlorobenzene	500	522	104	40-140
87-68-3	Hexachlorobutadiene	500	469	94	40-140
67-72-1	Hexachloroethane	500	380	76	40-140
98-95-3	Nitrobenzene	500	387	77	40-140
110-86-1	Pyridine	500	379	76	40-140

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	80%	15-110%
4165-62-2	Phenol-d5	77%	15-110%
118-79-6	2,4,6-Tribromophenol	105%	15-110%
4165-60-0	Nitrobenzene-d5	79%	30-130%
321-60-8	2-Fluorobiphenyl	90%	30-130%
1718-51-0	Terphenyl-d14	105%	30-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26653-MS	U2892.D	1	10/20/11	KR	10/19/11	OP26653	MSU177
OP26653-MSD	U2893.D	1	10/20/11	KR	10/19/11	OP26653	MSU177
MC4509-1	U2894.D	1	10/20/11	KR	10/19/11	OP26653	MSU177

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4539-1, MC4539-2

CAS No.	Compound	MC4509-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
95-57-8	2-Chlorophenol	ND		5560	3180	57	2630	47	19	30-130/30
59-50-7	4-Chloro-3-methyl phenol	ND		5560	3920	71	3370	60	15	30-130/30
120-83-2	2,4-Dichlorophenol	ND		5560	3890	70	2780	50	33* [a]	30-130/30
105-67-9	2,4-Dimethylphenol	113		5560	3770	66	3420	59	10	30-130/30
51-28-5	2,4-Dinitrophenol	ND		5560	2890	52	1940	35	39* [a]	30-130/30
534-52-1	4,6-Dinitro-o-cresol	ND		5560	3780	68	2760	49	31* [a]	30-130/30
95-48-7	2-Methylphenol	30.0		5560	3430	61	3160	56	8	30-130/30
	3&4-Methylphenol	104		11100	7000	62	6380	56	9	30-130/30
88-75-5	2-Nitrophenol	ND		5560	3480	63	2140	38	48* [a]	30-130/30
100-02-7	4-Nitrophenol	ND		5560	2700	49	1370	24* [b]	65* [a]	30-130/30
87-86-5	Pentachlorophenol	ND		5560	2000	36	1840	33	8	30-130/30
108-95-2	Phenol	213		5560	3250	55	3010	50	8	30-130/30
95-95-4	2,4,5-Trichlorophenol	ND		5560	3870	70	2310	41	50* [a]	30-130/30
88-06-2	2,4,6-Trichlorophenol	ND		5560	2980	54	1660	30	57* [a]	30-130/30
83-32-9	Acenaphthene	24.9		2780	1930	69	1800	63	7	40-140/30
208-96-8	Acenaphthylene	62.7		2780	1530	53	1430	49	7	40-140/30
120-12-7	Anthracene	84.3		2780	2040	70	1890	64	8	40-140/30
56-55-3	Benzo(a)anthracene	311		2780	2570	81	2470	77	4	40-140/30
50-32-8	Benzo(a)pyrene	440		2780	2300	67	2020	56	13	40-140/30
205-99-2	Benzo(b)fluoranthene	434		2780	3520	111	2370	69	39* [a]	40-140/30
191-24-2	Benzo(g,h,i)perylene	147		2780	575	15* [b]	1170	37* [b]	68* [a]	40-140/30
207-08-9	Benzo(k)fluoranthene	319		2780	2420	76	2010	60	19	40-140/30
101-55-3	4-Bromophenyl phenyl ether	ND		2780	2330	84	2210	79	5	40-140/30
85-68-7	Butyl benzyl phthalate	ND		2780	1540	55	1570	56	2	40-140/30
91-58-7	2-Chloronaphthalene	ND		2780	1960	71	1870	67	5	40-140/30
106-47-8	4-Chloroaniline	ND		2780	902	32* [b]	768	27* [b]	16	40-140/30
86-74-8	Carbazole	39.7		2780	2040	72	1840	64	10	40-140/30
218-01-9	Chrysene	370		2780	2400	73	2250	67	6	40-140/30
111-91-1	bis(2-Chloroethoxy)methane	ND		2780	1800	65	1630	58	10	40-140/30
111-44-4	bis(2-Chloroethyl)ether	ND		2780	1580	57	1390	50	13	40-140/30
108-60-1	bis(2-Chloroisopropyl)ether	ND		2780	1660	60	1510	54	9	40-140/30
7005-72-3	4-Chlorophenyl phenyl ether	ND		2780	2300	83	2080	74	10	40-140/30
95-50-1	1,2-Dichlorobenzene	ND		2780	1680	60	1640	59	2	40-140/30
541-73-1	1,3-Dichlorobenzene	ND		2780	1600	58	1560	56	3	40-140/30
106-46-7	1,4-Dichlorobenzene	ND		2780	1650	59	1580	56	4	40-140/30
121-14-2	2,4-Dinitrotoluene	ND		2780	2180	78	1970	70	10	40-140/30

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26653-MS	U2892.D	1	10/20/11	KR	10/19/11	OP26653	MSU177
OP26653-MSD	U2893.D	1	10/20/11	KR	10/19/11	OP26653	MSU177
MC4509-1	U2894.D	1	10/20/11	KR	10/19/11	OP26653	MSU177

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4539-1, MC4539-2

CAS No.	Compound	MC4509-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
606-20-2	2,6-Dinitrotoluene	ND		2780	2230	80	2010	72	10	40-140/30
91-94-1	3,3'-Dichlorobenzidine	ND		2780	228	8* b	489	17* b	73* a	40-140/30
53-70-3	Dibenzo(a,h)anthracene	81.4		2780	717	23* b	1320	44	59* a	40-140/30
132-64-9	Dibenzofuran	47.8		2780	1990	70	1860	65	7	40-140/30
84-74-2	Di-n-butyl phthalate	ND		2780	2050	74	1790	64	14	40-140/30
117-84-0	Di-n-octyl phthalate	ND		2780	2240	81	1540	55	37* a	40-140/30
84-66-2	Diethyl phthalate	ND		2780	2080	75	1860	66	11	40-140/30
131-11-3	Dimethyl phthalate	ND		2780	2090	75	1960	70	6	40-140/30
117-81-7	bis(2-Ethylhexyl)phthalate	ND		2780	2390	86	2120	76	12	40-140/30
206-44-0	Fluoranthene	427		2780	2680	81	2390	70	11	40-140/30
86-73-7	Fluorene	74.2		2780	2090	73	1890	65	10	40-140/30
118-74-1	Hexachlorobenzene	ND		2780	2160	78	2020	72	7	40-140/30
87-68-3	Hexachlorobutadiene	ND		2780	1890	68	1860	66	2	40-140/30
77-47-4	Hexachlorocyclopentadiene	ND		2780	ND	0* b	ND	0* b	nc	40-140/30
67-72-1	Hexachloroethane	ND		2780	1530	55	1400	50	9	40-140/30
193-39-5	Indeno(1,2,3-cd)pyrene	180		2780	610	15* b	1500	47	84* a	40-140/30
78-59-1	Isophorone	ND		2780	1340	48	1230	44	9	40-140/30
91-57-6	2-Methylnaphthalene	91.1		2780	1950	67	1780	60	9	40-140/30
88-74-4	2-Nitroaniline	ND		2780	2130	77	2030	72	5	40-140/30
99-09-2	3-Nitroaniline	ND		2780	1020	37* b	1080	39* b	6	40-140/30
100-01-6	4-Nitroaniline	ND		2780	1130	41	1370	49	19	40-140/30
91-20-3	Naphthalene	78.0		2780	2010	70	1860	64	8	40-140/30
98-95-3	Nitrobenzene	ND		2780	1570	57	1480	53	6	40-140/30
621-64-7	N-Nitroso-di-n-propylamine	ND		2780	1770	64	1600	57	10	40-140/30
86-30-6	N-Nitrosodiphenylamine	ND		2780	2010	72	1950	70	3	40-140/30
85-01-8	Phenanthrene	292		2780	2410	76	2150	66	11	40-140/30
129-00-0	Pyrene	522		2780	2310	64	2030	54	13	40-140/30
120-82-1	1,2,4-Trichlorobenzene	ND		2780	1970	71	1900	68	4	40-140/30

CAS No.	Surrogate Recoveries	MS	MSD	MC4509-1	Limits
367-12-4	2-Fluorophenol	56%	46%		30-130%
4165-62-2	Phenol-d5	58%	52%		30-130%
118-79-6	2,4,6-Tribromophenol	58%	34%		30-130%
4165-60-0	Nitrobenzene-d5	57%	53%	54%	30-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26653-MS	U2892.D	1	10/20/11	KR	10/19/11	OP26653	MSU177
OP26653-MSD	U2893.D	1	10/20/11	KR	10/19/11	OP26653	MSU177
MC4509-1	U2894.D	1	10/20/11	KR	10/19/11	OP26653	MSU177

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4539-1, MC4539-2

CAS No.	Surrogate Recoveries	MS	MSD	MC4509-1	Limits
321-60-8	2-Fluorobiphenyl	66%	65%	66%	30-130%
1718-51-0	Terphenyl-d14	66%	58%	59%	30-130%

(a) High RPD due to possible matrix interference and/or sample non-homogeneity.
(b) Outside control limits due to possible matrix interference. Refer to Blank Spike.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26652-MS	U2914.D	1	10/21/11	KR	10/19/11	OP26652	MSU178
OP26652-MSD	U2915.D	1	10/21/11	KR	10/19/11	OP26652	MSU178
MC4292-4A	U2919.D	1	10/21/11	KR	10/19/11	OP26652	MSU178

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC4539-1A, MC4539-2A

CAS No.	Compound	MC4292-4A ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
95-48-7	2-Methylphenol	ND		1000	820	82	820	82	0	30-130/20
	3&4-Methylphenol	ND		2000	1610	81	1600	80	1	30-130/20
87-86-5	Pentachlorophenol	ND		1000	957	96	962	96	1	30-130/20
95-95-4	2,4,5-Trichlorophenol	ND		1000	996	100	963	96	3	30-130/20
88-06-2	2,4,6-Trichlorophenol	ND		1000	964	96	971	97	1	30-130/20
106-46-7	1,4-Dichlorobenzene	ND		500	441	88	439	88	0	40-140/20
121-14-2	2,4-Dinitrotoluene	ND		500	475	95	459	92	3	40-140/20
118-74-1	Hexachlorobenzene	ND		500	532	106	536	107	1	40-140/20
87-68-3	Hexachlorobutadiene	ND		500	472	94	476	95	1	40-140/20
67-72-1	Hexachloroethane	ND		500	383	77	384	77	0	40-140/20
98-95-3	Nitrobenzene	ND		500	389	78	399	80	3	40-140/20
110-86-1	Pyridine	ND		500	363	73	380	76	5	40-140/20

