

**Hazardous Materials Assessment Report  
USS Clamagore  
Patriots Point Naval and Maritime Museum  
Mount Pleasant, South Carolina  
S&ME Project No. 4213-15-242**



Prepared for:

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**September 26, 2016**



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Attention: Mr. Bob Howard  
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Reference: **Hazardous Materials Assessment Report**  
**USS Clamagore – Patriots Point Naval and Maritime Museum**  
Mount Pleasant, South Carolina  
S&ME Project No. 4213-15-242

Dear Mr. Howard:

S&ME, Inc. (S&ME) is pleased to provide the enclosed report detailing the hazardous materials assessment for the potential reefing of the USS Clamagore currently located at the Patriots Point Naval and Maritime Museum in Mount Pleasant, South Carolina. The assessment was performed in general accordance with S&ME proposal number 42-1600590 dated May 9, 2016. The enclosed report includes the executive summary, project background, assessment procedures, findings and results, and conclusions and recommendations.

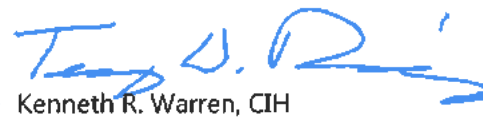
This report is provided for the sole use of Patriots Point Naval and Maritime Museum and their assignees. Use of this report by any other parties will be at such party's sole risk and S&ME, Inc. disclaims liability for any such use or reliance by third parties. The results presented in this report are indicative of conditions only during the time of the assessment and of the specific areas referenced. The information provided in this assessment report should not be used as a bidding document, and field conditions should be verified.

We appreciate the opportunity to provide you with our industrial hygiene/environmental services. If you have any questions concerning this report, please call us at (843) 884-0005.

Sincerely,

S&ME, Inc.

  
James L. Killingsworth, CHMM  
Environmental Services Area Manager, V.P.

  
for: Kenneth R. Warren, CIH  
Principal Industrial Hygienist

Attachments



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## Executive Summary

### 1.0 Background

The *USS Clamagore* was a diesel-electric powered submarine which was commissioned and launched by the United States Navy in 1945. The vessel was not active in World War II. In 1947, the *Clamagore* underwent a GUPPY II conversion, a term used by the Navy for the Greater Underwater Propulsion Program. A second conversion (GUPPY III) was performed in 1962 which included a 15 feet hull extension just forward of the control room, a plastic sail and passive ranging sonar. The length of the vessel is



approximately 330 feet and the beam is approximately 27 feet. The *Clamagore* was decommissioned in 1975 and donated to the State of South Carolina for public display at Patriots Point Naval and Maritime Museum (Patriots Point) in 1979. There were minimal, if any, and no documented decommissioning efforts as related to hazardous materials performed by the US Navy on the *Clamagore* prior to or after arrival at Patriots Point in 1981. The vessel has been residing in the Charleston Harbor moored to various piers

at Patriots Point since arriving.

### 2.0 Purpose

Maintenance to the *Clamagore* by Patriots Point has primarily been cosmetic, limited to interior tour routes and the exposed hull above the waterline. Due to maintenance / repair cost and the continually-deteriorating conditions, Patriots Point is undergoing the planning stages to prepare for the reefing of the submarine in conjunction with the South Carolina Department of Natural Resources who will be the eventual owner of the vessel once reefed. A Hazardous Material Sampling Plan (Plan) dated February 5, 2016 was reviewed and achieved concurrence from the Environmental Protection Agency (EPA). The Plan and this subsequent assessment is the initial step to identify the hazardous materials which will require remedial actions in an effort to meet state and federal regulations and applicable technical guidance documents, specifically the EPA's *National Guidance: Best Management Practices for Preparing Vessels Intended to Create Artificial Reefs* (May 2006) and *Technical Guidance for Determining the Presence of Polychlorinated Biphenyls (PCBs) at Regulated Concentrations on Vessels (Ships) to be Reflagged*. This hazardous materials assessment is specific to support the remediation of necessary hazardous materials and prepare for the physical reefing (sinking) of the vessel. At the present time, those involved with the project envision the vast majority of the submarine's contents being removed in dry-dock to prepare for the reefing. Following remediation and preparation for reefing, the intent is for the *Clamagore* to be towed to an approved and permitted offshore location for permanent placement as a recreational reef.

As previously mentioned, the *Clamagore* was decommissioned and donated to Patriots Point with minimal, if any and no known decommissioning efforts as related to hazardous materials. The existing components, contents, hardware and finishes are vintage 1940-1960s era, the period of the construction through the last conversion of the vessel. Based on the lack of a decommissioning effort as related to hazardous materials and the visual confirmation of the existing vessel contents, a large component of the

Plan is to assume that hazardous materials prominent in the era of construction and conversions remain present in the vessel.

The hazardous materials addressed in this assessment are in accordance with the *National Guidance: Best Management Practices for Preparing Vessels Intended to Create Artificial Reefs*. The categories of



hazardous materials include polychlorinated biphenyls (PCBs), oil and fuel, asbestos, paint, and "other materials of environmental concern". Each category of hazardous material and the applicable assessment aspects to include sample collection, quality assurance, quality control, laboratory methodology, disposal of sample waste, personal protective equipment and other essential actions are addressed herein.

## 3.0 Methods

### 3.1 Polychlorinated Biphenyls

#### 3.1.1 Sampling Scheme

Bulk samples of materials and products suspected to contain polychlorinated biphenyls (PCB) were collected. Target sampling in the form of a screening level assessment was conducted for those identifiable categories of suspect PCB containing materials which could be identified and isolated. Suspect materials and products which could not be readily identified by system or type, or those materials and products that present compromising conditions due to physical sampling were subject to a Non-Sampling Approach discussed in section 4.0. The EPA defines PCBs, as applied to identification and remediation for reefing, as 50 parts per million (ppm) or greater. In regard to areas of spills and accumulations which were sampled and analyzed, the presence of 2 ppm or greater of PCB in the subject material or product will be defined as a PCB spill and require appropriate treatment and disposal which excludes recycling or reuse.

#### 3.1.2 Locations

Materials and products identified as a system or common type were subject to bulk or wipe sample collection for PCBs to include the following:

- Oils, fluids and lubricants associated with the Aft Torpedo System
- Oils, fluids and lubricants associated with the Forward Torpedo System
- Cabling Insulation
- Oils, fluids and lubricants associated with the Aft Engine
- Oils, fluids and lubricants associated with the Forward Engine
- Oils, fluids and lubricants serving the Con Tower Antennae, Snorkel and