CAS No.	Surrogate Recoveries	MS	MSD	MC4292-4A	Limits
367-12-4	2-Fluorophenol	80%	79%	75%	15-110%
4165-62-2	Phenol-d5	75%	74%	70%	15-110%
118-79-6	2,4,6-Tribromophenol	109%	109%	100%	15-110%
4165-60-0	Nitrobenzene-d5	80%	80%	76%	30-130%
321-60-8	2-Fluorobiphenyl	93%	93%	88%	30-130%
1718-51-0	Terphenyl-d14	104%	101%	99%	30-130%

Semivolatile Surrogate Recovery Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Method: SW846 8270C **Matrix:** LEACHATE

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4	S5	S6
MC4539-1A	U2922.D	82.0	78.0	105.0	84.0	92.0	108.0
MC4539-2A	U2923.D	79.0	74.0	102.0	81.0	91.0	104.0
OP26652-BS	U2913.D	80.0	77.0	105.0	79.0	90.0	105.0
OP26652-MB	U2912.D	75.0	68.0	98.0	74.0	93.0	109.0
OP26652-MS	U2914.D	80.0	75.0	109.0	80.0	93.0	104.0
OP26652-MSD	U2915.D	79.0	74.0	109.0	80.0	93.0	101.0

Surrogate Compounds	Recovery Limits
S1 = 2-Fluorophenol	15-110%
S2 = Phenol-d5	15-110%
S3 = 2,4,6-Tribromophenol	15-110%
S4 = Nitrobenzene-d5	30-130%
S5 = 2-Fluorobiphenyl	30-130%
S6 = Terphenyl-d14	30-130%

Semivolatile Surrogate Recovery Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Method: SW846 8270C **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4	S5	S6
MC4539-1	U2904.D	52.0	49.0	75.0	54.0	67.0	72.0
MC4539-2	U2905.D	53.0	49.0	69.0	57.0	72.0	73.0
OP26653-BS	U2891.D	54.0	54.0	88.0	56.0	67.0	87.0
OP26653-MB	U2890.D	67.0	66.0	94.0	66.0	75.0	104.0
OP26653-MS	U2892.D	56.0	58.0	58.0	57.0	66.0	66.0
OP26653-MSD	U2893.D	46.0	52.0	34.0	53.0	65.0	58.0

Surrogate Compounds	Recovery Limits
S1 = 2-Fluorophenol	30-130%
S2 = Phenol-d5	30-130%
S3 = 2,4,6-Tribromophenol	30-130%
S4 = Nitrobenzene-d5	30-130%
S5 = 2-Fluorobiphenyl	30-130%
S6 = Terphenyl-d14	30-130%

New England ACCUTEST LABORATORIES

GC Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GBH1350-MB	BH24557.D	1	10/14/11	WS	n/a	n/a	GBH1350

The QC reported here applies to the following samples: **Method:** SW846 8015

MC4539-1, MC4539-2

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (VOA)	ND	5.0	0.95	mg/kg	

CAS No.	Surrogate Recoveries		Limits
615-59-8	2,5-Dibromotoluene	87%	36-148%

Blank Spike Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GBH1350-BSP	BH24558.D	1	10/14/11	WS	n/a	n/a	GBH1350

The QC reported here applies to the following samples: **Method:** SW846 8015

MC4539-1, MC4539-2

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-GRO (VOA)	20	20.2	101	67-133

CAS No.	Surrogate Recoveries	BSP	Limits
615-59-8	2,5-Dibromotoluene	84%	36-148%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC4561-1MS	BH24564.D	1	10/14/11	WS	n/a	n/a	GBH1350
MC4561-1MSD	BH24565.D	1	10/14/11	WS	n/a	n/a	GBH1350
MC4561-1	BH24563.D	1	10/14/11	WS	n/a	n/a	GBH1350

The QC reported here applies to the following samples: **Method:** SW846 8015

MC4539-1, MC4539-2

CAS No.	Compound	MC4561-1 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (VOA)	5.66		24.7	25.3	80	25.9	82	2	40-154/20

CAS No.	Surrogate Recoveries	MS	MSD	MC4561-1	Limits
615-59-8	2,5-Dibromotoluene	97%	96%	91%	36-148%

Volatile Surrogate Recovery Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Method: SW846 8015 **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]
MC4539-1	BH24567.D	89.0
MC4539-2	BH24566.D	87.0
GBH1350-BSP	BH24558.D	84.0
GBH1350-MB	BH24557.D	87.0
MC4561-1MS	BH24564.D	97.0
MC4561-1MSD	BH24565.D	96.0

Surrogate Compounds	Recovery Limits
S1 = 2,5-Dibromotoluene	36-148%

(a) Recovery from GC signal #1

New England ACCUTEST LABORATORIES

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26649-MB	BK6746.D	1	10/22/11	AP	10/19/11	OP26649	GBK281

The QC reported here applies to the following samples: **Method:** SW846 8151

MC4539-1A, MC4539-2A

CAS No.	Compound	Result	RL	MDL	Units	Q
94-75-7	2,4-D	ND	10	1.4	ug/l	
93-72-1	2,4,5-TP (Silvex)	ND	10	0.62	ug/l	

CAS No.	Surrogate Recoveries		Limits
19719-28-9	2,4-DCAA	90%	30-150%
19719-28-9	2,4-DCAA	89%	30-150%

Method Blank Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26638-MB	BK6650.D	1	10/19/11	PN	10/18/11	OP26638	GBK278

The QC reported here applies to the following samples: **Method:** SW846 8082

MC4539-1, MC4539-2

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	98	13	ug/kg	
11104-28-2	Aroclor 1221	ND	98	14	ug/kg	
11141-16-5	Aroclor 1232	ND	98	19	ug/kg	
53469-21-9	Aroclor 1242	ND	98	6.6	ug/kg	
12672-29-6	Aroclor 1248	ND	98	2.5	ug/kg	
11097-69-1	Aroclor 1254	ND	98	15	ug/kg	
11096-82-5	Aroclor 1260	ND	98	3.7	ug/kg	
1336-36-3	Total PCBs	ND	98	2.5	ug/kg	

CAS No.	Surrogate Recoveries		Limits
877-09-8	Tetrachloro-m-xylene	107%	30-150%
877-09-8	Tetrachloro-m-xylene	107%	30-150%
2051-24-3	Decachlorobiphenyl	103%	30-150%
2051-24-3	Decachlorobiphenyl	77%	30-150%

Method Blank Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26657-MB	BC55317.D	1	10/21/11	KD	10/19/11	OP26657	GBC2638

The QC reported here applies to the following samples: **Method:** SW846-8015

MC4539-1, MC4539-2

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (Semi-VOA)	ND	16	12	mg/kg	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	72%	40-140%

Leachate Blank Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26648-LB	YZ68609.D	1	10/20/11	CZ	10/19/11	OP26648	GYZ6547

The QC reported here applies to the following samples: **Method:** SW846 8081

MC4539-1A, MC4539-2A

CAS No.	Compound	Result	RL	MDL	Units	Q
58-89-9	gamma-BHC (Lindane)	ND	0.50	0.13	ug/l	
12789-03-6	Chlordane	ND	5.0	2.4	ug/l	
72-20-8	Endrin	ND	0.50	0.17	ug/l	
76-44-8	Heptachlor	ND	0.50	0.17	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.50	0.094	ug/l	
72-43-5	Methoxychlor	ND	0.50	0.20	ug/l	
8001-35-2	Toxaphene	ND	25	1.5	ug/l	

CAS No.	Surrogate Recoveries		Limits
877-09-8	Tetrachloro-m-xylene	75%	30-150%
877-09-8	Tetrachloro-m-xylene	99%	30-150%
2051-24-3	Decachlorobiphenyl	83%	30-150%
2051-24-3	Decachlorobiphenyl	79%	30-150%

Blank Spike Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26649-BS	BK6733.D	1	10/21/11	AP	10/19/11	OP26649	GBK281

The QC reported here applies to the following samples: **Method:** SW846 8151

MC4539-1A, MC4539-2A

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
94-75-7	2,4-D	10	8.6	86	40-140
93-72-1	2,4,5-TP (Silvex)	10	11.3	113	40-140

CAS No.	Surrogate Recoveries	BSP	Limits
19719-28-9	2,4-DCAA	116%	30-150%
19719-28-9	2,4-DCAA	144%	30-150%

Blank Spike Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26648-BS	YZ68610.D	1	10/20/11	CZ	10/19/11	OP26648	GYZ6547

The QC reported here applies to the following samples: **Method:** SW846 8081

MC4539-1A, MC4539-2A

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
58-89-9	gamma-BHC (Lindane)	2	2.5	125	40-140
72-20-8	Endrin	2	3.1	155* [a]	40-140
76-44-8	Heptachlor	2	2.8	140	40-140
1024-57-3	Heptachlor epoxide	2	2.9	145* [a]	40-140
72-43-5	Methoxychlor	2	3.3	165* [a]	40-140

CAS No.	Surrogate Recoveries	BSP	Limits
877-09-8	Tetrachloro-m-xylene	76%	30-150%
877-09-8	Tetrachloro-m-xylene	79%	30-150%
2051-24-3	Decachlorobiphenyl	85%	30-150%
2051-24-3	Decachlorobiphenyl	79%	30-150%

(a) Samples are non-detect for analyte.

Blank Spike/Blank Spike Duplicate Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26638-BS	BK6651.D	1	10/19/11	PN	10/18/11	OP26638	GBK278
OP26638-BSD	BK6652.D	1	10/19/11	PN	10/18/11	OP26638	GBK278

The QC reported here applies to the following samples: **Method:** SW846 8082

MC4539-1, MC4539-2

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
12674-11-2	Aroclor 1016	261	266	102	232	92	14	40-140/30
11104-28-2	Aroclor 1221		ND		ND		nc	40-140/30
11141-16-5	Aroclor 1232		ND		ND		nc	40-140/30
53469-21-9	Aroclor 1242		ND		ND		nc	40-140/30
12672-29-6	Aroclor 1248		ND		ND		nc	40-140/30
11097-69-1	Aroclor 1254		ND		ND		nc	40-140/30
11096-82-5	Aroclor 1260	261	271	104	238	95	13	40-140/30
1336-36-3	Total PCBs		538		470		13	50-150/30 [a]

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
877-09-8	Tetrachloro-m-xylene	101%	92%	30-150%
877-09-8	Tetrachloro-m-xylene	102%	98%	30-150%
2051-24-3	Decachlorobiphenyl	99%	91%	30-150%
2051-24-3	Decachlorobiphenyl	74%	67%	30-150%

(a) Advisory control limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26657-BS	BC55323.D	1	10/21/11	KD	10/19/11	OP26657	GBC2638
OP26657-BSD	BC55325.D	1	10/21/11	KD	10/19/11	OP26657	GBC2638

The QC reported here applies to the following samples: **Method:** SW846-8015

MC4539-1, MC4539-2

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	BSD mg/kg	BSD %	RPD	Limits Rec/RPD
	TPH-DRO (Semi-VOA)	35	15.8	45	23.2	64	38* [a]	45-127/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
84-15-1	o-Terphenyl	75%	78%	40-140%

(a) Range recovery satisfactory.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26649-MS	BK6739.D	1	10/21/11	AP	10/19/11	OP26649	GBK281
OP26649-MSD	BK6740.D	1	10/22/11	AP	10/19/11	OP26649	GBK281
MC4292-4A	BK6741.D	1	10/22/11	AP	10/19/11	OP26649	GBK281

The QC reported here applies to the following samples: **Method:** SW846 8151

MC4539-1A, MC4539-2A

CAS No.	Compound	MC4292-4A ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
94-75-7	2,4-D	ND		10	10.8	108	13.1	131	19	30-150/30
93-72-1	2,4,5-TP (Silvex)	ND		10	16.6	166* [a]	17.6	176* [a]	6	30-150/30

CAS No.	Surrogate Recoveries	MS	MSD	MC4292-4A	Limits
19719-28-9	2,4-DCAA	119%	131%	120%	30-150%
19719-28-9	2,4-DCAA	106%	117%	121%	30-150%

(a) Outside control limits due to possible matrix interference.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26648-MS	YZ68613.D	1	10/20/11	CZ	10/19/11	OP26648	GYZ6547
OP26648-MSD	YZ68614.D	1	10/20/11	CZ	10/19/11	OP26648	GYZ6547
MC4292-4A	YZ68615.D	1	10/20/11	CZ	10/19/11	OP26648	GYZ6547

The QC reported here applies to the following samples: **Method:** SW846 8081

MC4539-1A, MC4539-2A

CAS No.	Compound	MC4292-4A ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
58-89-9	gamma-BHC (Lindane)	ND		2	2.0	100	2.7	135	30	30-150/30
72-20-8	Endrin	ND		2	2.5	125	3.3	165* [a]	28	30-150/30
76-44-8	Heptachlor	ND		2	2.2	110	2.8	140	24	30-150/30
1024-57-3	Heptachlor epoxide	ND		2	2.5	125	3.1	155* [a]	21	30-150/30
72-43-5	Methoxychlor	ND		2	2.8	140	3.6	180* [a]	25	30-150/30

CAS No.	Surrogate Recoveries	MS	MSD	MC4292-4A	Limits
877-09-8	Tetrachloro-m-xylene	61%	82%	75%	30-150%
877-09-8	Tetrachloro-m-xylene	43%	83%	76%	30-150%
2051-24-3	Decachlorobiphenyl	39%	64%	78%	30-150%
2051-24-3	Decachlorobiphenyl	36%	59%	73%	30-150%

(a) Outside control limits due to possible matrix interference.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26638-MS	BK6653.D	1	10/19/11	PN	10/18/11	OP26638	GBK278
OP26638-MSD	BK6654.D	1	10/19/11	PN	10/18/11	OP26638	GBK278
MC4539-1	BK6655.D	1	10/19/11	PN	10/18/11	OP26638	GBK278

The QC reported here applies to the following samples: **Method:** SW846 8082

MC4539-1, MC4539-2

CAS No.	Compound	MC4539-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
12674-11-2	Aroclor 1016	110	U	278	323	116	233	82	32	40-140/50
11104-28-2	Aroclor 1221	110	U		ND		ND		nc	40-140/50
11141-16-5	Aroclor 1232	110	U		ND		ND		nc	40-140/50
53469-21-9	Aroclor 1242	110	U		ND		ND		nc	40-140/50
12672-29-6	Aroclor 1248	110	U		ND		ND		nc	40-140/50
11097-69-1	Aroclor 1254	148			316		260		19	40-140/50
11096-82-5	Aroclor 1260	110	U	278	448	161* [a]	318	112	34	40-140/50
1336-36-3	Total PCBs	148			1090		811		29	50-150/30 [b]

CAS No.	Surrogate Recoveries	MS	MSD	MC4539-1	Limits
877-09-8	Tetrachloro-m-xylene	124%	80%	99%	30-150%
877-09-8	Tetrachloro-m-xylene	130%	82%	97%	30-150%
2051-24-3	Decachlorobiphenyl	112%	78%	89%	30-150%
2051-24-3	Decachlorobiphenyl	92%	59%	66%	30-150%

(a) Outside control limits due to possible matrix interference.
(b) Advisory control limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP26657-MS	BC55327.D	1	10/21/11	KD	10/19/11	OP26657	GBC2638
OP26657-MSD	BC55329.D	1	10/21/11	KD	10/19/11	OP26657	GBC2638
MC4539-1	BC55319.D	1	10/21/11	KD	10/19/11	OP26657	GBC2638

The QC reported here applies to the following samples: **Method:** SW846-8015

MC4539-1, MC4539-2

CAS No.	Compound	MC4539-1 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-DRO (Semi-VOA)	26.4		38.1	40.4	63	51.2	79	24	30-154/50

CAS No.	Surrogate Recoveries	MS	MSD	MC4539-1	Limits
84-15-1	o-Terphenyl	72%	73%	68%	40-140%

Semivolatile Surrogate Recovery Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Method: SW846 8151 **Matrix:** LEACHATE

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]	S1 [b]
MC4539-1A	BK6735.D	95.0	91.0
MC4539-2A	BK6736.D	93.0	92.0
OP26649-BS	BK6733.D	116.0	144.0
OP26649-MB	BK6746.D	90.0	89.0
OP26649-MS	BK6739.D	119.0	106.0
OP26649-MSD	BK6740.D	131.0	117.0

Surrogate Compounds	Recovery Limits
S1 = 2,4-DCAA	30-150%

(a) Recovery from GC signal #1
(b) Recovery from GC signal #2

Semivolatile Surrogate Recovery Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Method: SW846 8081 **Matrix:** LEACHATE

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]	S1 [b]	S2 [a]	S2 [b]
MC4539-1A	YZ68619.D	114.0	103.0	129.0	120.0
MC4539-2A	YZ68620.D	101.0	89.0	114.0	104.0
OP26648-BS	YZ68610.D	76.0	79.0	85.0	79.0
OP26648-LB	YZ68609.D	75.0	99.0	83.0	79.0
OP26648-MS	YZ68613.D	61.0	43.0	39.0	36.0
OP26648-MSD	YZ68614.D	82.0	83.0	64.0	59.0

Surrogate Compounds	Recovery Limits
S1 = Tetrachloro-m-xylene	30-150%
S2 = Decachlorobiphenyl	30-150%

(a) Recovery from GC signal #1
(b) Recovery from GC signal #2

Semivolatile Surrogate Recovery Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Method: SW846 8082 **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]	S1 [b]	S2 [a]	S2 [b]
MC4539-1	BK6655.D	99.0	97.0	89.0	66.0
MC4539-2	BK6665.D	88.0	87.0	79.0	62.0
OP26638-BS	BK6651.D	101.0	102.0	99.0	74.0
OP26638-BSD	BK6652.D	92.0	98.0	91.0	67.0
OP26638-MB	BK6650.D	107.0	107.0	103.0	77.0
OP26638-MS	BK6653.D	124.0	130.0	112.0	92.0
OP26638-MSD	BK6654.D	80.0	82.0	78.0	59.0

Surrogate Compounds	Recovery Limits
S1 = Tetrachloro-m-xylene	30-150%
S2 = Decachlorobiphenyl	30-150%

(a) Recovery from GC signal #1
(b) Recovery from GC signal #2

Semivolatile Surrogate Recovery Summary

Job Number: MC4539
Account: GGSVAVB Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Method: SW846-8015 **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]
MC4539-1	BC55319.D	68.0
MC4539-2	BC55321.D	78.0
OP26657-BS	BC55323.D	75.0
OP26657-BSD	BC55325.D	78.0
OP26657-MB	BC55317.D	72.0
OP26657-MS	BC55327.D	72.0
OP26657-MSD	BC55329.D	73.0

Surrogate Compounds	Recovery Limits
S1 = o-Terphenyl	40-140%

(a) Recovery from GC signal #1

New England ACCUTEST LABORATORIES

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17938
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date: 10/14/11

Metal	RL	IDL	MDL	MB raw	final
Aluminum	20	2.4	2.6		
Antimony	1.0	.12	.12		
Arsenic	1.0	.083	.11	0.0	<1.0
Barium	5.0	.1	.1		
Beryllium	0.40	.024	.026		
Boron	10	.051	.06		
Cadmium	0.40	.018	.018	0.010	<0.40
Calcium	500	2.6	2.6		
Chromium	1.0	.066	.076	0.040	<1.0
Cobalt	5.0	.016	.016		
Copper	2.5	.13	.15		
Gold	5.0	.22	.22		
Iron	10	1.4	1.4		
Lead	1.0	.12	.15	-0.040	<1.0
Magnesium	500	7.1	7.1		
Manganese	1.5	.015	.017		
Molybdenum	10	.022	.036		
Nickel	4.0	.022	.076		
Palladium	5.0	.24	.31		
Platinum	5.0	.62	.76		
Potassium	500	8.6	8.6		
Selenium	1.0	.21	.21		
Silicon	10	.22	.22		
Silver	0.50	.076	.11		
Sodium	500	2.1	2.1		
Strontium	1.0	.03	.035		
Thallium	1.0	.083	.11		
Tin	10	.045	.049		
Titanium	5.0	.061	.061		
Tungsten	10	.77	1.3		
Vanadium	1.0	.12	.14		
Zinc	2.0	.012	.11		

Associated samples MP17938: MC4539-1, MC4539-2

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17938
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17938
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date: 10/14/11

Metal	MC4539-1 Original	MS	Spikelot MPICP	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic	14.5	52.9	43.5	88.3	75-125
Barium					
Beryllium					
Boron					
Cadmium	0.19	41.8	43.5	95.7	75-125
Calcium					
Chromium	36.2	70.1	43.5	77.9 (a)	75-125
Cobalt					
Copper					
Gold					
Iron					
Lead	48.4	131	87	94.9	75-125
Magnesium					
Manganese					
Molybdenum					
Nickel					
Palladium					
Platinum					
Potassium					
Selenium					
Silicon					
Silver					
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Tungsten					
Vanadium					
Zinc					

Associated samples MP17938: MC4539-1, MC4539-2

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17938 Methods: SW846 6010C
Matrix Type: SOLID Units: mg/kg

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17938
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date: 10/14/11

Metal	MC4539-1 Original	MSD	Spikelot MPICP	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	14.5	53.1	43.5	88.7	0.4	20
Barium						
Beryllium						
Boron						
Cadmium	0.19	41.6	43.5	95.2	0.5	20
Calcium						
Chromium	36.2	72.7	43.5	83.9	3.6	20
Cobalt						
Copper						
Gold						
Iron						
Lead	48.4	125	87	88.1	4.7	20
Magnesium						
Manganese						
Molybdenum						
Nickel						
Palladium						
Platinum						
Potassium						
Selenium						
Silicon						
Silver						
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Tungsten						
Vanadium						
Zinc						

Associated samples MP17938: MC4539-1, MC4539-2

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17938
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17938
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:			10/14/11				10/14/11	
Metal	BSP Result	Spikelot MPICP	% Rec	QC Limits	LCS Result	Spikelot MPLCS73	% Rec	QC Limits
Aluminum								
Antimony								
Arsenic	49.2	50	98.4	80-120	116	124	93.5	78-122
Barium								
Beryllium								
Boron								
Cadmium	51.2	50	102.4	80-120	113	116	97.4	81-119
Calcium								
Chromium	47.7	50	95.4	80-120	88.5	95.9	92.3	77-123
Cobalt								
Copper								
Gold								
Iron								
Lead	100	100	100.0	80-120	130	137	94.9	77-123
Magnesium								
Manganese								
Molybdenum								
Nickel								
Palladium								
Platinum								
Potassium								
Selenium								
Silicon								
Silver								
Sodium								
Strontium								
Thallium								
Tin								
Titanium								
Tungsten								
Vanadium								
Zinc								

Associated samples MP17938: MC4539-1, MC4539-2

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17938
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17938
Matrix Type: SOLID

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/14/11

Metal	MC4539-1 Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	168	179	6.6	0-10
Barium				
Beryllium				
Boron				
Cadmium	2.20	2.50	13.6 (a)	0-10
Calcium				
Chromium	419	445	6.0	0-10
Cobalt				
Copper				
Gold				
Iron				
Lead	561	603	7.5	0-10
Magnesium				
Manganese				
Molybdenum				
Nickel				
Palladium				
Platinum				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Tungsten				
Vanadium				
Zinc				

Associated samples MP17938: MC4539-1, MC4539-2

SERIAL DILUTION RESULTS SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17938
Matrix Type: SOLID

Methods: SW846 6010C
Units: ug/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

POST DIGESTATE SPIKE SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17938
Matrix Type: SOLID

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/14/11

Metal	Sample ml	Final ml	MC4539-1 Raw	Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Aluminum										
Antimony										
Barium										
Beryllium										
Boron										
Cadmium	10	10.5	2.2	2.095238	184.3	.5	4	190.4762	95.7	75-125
Calcium										
Cobalt										
Copper										
Gold										
Iron										
Magnesium										
Manganese										
Molybdenum										
Nickel										
Palladium										
Platinum										
Potassium										
Selenium										
Silicon										
Silver										
Sodium										
Strontium										
Thallium										
Tin										
Titanium										
Tungsten										
Vanadium										
Zinc										

Associated samples MP17938: MC4539-1, MC4539-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(**) Corr. sample result = Raw * (sample volume / final volume)
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17941
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date: 10/14/11

Metal	RL	IDL	MDL	MB raw	final
Aluminum	0.20	.024	.04		
Antimony	0.0060	.0012	.002		
Arsenic	0.010	.00083	.0011	-0.00050	<0.010
Barium	0.50	.001	.001	0.00090	<0.50
Beryllium	0.0040	.00024	.00024		
Boron	0.10	.00051	.0018		
Cadmium	0.0040	.00018	.00018	0.00020	<0.0040
Calcium	5.0	.026	.026		
Chromium	0.010	.00066	.00066	0.00020	<0.010
Cobalt	0.050	.00016	.00022		
Copper	0.025	.0013	.0025		
Gold	0.050	.0022	.0029		
Iron	0.10	.014	.014		
Lead	0.010	.0012	.0014	0.0	<0.010
Magnesium	5.0	.071	.11		
Manganese	0.015	.00015	.00043		
Molybdenum	0.10	.00022	.00036		
Nickel	0.040	.00022	.00035		
Palladium	0.050	.0024	.0034		
Platinum	0.050	.0062	.015		
Potassium	5.0	.086	.086		
Selenium	0.025	.0021	.0021	0.0022	<0.025
Silicon	0.10	.0022	.018		
Silver	0.0050	.00076	.001	0.00030	<0.0050
Sodium	5.0	.021	.041		
Strontium	0.010	.0003	.00038		
Thallium	0.0050	.00083	.00088		
Tin	0.10	.00045	.00047		
Titanium	0.050	.00061	.001		
Tungsten	0.10	.0077	.013		
Vanadium	0.010	.0012	.0015		
Zinc	0.10	.00012	.00061		

Associated samples MP17941: MC4539-1A, MC4539-2A

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17941
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17941
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date: 10/14/11

Metal	MC4497-1 Original	MS	Spikelot MPICP	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic	0.0	0.55	0.50	110.0	75-125
Barium	0.13	2.0	2.0	93.5	75-125
Beryllium					
Boron					
Cadmium	0.0020	0.56	0.50	111.6	75-125
Calcium					
Chromium	0.00090	0.48	0.50	95.8	75-125
Cobalt					
Copper					
Gold					
Iron					
Lead	0.0086	0.97	1.0	96.1	75-125
Magnesium					
Manganese					
Molybdenum					
Nickel					
Palladium					
Platinum					
Potassium					
Selenium	0.0058	0.61	0.50	120.8(a)	75-125
Silicon					
Silver	0.0	0.24	0.20	120.0	75-125
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Tungsten					
Vanadium					
Zinc					

Associated samples MP17941: MC4539-1A, MC4539-2A

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17941
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17941
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date: 10/14/11

Metal	MC4497-1 Original	MSD	Spikelot MPICP	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	0.0	0.54	0.50	108.0	1.8	20
Barium	0.13	2.0	2.0	93.5	0.0	20
Beryllium						
Boron						
Cadmium	0.0020	0.56	0.50	111.6	0.0	20
Calcium						
Chromium	0.00090	0.47	0.50	93.8	2.1	20
Cobalt						
Copper						
Gold						
Iron						
Lead	0.0086	0.97	1.0	96.1	0.0	20
Magnesium						
Manganese						
Molybdenum						
Nickel						
Palladium						
Platinum						
Potassium						
Selenium	0.0058	0.61	0.50	120.8(a)	0.0	20
Silicon						
Silver	0.0	0.23	0.20	115.0	4.3	20
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Tungsten						
Vanadium						
Zinc						

Associated samples MP17941: MC4539-1A, MC4539-2A

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17941
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) Spike duplicate recovery indicates possible matrix interference and/or sample nonhomogeneity.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17941
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date: 10/14/11

Metal	BSP Result	Spikelot MPICP	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	0.52	0.50	104.0	80-120
Barium	1.8	2.0	90.0	80-120
Beryllium				
Boron				
Cadmium	0.54	0.50	108.0	80-120
Calcium				
Chromium	0.46	0.50	92.0	80-120
Cobalt				
Copper				
Gold				
Iron				
Lead	0.95	1.0	95.0	80-120
Magnesium				
Manganese				
Molybdenum				
Nickel				
Palladium				
Platinum				
Potassium				
Selenium	0.60	0.50	120.0	80-120
Silicon				
Silver	0.23	0.20	115.0	80-120
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Tungsten				
Vanadium				
Zinc				

Associated samples MP17941: MC4539-1A, MC4539-2A

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17941
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17941
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/14/11

Metal	MC4497-1 Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	0.00	0.00	NC	0-10
Barium	131	147	12.5 (a)	0-10
Beryllium				
Boron				
Cadmium	2.00	2.30	15.0 (b)	0-10
Calcium				
Chromium	0.900	0.00	100.0(b)	0-10
Cobalt				
Copper				
Gold				
Iron				
Lead	8.60	7.20	16.3 (b)	0-10
Magnesium				
Manganese				
Molybdenum				
Nickel				
Palladium				
Platinum				
Potassium				
Selenium	5.80	0.00	100.0(b)	0-10
Silicon				
Silver	0.00	0.00	NC	0-10
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Tungsten				
Vanadium				
Zinc				

Associated samples MP17941: MC4539-1A, MC4539-2A

SERIAL DILUTION RESULTS SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17941
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: ug/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Serial Dilution RPD acceptable due to low duplicate and sample concentrations.
(b) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

POST DIGESTATE SPIKE SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17941
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/14/11

Metal	Sample ml	Final ml	MC4497-1 Raw	Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Aluminum										
Antimony										
Arsenic	10	10.5	0	0	200.8	.5	4	190.4762	105.4	75-125
Barium	10	10.5	130.9	124.6667	2444	.5	50	2380.952	97.4	75-125
Beryllium										
Boron										
Cadmium	10	10.5	2	1.904762	219.6	.5	4	190.4762	114.3	75-125
Calcium										
Chromium	10	10.5	0.9	0.8571429	475.4	.5	10	476.1905	99.7	75-125
Cobalt										
Copper										
Gold										
Iron										
Lead	10	10.5	8.6	8.190476	254.9	.5	5	238.0952	103.6	75-125
Magnesium										
Manganese										
Molybdenum										
Nickel										
Palladium										
Platinum										
Potassium										
Selenium	10	10.5	5.8	5.52381	596	.5	10	476.1905	124.0	75-125
Silicon										
Silver	10	10.5	0	0	280.7	.5	5	238.0952	117.9	75-125
Sodium										
Strontium										
Thallium										
Tin										
Titanium										
Tungsten										
Vanadium										
Zinc										

Associated samples MP17941: MC4539-1A, MC4539-2A

POST DIGESTATE SPIKE SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17941
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: ug/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(**) Corr. sample result = Raw * (sample volume / final volume)
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17942
Matrix Type: SOLID

Methods: SW846 7471B
Units: mg/kg

Prep Date: 10/15/11

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.033	.004	.0058	-0.00050	<0.033

Associated samples MP17942: MC4539-1, MC4539-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17942
Matrix Type: SOLID

Methods: SW846 7471B
Units: mg/kg

Prep Date: 10/15/11

Metal	MC4539-1 Original	MS	Spikelot HGRWS1	% Rec	QC Limits
Mercury	0.036	0.50	0.469	98.9	75-125

Associated samples MP17942: MC4539-1, MC4539-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17942
Matrix Type: SOLID

Methods: SW846 7471B
Units: mg/kg

Prep Date: 10/15/11

Metal	MC4539-1 Original	MSD	Spikelot HGRWS1	% Rec	MSD RPD	QC Limit
Mercury	0.036	0.51	0.469	101.1	2.0	20

Associated samples MP17942: MC4539-1, MC4539-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17942
Matrix Type: SOLID

Methods: SW846 7471B
Units: mg/kg

Prep Date:		10/15/11				10/15/11		
Metal	BSP Result	Spikelot HGRWS1	% Rec	QC Limits	LCS Result	Spikelot HGLCS74	% Rec	QC Limits
Mercury	0.50	0.5	100.0	80-120	3.8	4.13	92.0	46-134

Associated samples MP17942: MC4539-1, MC4539-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

9.3.3

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BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17948
Matrix Type: LEACHATE

Methods: SW846 7470A
Units: mg/l

Prep Date: 10/15/11

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.00020	.000018	.000029	-0.000014	<0.00020

Associated samples MP17948: MC4539-1A, MC4539-2A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17948
Matrix Type: LEACHATE

Methods: SW846 7470A
Units: mg/l

Prep Date: 10/15/11

Metal	MC4497-1 Original	MS	Spikelot HGRWS1	% Rec	QC Limits
Mercury	0.0	0.0033	0.0030	110.0	75-125

Associated samples MP17948: MC4539-1A, MC4539-2A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17948
Matrix Type: LEACHATE

Methods: SW846 7470A
Units: mg/l

Prep Date: 10/15/11

Metal	MC4497-1 Original	MSD	Spikelot HGRWS1	% Rec	MSD RPD	QC Limit
Mercury	0.0	0.0035	0.0030	116.7	5.9	

Associated samples MP17948: MC4539-1A, MC4539-2A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

QC Batch ID: MP17948
Matrix Type: LEACHATE

Methods: SW846 7470A
Units: mg/l

Prep Date: 10/15/11

Metal	BSP Result	Spikelot HGRWS1	% Rec	QC Limits
Mercury	0.0032	0.0030	106.7	80-120

Associated samples MP17948: MC4539-1A, MC4539-2A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

New England ACCUTEST LABORATORIES

General Chemistry

QC Data Summaries

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Cyanide Reactivity	GP13662/GN36574	1.5	<1.5	mg/kg	250	21.1	8.4	-%
Sulfide Reactivity	GP13663/GN36575	50	<50	mg/kg	460	400	87.0	-%

Associated Samples:
Batch GP13662: MC4539-1, MC4539-2
Batch GP13663: MC4539-1, MC4539-2
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Corrosivity as pH	GN36535	MC4506-3		12.0	11.8	0.0	0-%
Cyanide Reactivity	GP13662/GN36574	MC4577-1	mg/kg	U	<1.6	0.0	0-20%
Ignitability (Flashpoint)	GN36538	MC4497-1	Deg. F	>230	>230	0.0	0-20%
Solids, Percent	GN36529	MC4539-1	%	92.7	93.1	0.4	0-20%
Sulfide Reactivity	GP13663/GN36575	MC4577-1	mg/kg	U	<54	0.0	0-20%

Associated Samples:
Batch GN36529: MC4539-1, MC4539-2
Batch GN36535: MC4539-1, MC4539-2
Batch GN36538: MC4539-1, MC4539-2
Batch GP13662: MC4539-1, MC4539-2
Batch GP13663: MC4539-1, MC4539-2
(*) Outside of QC limits

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: MC4539
Account: GGSVAVB - Global General Services
Project: Kittery Maine Site 30 Disposal Samples

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Cyanide Reactivity	GP13662/GN36574	MC4577-1	mg/kg	U	269	22.7	8.5	-%
Sulfide Reactivity	GP13663/GN36575	MC4577-1	mg/kg	U	494	430	87.0	-%

Associated Samples:
Batch GP13662: MC4539-1, MC4539-2
Batch GP13663: MC4539-1, MC4539-2
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits

LabLink Analytical Data Report

Kittery Maine Site 30 Disposal Samples 139799

Including: TCLP Maximum Contaminant Concentrations (40 CFR 261 6/96)

Sample	Parameter	Cas No.	Method	Result	Qual	Units	RL	LOD	DF	TCLP Limit	Client ID	Collected	Time
MC4539-1	TPH-DRO (Semi-VOA)		SW846-8015	26.4		mg/kg	18	13	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Aroclor 1016	12674-11-2	SW846 8082	36	U	ug/kg	110	36	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Aroclor 1221	11104-28-2	SW846 8082	36	U	ug/kg	110	36	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Aroclor 1232	11141-16-5	SW846 8082	36	U	ug/kg	110	36	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Aroclor 1242	53469-21-9	SW846 8082	7.2	U	ug/kg	110	7.2	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Aroclor 1248	12672-29-6	SW846 8082	7.1	U	ug/kg	110	7.1	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Aroclor 1254	11097-69-1	SW846 8082	148		ug/kg	110	36	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Aroclor 1260	11096-82-5	SW846 8082	7.1	U	ug/kg	110	7.1	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Total PCBs	1336-36-3	SW846 8082	148		ug/kg	110	7.1	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Tetrachloro-m-xylene	877-09-8	SW846 8082	99		%			1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Tetrachloro-m-xylene	877-09-8	SW846 8082	97		%			1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Decachlorobiphenyl	2051-24-3	SW846 8082	89		%			1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Decachlorobiphenyl	2051-24-3	SW846 8082	66		%			1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	o-Terphenyl	84-15-1	SW846-8015	68		%			1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	TPH-GRO (VOA)		SW846 8015	1.7	U	mg/kg	8.7	1.7	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	2,5-Dibromotoluene	615-59-8	SW846 8015	89		%			1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Corrosivity as pH		SW846 CHAP7	3.9					1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Cyanide Reactivity		SW846 CHAP7	1.6	U	mg/kg	1.6	1.6	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Sulfide Reactivity		SW846 CHAP7	54	U	mg/kg	54	54	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Ignitability (Flashpoint)		SW846 1020	>230	>	Deg. F			1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Solids, Percent		SM21 2540 B MOD.	92.7		%			1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Arsenic	7440-38-2	SW846 6010C	14.5	Q	mg/kg	0.86	0.12	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Cadmium	7440-43-9	SW846 6010C	0.19	J	mg/kg	0.35	0.052	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Chromium (a)	7440-47-3	SW846 6010C	36.2	J	mg/kg	0.86	0.12	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Lead	7439-92-1	SW846 6010C	48.4		mg/kg	0.86	0.30	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Mercury	7439-97-6	SW846 7471B	0.036		mg/kg	0.032	0.011	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	2-Chlorophenol	95-57-8	SW846 8270C	14	U	ug/kg	260	14	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	4-Chloro-3-methyl phenol	59-50-7	SW846 8270C	18	U	ug/kg	520	18	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	2,4-Dichlorophenol	120-83-2	SW846 8270C	31	U	ug/kg	520	31	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	2,4-Dimethylphenol	105-67-9	SW846 8270C	52	U	ug/kg	520	52	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	2,4-Dinitrophenol	51-28-5	SW846 8270C	260	U	ug/kg	1000	260	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	4,6-Dinitro-o-cresol	534-52-1	SW846 8270C	260	U	ug/kg	520	260	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	2-Methylphenol	95-48-7	SW846 8270C	15	U	ug/kg	520	15	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	3&4-Methylphenol		SW846 8270C	28	U	ug/kg	520	28	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	2-Nitrophenol	88-75-5	SW846 8270C	31	U	ug/kg	520	31	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	4-Nitrophenol	100-02-7	SW846 8270C	260	U	ug/kg	1000	260	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Pentachlorophenol	87-86-5	SW846 8270C	49	U	ug/kg	520	49	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Phenol	108-95-2	SW846 8270C	43	U	ug/kg	260	43	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	2,4,5-Trichlorophenol	95-95-4	SW846 8270C	39	U	ug/kg	520	39	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	2,4,6-Trichlorophenol	88-06-2	SW846 8270C	36	U	ug/kg	520	36	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Acenaphthene	83-32-9	SW846 8270C	22	U	ug/kg	260	22	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Acenaphthylene	208-96-8	SW846 8270C	20	U	ug/kg	260	20	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Anthracene	120-12-7	SW846 8270C	21	U	ug/kg	260	21	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Benzo(a)anthracene	56-55-3	SW846 8270C	9.6	U	ug/kg	260	9.6	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Benzo(a)pyrene	50-32-8	SW846 8270C	16	U	ug/kg	260	16	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Benzo(b)fluoranthene	205-99-2	SW846 8270C	31	U	ug/kg	260	31	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Benzo(g,h,i)perylene	191-24-2	SW846 8270C	17	U	ug/kg	260	17	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Benzo(k)fluoranthene	207-08-9	SW846 8270C	7.7	U	ug/kg	260	7.7	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	4-Bromophenyl phenyl ether	101-55-3	SW846 8270C	21	U	ug/kg	260	21	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Butyl benzyl phthalate	85-68-7	SW846 8270C	11	U	ug/kg	260	11	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	2-Chloronaphthalene	91-58-7	SW846 8270C	22	U	ug/kg	260	22	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	4-Chloroaniline	106-47-8	SW846 8270C	130	U	ug/kg	520	130	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Carbazole	86-74-8	SW846 8270C	21	U	ug/kg	260	21	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Chrysene	218-01-9	SW846 8270C	11.4	J	ug/kg	260	8.5	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	bis(2-Chloroethoxy)methane	111-91-1	SW846 8270C	20	U	ug/kg	260	20	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	bis(2-Chloroethyl)ether	111-44-4	SW846 8270C	5.6	U	ug/kg	260	5.6	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	bis(2-Chloroisopropyl)ether	108-60-1	SW846 8270C	25	U	ug/kg	260	25	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	4-Chlorophenyl phenyl ether	7005-72-3	SW846 8270C	23	U	ug/kg	260	23	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	1,2-Dichlorobenzene	95-50-1	SW846 8270C	21	U	ug/kg	260	21	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	1,3-Dichlorobenzene	541-73-1	SW846 8270C	22	U	ug/kg	260	22	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	1,4-Dichlorobenzene	106-46-7	SW846 8270C	22	U	ug/kg	260	22	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	2,4-Dinitrotoluene	121-14-2	SW846 8270C	130	U	ug/kg	520	130	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	2,6-Dinitrotoluene	606-20-2	SW846 8270C	25	U	ug/kg	520	25	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	3,3'-Dichlorobenzidine	91-94-1	SW846 8270C	6.3	U	ug/kg	260	6.3	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Dibenzo(a,h)anthracene	53-70-3	SW846 8270C	17	U	ug/kg	260	17	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Dibenzofuran	132-64-9	SW846 8270C	22	U	ug/kg	260	22	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Di-n-butyl phthalate	84-74-2	SW846 8270C	24	U	ug/kg	260	24	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Di-n-octyl phthalate	117-84-0	SW846 8270C	14	U	ug/kg	260	14	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Diethyl phthalate	84-66-2	SW846 8270C	23	U	ug/kg	260	23	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Dimethyl phthalate	131-11-3	SW846 8270C	18	U	ug/kg	260	18	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	bis(2-Ethylhexyl)phthalate	117-81-7	SW846 8270C	95.3	J	ug/kg	260	18	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Fluoranthene	206-44-0	SW846 8270C	18.1	J	ug/kg	260	8.9	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Fluorene	86-73-7	SW846 8270C	5.8	U	ug/kg	260	5.8	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Hexachlorobenzene	118-74-1	SW846 8270C	23	U	ug/kg	260	23	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Hexachlorobutadiene	87-68-3	SW846 8270C	21	U	ug/kg	260	21	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Hexachlorocyclopentadiene	77-47-4	SW846 8270C	3.5	U	ug/kg	520	3.5	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Hexachloroethane	67-72-1	SW846 8270C	21	U	ug/kg	260	21	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Indeno(1,2,3-cd)pyrene	193-39-5	SW846 8270C	16	U	ug/kg	260	16	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Isophorone	78-59-1	SW846 8270C	26	U	ug/kg	260	26	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	2-Methylnaphthalene	91-57-6	SW846 8270C	22	U	ug/kg	260	22	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	2-Nitroaniline	88-74-4	SW846 8270C	130	U	ug/kg	520	130	1	------	139799-WASTE-S-002	10/11/2011	9:55

LabLink Analytical Data Report

Kittery Maine Site 30 Disposal Samples 139799

Including: TCLP Maximum Contaminant Concentrations (40 CFR 261 6/96)

Sample	Parameter	Cas No.	Method	Result	Qual	Units	RL	LOD	DF	TCLP Limit	Client ID	Collected	Time
MC4539-1	3-Nitroaniline	99-09-2	SW846 8270C	130	U	ug/kg	520	130	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	4-Nitroaniline	100-01-6	SW846 8270C	19	U	ug/kg	520	19	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Naphthalene	91-20-3	SW846 8270C	6.1	U	ug/kg	260	6.1	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Nitrobenzene	98-95-3	SW846 8270C	7.7	U	ug/kg	260	7.7	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	N-Nitroso-di-n-propylamine	621-64-7	SW846 8270C	17	U	ug/kg	260	17	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	N-Nitrosodiphenylamine	86-30-6	SW846 8270C	14	U	ug/kg	260	14	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Phenanthrene	85-01-8	SW846 8270C	12.9	J	ug/kg	260	6.7	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Pyrene	129-00-0	SW846 8270C	17.2	J	ug/kg	260	8.4	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	1,2,4-Trichlorobenzene	120-82-1	SW846 8270C	23	U	ug/kg	260	23	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	2-Fluorophenol	367-12-4	SW846 8270C	52		%			1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Phenol-d5	4165-62-2	SW846 8270C	49		%			1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	2,4,6-Tribromophenol	118-79-6	SW846 8270C	75		%			1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Nitrobenzene-d5	4165-60-0	SW846 8270C	54		%			1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	2-Fluorobiphenyl	321-60-8	SW846 8270C	67		%			1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Terphenyl-d14	1718-51-0	SW846 8270C	72		%			1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Acetone	67-64-1	SW846 8260B	10.2		ug/kg	3.6	3.6	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Benzene	71-43-2	SW846 8260B	0.18	U	ug/kg	0.36	0.18	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Bromodichloromethane	75-27-4	SW846 8260B	0.36	U	ug/kg	1.4	0.36	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Bromoform	75-25-2	SW846 8260B	0.36	U	ug/kg	1.4	0.36	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Bromomethane	74-83-9	SW846 8260B	1.4	U	ug/kg	1.4	1.4	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	2-Butanone (MEK)	78-93-3	SW846 8260B	1.4	U	ug/kg	3.6	1.4	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Carbon disulfide	75-15-0	SW846 8260B	13.9		ug/kg	3.6	1.4	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Carbon tetrachloride	56-23-5	SW846 8260B	0.36	U	ug/kg	1.4	0.36	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Chlorobenzene	108-90-7	SW846 8260B	0.18	U	ug/kg	1.4	0.18	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Chloroethane	75-00-3	SW846 8260B	0.36	U	ug/kg	3.6	0.36	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Chloroform	67-66-3	SW846 8260B	0.36	U	ug/kg	1.4	0.36	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Chloromethane	74-87-3	SW846 8260B	1.4	U	ug/kg	3.6	1.4	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Dibromochloromethane	124-48-1	SW846 8260B	1.4	U	ug/kg	1.4	1.4	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	1,1-Dichloroethane	75-34-3	SW846 8260B	0.36	U	ug/kg	1.4	0.36	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	1,2-Dichloroethane	107-06-2	SW846 8260B	0.36	U	ug/kg	1.4	0.36	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	1,1-Dichloroethene	75-35-4	SW846 8260B	0.36	U	ug/kg	1.4	0.36	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	cis-1,2-Dichloroethene	156-59-2	SW846 8260B	0.36	U	ug/kg	1.4	0.36	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	trans-1,2-Dichloroethene	156-60-5	SW846 8260B	0.36	U	ug/kg	1.4	0.36	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	1,2-Dichloropropane	78-87-5	SW846 8260B	0.36	U	ug/kg	1.4	0.36	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	cis-1,3-Dichloropropene	10061-01-5	SW846 8260B	1.4	U	ug/kg	1.4	1.4	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	trans-1,3-Dichloropropene	10061-02-6	SW846 8260B	1.4	U	ug/kg	1.4	1.4	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Ethylbenzene	100-41-4	SW846 8260B	0.8	J	ug/kg	1.4	0.36	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	2-Hexanone	591-78-6	SW846 8260B	3.6	U	ug/kg	3.6	3.6	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	4-Methyl-2-pentanone (MIBK)	108-10-1	SW846 8260B	1.4	U	ug/kg	3.6	1.4	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Methylene chloride	75-09-2	SW846 8260B	0.36	U	ug/kg	1.4	0.36	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Styrene	100-42-5	SW846 8260B	0.36	U	ug/kg	3.6	0.36	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	1,1,2,2-Tetrachloroethane	79-34-5	SW846 8260B	0.36	U	ug/kg	1.4	0.36	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Tetrachloroethene	127-18-4	SW846 8260B	0.36	U	ug/kg	1.4	0.36	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Toluene	108-88-3	SW846 8260B	2.7	J	ug/kg	3.6	0.36	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	1,1,1-Trichloroethane	71-55-6	SW846 8260B	0.36	U	ug/kg	1.4	0.36	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	1,1,2-Trichloroethane	79-00-5	SW846 8260B	0.36	U	ug/kg	1.4	0.36	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Trichloroethene	79-01-6	SW846 8260B	0.36	U	ug/kg	1.4	0.36	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Vinyl chloride	75-01-4	SW846 8260B	1.4	U	ug/kg	1.4	1.4	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Xylene (total)	1330-20-7	SW846 8260B	3		ug/kg	1.4	0.36	1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Dibromofluoromethane	1868-53-7	SW846 8260B	105		%			1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	Toluene-D8	2037-26-5	SW846 8260B	102		%			1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1	4-Bromofluorobenzene	460-00-4	SW846 8260B	100		%			1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	2,4-D	94-75-7	SW846 8151	0.0014	U	mg/l	0.010	0.0014	1	10	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	2,4,5-TP (Silvex)	93-72-1	SW846 8151	0.0013	U	mg/l	0.010	0.0013	1	1.0	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	gamma-BHC (Lindane)	58-89-9	SW846 8081	0.00025	U	mg/l	0.00050	0.00025	1	0.40	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	Chlordane	12789-03-6	SW846 8081	0.0050	U	mg/l	0.0050	0.0050	1	0.030	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	Endrin	72-20-8	SW846 8081	0.00025	U	mg/l	0.00050	0.00025	1	0.020	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	Heptachlor	76-44-8	SW846 8081	0.00025	U	mg/l	0.00050	0.00025	1	0.0080	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	Heptachlor epoxide	1024-57-3	SW846 8081	0.00025	U	mg/l	0.00050	0.00025	1	0.0080	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	Methoxychlor	72-43-5	SW846 8081	0.00025	U	mg/l	0.00050	0.00025	1	10	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	Toxaphene	8001-35-2	SW846 8081	0.0025	U	mg/l	0.025	0.0025	1	0.50	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	2,4-DCAA	19719-28-9	SW846 8151	95		%			1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	2,4-DCAA	19719-28-9	SW846 8151	91		%			1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	Tetrachloro-m-xylene	877-09-8	SW846 8081	100		%			1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	Tetrachloro-m-xylene	877-09-8	SW846 8081	110		%			1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	Decachlorobiphenyl	2051-24-3	SW846 8081	130		%			1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	Decachlorobiphenyl	2051-24-3	SW846 8081	120		%			1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	Arsenic	7440-38-2	SW846 6010C	0.0035	U	mg/l	0.010	0.0035	1	5.0	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	Barium	7440-39-3	SW846 6010C	0.092	J,Q	mg/l	0.50	0.0010	1	100	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	Cadmium	7440-43-9	SW846 6010C	0.0035	J	mg/l	0.0040	0.00060	1	1.0	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	Chromium	7440-47-3	SW846 6010C	0.0044	J	mg/l	0.010	0.0010	1	5.0	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	Lead	7439-92-1	SW846 6010C	0.037	Q	mg/l	0.010	0.0035	1	5.0	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	Mercury	7439-97-6	SW846 7470A	0.000058	U	mg/l	0.00020	0.000058	1	0.20	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	Selenium	7782-49-2	SW846 6010C	0.0054	J	mg/l	0.025	0.0035	1	1.0	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	Silver	7440-22-4	SW846 6010C	0.0010	U	mg/l	0.0050	0.0010	1	5.0	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	2-Methylphenol	95-48-7	SW846 8270C	0.020	U	mg/l	0.10	0.020	1	200	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	3&4-Methylphenol		SW846 8270C	0.010	U	mg/l	0.10	0.010	1	200	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	Pentachlorophenol	87-86-5	SW846 8270C	0.020	U	mg/l	0.10	0.020	1	100	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	2,4,5-Trichlorophenol	95-95-4	SW846 8270C	0.0050	U	mg/l	0.10	0.0050	1	400	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	2,4,6-Trichlorophenol	88-06-2	SW846 8270C	0.0050	U	mg/l	0.10	0.0050	1	2.0	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	1,4-Dichlorobenzene	106-46-7	SW846 8270C	0.0050	U	mg/l	0.050	0.0050	1	7.5	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	2,4-Dinitrotoluene	121-14-2	SW846 8270C	0.020	U	mg/l	0.10	0.020	1	0.13	139799-WASTE-S-002	10/11/2011	9:55

LabLink Analytical Data Report

Kittery Maine Site 30 Disposal Samples 139799

Including: TCLP Maximum Contaminant Concentrations (40 CFR 261 6/96)

Sample	Parameter	Cas No.	Method	Result	Qual	Units	RL	LOD	DF	TCLP Limit	Client ID	Collected	Time
MC4539-1A	Hexachlorobenzene	118-74-1	SW846 8270C	0.0050	U	mg/l	0.050	0.0050	1	0.13	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	Hexachlorobutadiene	87-68-3	SW846 8270C	0.0050	U	mg/l	0.050	0.0050	1	0.50	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	Hexachloroethane	67-72-1	SW846 8270C	0.020	U	mg/l	0.050	0.020	1	3.0	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	Nitrobenzene	98-95-3	SW846 8270C	0.0050	U	mg/l	0.050	0.0050	1	2.0	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	Pyridine	110-86-1	SW846 8270C	0.050	U	mg/l	0.10	0.050	1	5.0	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	2-Fluorophenol	367-12-4	SW846 8270C	82		%			1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	Phenol-d5	4165-62-2	SW846 8270C	78		%			1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	2,4,6-Tribromophenol	118-79-6	SW846 8270C	105		%			1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	Nitrobenzene-d5	4165-60-0	SW846 8270C	84		%			1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	2-Fluorobiphenyl	321-60-8	SW846 8270C	92		%			1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	Terphenyl-d14	1718-51-0	SW846 8270C	108		%			1	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	Benzene	71-43-2	SW846 8260B	0.0534		mg/l	0.05	0.050	100	0.50	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	2-Butanone (MEK)	78-93-3	SW846 8260B	0.50	U	mg/l	0.50	0.50	100	200	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	Carbon tetrachloride	56-23-5	SW846 8260B	0.10	U	mg/l	0.10	0.10	100	0.50	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	Chlorobenzene	108-90-7	SW846 8260B	0.10	U	mg/l	0.10	0.10	100	100	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	Chloroform	67-66-3	SW846 8260B	0.10	U	mg/l	0.10	0.10	100	6.0	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	1,4-Dichlorobenzene	106-46-7	SW846 8260B	0.10	U	mg/l	0.10	0.10	100	7.5	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	1,2-Dichloroethane	107-06-2	SW846 8260B	0.10	U	mg/l	0.10	0.10	100	0.50	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	1,1-Dichloroethene	75-35-4	SW846 8260B	0.10	U	mg/l	0.10	0.10	100	0.70	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	Tetrachloroethene	127-18-4	SW846 8260B	0.10	U	mg/l	0.10	0.10	100	0.70	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	Trichloroethene	79-01-6	SW846 8260B	0.10	U	mg/l	0.10	0.10	100	0.50	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	Vinyl chloride	75-01-4	SW846 8260B	0.10	U	mg/l	0.10	0.10	100	0.20	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	Dibromofluoromethane	1868-53-7	SW846 8260B	87		%			100	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	Toluene-D8	2037-26-5	SW846 8260B	95		%			100	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-1A	4-Bromofluorobenzene	460-00-4	SW846 8260B	86		%			100	------	139799-WASTE-S-002	10/11/2011	9:55
MC4539-2	TPH-DRO (Semi-VOA)		SW846-8015	355		mg/kg	16	12	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Aroclor 1016	12674-11-2	SW846 8082	34	U	ug/kg	100	34	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Aroclor 1221	11104-28-2	SW846 8082	34	U	ug/kg	100	34	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Aroclor 1232	11141-16-5	SW846 8082	34	U	ug/kg	100	34	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Aroclor 1242	53469-21-9	SW846 8082	6.9	U	ug/kg	100	6.9	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Aroclor 1248	12672-29-6	SW846 8082	6.8	U	ug/kg	100	6.8	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Aroclor 1254	11097-69-1	SW846 8082	130		ug/kg	100	34	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Aroclor 1260	11096-82-5	SW846 8082	6.8	U	ug/kg	100	6.8	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Total PCBs	1336-36-3	SW846 8082	130		ug/kg	100	6.8	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Tetrachloro-m-xylene	877-09-8	SW846 8082	88		%			1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Tetrachloro-m-xylene	877-09-8	SW846 8082	87		%			1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Decachlorobiphenyl	2051-24-3	SW846 8082	79		%			1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Decachlorobiphenyl	2051-24-3	SW846 8082	62		%			1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	o-Terphenyl	84-15-1	SW846-8015	78		%			1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	TPH-GRO (VOA)		SW846 8015	1.9	U	mg/kg	9.9	1.9	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	2,5-Dibromotoluene	615-59-8	SW846 8015	87		%			1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Corrosivity as pH		SW846 CHAP7	4					1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Cyanide Reactivity		SW846 CHAP7	1.5	U	mg/kg	1.5	1.5	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Sulfide Reactivity		SW846 CHAP7	51	U	mg/kg	51	51	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Ignitability (Flashpoint)		SW846 1020	>230	>	Deg. F			1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Solids, Percent		SM21 2540 B MOD.	97.1		%			1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Arsenic	7440-38-2	SW846 6010C	0.64	J,Q	mg/kg	0.90	0.13	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Cadmium	7440-43-9	SW846 6010C	0.054	U	mg/kg	0.36	0.054	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Chromium	7440-47-3	SW846 6010C	4.1		mg/kg	0.90	0.13	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Lead	7439-92-1	SW846 6010C	35.5		mg/kg	0.90	0.31	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Mercury	7439-97-6	SW846 7471B	0.029	J	mg/kg	0.032	0.011	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	2-Chlorophenol	95-57-8	SW846 8270C	13	U	ug/kg	250	13	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	4-Chloro-3-methyl phenol	59-50-7	SW846 8270C	17	U	ug/kg	490	17	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	2,4-Dichlorophenol	120-83-2	SW846 8270C	29	U	ug/kg	490	29	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	2,4-Dimethylphenol	105-67-9	SW846 8270C	49	U	ug/kg	490	49	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	2,4-Dinitrophenol	51-28-5	SW846 8270C	250	U	ug/kg	990	250	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	4,6-Dinitro-o-cresol	534-52-1	SW846 8270C	250	U	ug/kg	490	250	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	2-Methylphenol	95-48-7	SW846 8270C	14	U	ug/kg	490	14	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	3&4-Methylphenol		SW846 8270C	26	U	ug/kg	490	26	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	2-Nitrophenol	88-75-5	SW846 8270C	30	U	ug/kg	490	30	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	4-Nitrophenol	100-02-7	SW846 8270C	250	U	ug/kg	990	250	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Pentachlorophenol	87-86-5	SW846 8270C	46	U	ug/kg	490	46	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Phenol	108-95-2	SW846 8270C	41	U	ug/kg	250	41	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	2,4,5-Trichlorophenol	95-95-4	SW846 8270C	37	U	ug/kg	490	37	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	2,4,6-Trichlorophenol	88-06-2	SW846 8270C	34	U	ug/kg	490	34	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Acenaphthene	83-32-9	SW846 8270C	21	U	ug/kg	250	21	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Acenaphthylene	208-96-8	SW846 8270C	18	U	ug/kg	250	18	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Anthracene	120-12-7	SW846 8270C	19	U	ug/kg	250	19	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Benzo(a)anthracene	56-55-3	SW846 8270C	9.1	U	ug/kg	250	9.1	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Benzo(a)pyrene	50-32-8	SW846 8270C	15	U	ug/kg	250	15	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Benzo(b)fluoranthene	205-99-2	SW846 8270C	29	U	ug/kg	250	29	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Benzo(g,h,i)perylene	191-24-2	SW846 8270C	16	U	ug/kg	250	16	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Benzo(k)fluoranthene	207-08-9	SW846 8270C	7.3	U	ug/kg	250	7.3	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	4-Bromophenyl phenyl ether	101-55-3	SW846 8270C	20	U	ug/kg	250	20	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Butyl benzyl phthalate	85-68-7	SW846 8270C	11	U	ug/kg	250	11	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	2-Chloronaphthalene	91-58-7	SW846 8270C	21	U	ug/kg	250	21	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	4-Chloroaniline	106-47-8	SW846 8270C	120	U	ug/kg	490	120	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Carbazole	86-74-8	SW846 8270C	19	U	ug/kg	250	19	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Chrysene	218-01-9	SW846 8270C	8	U	ug/kg	250	8	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	bis(2-Chloroethoxy)methane	111-91-1	SW846 8270C	19	U	ug/kg	250	19	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	bis(2-Chloroethyl)ether	111-44-4	SW846 8270C	5.3	U	ug/kg	250	5.3	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	bis(2-Chloroisopropyl)ether	108-60-1	SW846 8270C	23	U	ug/kg	250	23	1	------	139799-WASTE-C-002	10/11/2011	9:45

LabLink Analytical Data Report

Kittery Maine Site 30 Disposal Samples 139799

Including: TCLP Maximum Contaminant Concentrations (40 CFR 261 6/96)

Sample	Parameter	Cas No.	Method	Result	Qual	Units	RL	LOD	DF	TCLP Limit	Client ID	Collected	Time
MC4539-2	4-Chlorophenyl phenyl ether	7005-72-3	SW846 8270C	22	U	ug/kg	250	22	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	1,2-Dichlorobenzene	95-50-1	SW846 8270C	20	U	ug/kg	250	20	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	1,3-Dichlorobenzene	541-73-1	SW846 8270C	21	U	ug/kg	250	21	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	1,4-Dichlorobenzene	106-46-7	SW846 8270C	20	U	ug/kg	250	20	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	2,4-Dinitrotoluene	121-14-2	SW846 8270C	120	U	ug/kg	490	120	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	2,6-Dinitrotoluene	606-20-2	SW846 8270C	24	U	ug/kg	490	24	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	3,3'-Dichlorobenzidine	91-94-1	SW846 8270C	5.9	U	ug/kg	250	5.9	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Dibenzo(a,h)anthracene	53-70-3	SW846 8270C	16	U	ug/kg	250	16	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Dibenzofuran	132-64-9	SW846 8270C	21	U	ug/kg	250	21	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Di-n-butyl phthalate	84-74-2	SW846 8270C	22	U	ug/kg	250	22	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Di-n-octyl phthalate	117-84-0	SW846 8270C	13	U	ug/kg	250	13	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Diethyl phthalate	84-66-2	SW846 8270C	21	U	ug/kg	250	21	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Dimethyl phthalate	131-11-3	SW846 8270C	17	U	ug/kg	250	17	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	bis(2-Ethylhexyl)phthalate	117-81-7	SW846 8270C	174	J	ug/kg	250	17	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Fluoranthene	206-44-0	SW846 8270C	8.4	U	ug/kg	250	8.4	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Fluorene	86-73-7	SW846 8270C	5.4	U	ug/kg	250	5.4	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Hexachlorobenzene	118-74-1	SW846 8270C	21	U	ug/kg	250	21	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Hexachlorobutadiene	87-68-3	SW846 8270C	19	U	ug/kg	250	19	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Hexachlorocyclopentadiene	77-47-4	SW846 8270C	3.3	U	ug/kg	490	3.3	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Hexachloroethane	67-72-1	SW846 8270C	20	U	ug/kg	250	20	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Indeno(1,2,3-cd)pyrene	193-39-5	SW846 8270C	15	U	ug/kg	250	15	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Isophorone	78-59-1	SW846 8270C	24	U	ug/kg	250	24	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	2-Methylnaphthalene	91-57-6	SW846 8270C	21	U	ug/kg	250	21	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	2-Nitroaniline	88-74-4	SW846 8270C	120	U	ug/kg	490	120	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	3-Nitroaniline	99-09-2	SW846 8270C	120	U	ug/kg	490	120	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	4-Nitroaniline	100-01-6	SW846 8270C	18	U	ug/kg	490	18	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Naphthalene	91-20-3	SW846 8270C	5.7	U	ug/kg	250	5.7	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Nitrobenzene	98-95-3	SW846 8270C	7.3	U	ug/kg	250	7.3	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	N-Nitroso-di-n-propylamine	621-64-7	SW846 8270C	16	U	ug/kg	250	16	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	N-Nitrosodiphenylamine	86-30-6	SW846 8270C	13	U	ug/kg	250	13	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Phenanthrene	85-01-8	SW846 8270C	50.9	J	ug/kg	250	6.4	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Pyrene	129-00-0	SW846 8270C	31.8	J	ug/kg	250	7.9	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	1,2,4-Trichlorobenzene	120-82-1	SW846 8270C	21	U	ug/kg	250	21	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	2-Fluorophenol	367-12-4	SW846 8270C	53		%			1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Phenol-d5	4165-62-2	SW846 8270C	49		%			1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	2,4,6-Tribromophenol	118-79-6	SW846 8270C	69		%			1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Nitrobenzene-d5	4165-60-0	SW846 8270C	57		%			1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	2-Fluorobiphenyl	321-60-8	SW846 8270C	72		%			1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Terphenyl-d14	1718-51-0	SW846 8270C	73		%			1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Acetone	67-64-1	SW846 8260B	16.1		ug/kg	4.4	4.4	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Benzene	71-43-2	SW846 8260B	0.22	U	ug/kg	0.44	0.22	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Bromodichloromethane	75-27-4	SW846 8260B	0.44	U	ug/kg	1.7	0.44	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Bromoform	75-25-2	SW846 8260B	0.44	U	ug/kg	1.7	0.44	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Bromomethane	74-83-9	SW846 8260B	1.7	U	ug/kg	1.7	1.7	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	2-Butanone (MEK)	78-93-3	SW846 8260B	1.7	U	ug/kg	4.4	1.7	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Carbon disulfide	75-15-0	SW846 8260B	1.7	U	ug/kg	4.4	1.7	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Carbon tetrachloride	56-23-5	SW846 8260B	0.44	U	ug/kg	1.7	0.44	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Chlorobenzene	108-90-7	SW846 8260B	0.22	U	ug/kg	1.7	0.22	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Chloroethane	75-00-3	SW846 8260B	0.44	U	ug/kg	4.4	0.44	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Chloroform	67-66-3	SW846 8260B	0.44	U	ug/kg	1.7	0.44	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Chloromethane	74-87-3	SW846 8260B	1.7	U	ug/kg	4.4	1.7	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Dibromochloromethane	124-48-1	SW846 8260B	1.7	U	ug/kg	1.7	1.7	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	1,1-Dichloroethane	75-34-3	SW846 8260B	0.44	U	ug/kg	1.7	0.44	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	1,2-Dichloroethane	107-06-2	SW846 8260B	0.44	U	ug/kg	1.7	0.44	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	1,1-Dichloroethene	75-35-4	SW846 8260B	0.44	U	ug/kg	1.7	0.44	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	cis-1,2-Dichloroethene	156-59-2	SW846 8260B	0.44	U	ug/kg	1.7	0.44	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	trans-1,2-Dichloroethene	156-60-5	SW846 8260B	0.44	U	ug/kg	1.7	0.44	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	1,2-Dichloropropane	78-87-5	SW846 8260B	0.44	U	ug/kg	1.7	0.44	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	cis-1,3-Dichloropropene	10061-01-5	SW846 8260B	1.7	U	ug/kg	1.7	1.7	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	trans-1,3-Dichloropropene	10061-02-6	SW846 8260B	1.7	U	ug/kg	1.7	1.7	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Ethylbenzene	100-41-4	SW846 8260B	0.57	J	ug/kg	1.7	0.44	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	2-Hexanone	591-78-6	SW846 8260B	4.4	U	ug/kg	4.4	4.4	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	4-Methyl-2-pentanone (MIBK)	108-10-1	SW846 8260B	1.7	U	ug/kg	4.4	1.7	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Methylene chloride	75-09-2	SW846 8260B	0.44	U	ug/kg	1.7	0.44	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Styrene	100-42-5	SW846 8260B	0.44	U	ug/kg	4.4	0.44	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	1,1,2,2-Tetrachloroethane	79-34-5	SW846 8260B	0.44	U	ug/kg	1.7	0.44	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Tetrachloroethene	127-18-4	SW846 8260B	0.44	U	ug/kg	1.7	0.44	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Toluene	108-88-3	SW846 8260B	2.2	J	ug/kg	4.4	0.44	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	1,1,1-Trichloroethane	71-55-6	SW846 8260B	0.44	U	ug/kg	1.7	0.44	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	1,1,2-Trichloroethane	79-00-5	SW846 8260B	0.44	U	ug/kg	1.7	0.44	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Trichloroethene	79-01-6	SW846 8260B	0.44	U	ug/kg	1.7	0.44	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Vinyl chloride	75-01-4	SW846 8260B	1.7	U	ug/kg	1.7	1.7	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Xylene (total)	1330-20-7	SW846 8260B	2.0		ug/kg	1.7	0.44	1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Dibromofluoromethane	1868-53-7	SW846 8260B	104		%			1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	Toluene-D8	2037-26-5	SW846 8260B	99		%			1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2	4-Bromofluorobenzene	460-00-4	SW846 8260B	98		%			1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	2,4-D	94-75-7	SW846 8151	0.0014	U	mg/l	0.010	0.0014	1	10	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	2,4,5-TP (Silvex)	93-72-1	SW846 8151	0.0013	U	mg/l	0.010	0.0013	1	1.0	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	gamma-BHC (Lindane)	58-89-9	SW846 8081	0.00025	U	mg/l	0.00050	0.00025	1	0.40	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	Chlordane	12789-03-6	SW846 8081	0.0050	U	mg/l	0.0050	0.0050	1	0.030	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	Endrin	72-20-8	SW846 8081	0.00025	U	mg/l	0.00050	0.00025	1	0.020	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	Heptachlor	76-44-8	SW846 8081	0.00025	U	mg/l	0.00050	0.00025	1	0.0080	139799-WASTE-C-002	10/11/2011	9:45

LabLink Analytical Data Report

Kittery Maine Site 30 Disposal Samples 139799

Including: TCLP Maximum Contaminant Concentrations (40 CFR 261 6/96)

Sample	Parameter	Cas No.	Method	Result	Qual	Units	RL	LOD	DF	TCLP Limit	Client ID	Collected	Time
MC4539-2A	Heptachlor epoxide	1024-57-3	SW846 8081	0.00025	U	mg/l	0.00050	0.00025	1	0.0080	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	Methoxychlor	72-43-5	SW846 8081	0.00025	U	mg/l	0.00050	0.00025	1	10	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	Toxaphene	8001-35-2	SW846 8081	0.0025	U	mg/l	0.025	0.0025	1	0.50	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	2,4-DCAA	19719-28-9	SW846 8151	93		%			1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	2,4-DCAA	19719-28-9	SW846 8151	92		%			1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	Tetrachloro-m-xylene	877-09-8	SW846 8081	89		%			1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	Tetrachloro-m-xylene	877-09-8	SW846 8081	100		%			1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	Decachlorobiphenyl	2051-24-3	SW846 8081	110		%			1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	Decachlorobiphenyl	2051-24-3	SW846 8081	100		%			1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	Arsenic	7440-38-2	SW846 6010C	0.0035	U	mg/l	0.010	0.0035	1	5.0	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	Barium	7440-39-3	SW846 6010C	0.054	J,Q	mg/l	0.50	0.0010	1	100	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	Cadmium	7440-43-9	SW846 6010C	0.0008	J	mg/l	0.0040	0.00060	1	1.0	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	Chromium	7440-47-3	SW846 6010C	0.0023	J	mg/l	0.010	0.0010	1	5.0	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	Lead	7439-92-1	SW846 6010C	0.057	Q	mg/l	0.010	0.0035	1	5.0	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	Mercury	7439-97-6	SW846 7470A	0.000058	U	mg/l	0.00020	0.000058	1	0.20	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	Selenium	7782-49-2	SW846 6010C	0.0065	J	mg/l	0.025	0.0035	1	1.0	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	Silver	7440-22-4	SW846 6010C	0.0010	U	mg/l	0.0050	0.0010	1	5.0	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	2-Methylphenol	95-48-7	SW846 8270C	0.020	U	mg/l	0.10	0.020	1	200	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	3&4-Methylphenol		SW846 8270C	0.010	U	mg/l	0.10	0.010	1	200	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	Pentachlorophenol	87-86-5	SW846 8270C	0.020	U	mg/l	0.10	0.020	1	100	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	2,4,5-Trichlorophenol	95-95-4	SW846 8270C	0.0050	U	mg/l	0.10	0.0050	1	400	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	2,4,6-Trichlorophenol	88-06-2	SW846 8270C	0.0050	U	mg/l	0.10	0.0050	1	2.0	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	1,4-Dichlorobenzene	106-46-7	SW846 8270C	0.0050	U	mg/l	0.050	0.0050	1	7.5	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	2,4-Dinitrotoluene	121-14-2	SW846 8270C	0.020	U	mg/l	0.10	0.020	1	0.13	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	Hexachlorobenzene	118-74-1	SW846 8270C	0.0050	U	mg/l	0.050	0.0050	1	0.13	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	Hexachlorobutadiene	87-68-3	SW846 8270C	0.0050	U	mg/l	0.050	0.0050	1	0.50	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	Hexachloroethane	67-72-1	SW846 8270C	0.020	U	mg/l	0.050	0.020	1	3.0	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	Nitrobenzene	98-95-3	SW846 8270C	0.0050	U	mg/l	0.050	0.0050	1	2.0	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	Pyridine	110-86-1	SW846 8270C	0.050	U	mg/l	0.10	0.050	1	5.0	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	2-Fluorophenol	367-12-4	SW846 8270C	79		%			1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	Phenol-d5	4165-62-2	SW846 8270C	74		%			1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	2,4,6-Tribromophenol	118-79-6	SW846 8270C	102		%			1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	Nitrobenzene-d5	4165-60-0	SW846 8270C	81		%			1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	2-Fluorobiphenyl	321-60-8	SW846 8270C	91		%			1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	Terphenyl-d14	1718-51-0	SW846 8270C	104		%			1	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	Benzene	71-43-2	SW846 8260B	0.050	U	mg/l	0.050	0.050	100	0.50	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	2-Butanone (MEK)	78-93-3	SW846 8260B	0.50	U	mg/l	0.50	0.50	100	200	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	Carbon tetrachloride	56-23-5	SW846 8260B	0.10	U	mg/l	0.10	0.10	100	0.50	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	Chlorobenzene	108-90-7	SW846 8260B	0.10	U	mg/l	0.10	0.10	100	100	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	Chloroform	67-66-3	SW846 8260B	0.10	U	mg/l	0.10	0.10	100	6.0	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	1,4-Dichlorobenzene	106-46-7	SW846 8260B	0.10	U	mg/l	0.10	0.10	100	7.5	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	1,2-Dichloroethane	107-06-2	SW846 8260B	0.10	U	mg/l	0.10	0.10	100	0.50	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	1,1-Dichloroethene	75-35-4	SW846 8260B	0.10	U	mg/l	0.10	0.10	100	0.70	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	Tetrachloroethene	127-18-4	SW846 8260B	0.10	U	mg/l	0.10	0.10	100	0.70	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	Trichloroethene	79-01-6	SW846 8260B	0.10	U	mg/l	0.10	0.10	100	0.50	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	Vinyl chloride	75-01-4	SW846 8260B	0.10	U	mg/l	0.10	0.10	100	0.20	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	Dibromofluoromethane	1868-53-7	SW846 8260B	88		%			100	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	Toluene-D8	2037-26-5	SW846 8260B	97		%			100	------	139799-WASTE-C-002	10/11/2011	9:45
MC4539-2A	4-Bromofluorobenzene	460-00-4	SW846 8260B	87		%			100	------	139799-WASTE-C-002	10/11/2011	9:45

(a) Matrix spike recovery outside of the control limit.

Found 0 results exceeding regulatory limits.

** Indicates result outside regulatory limits.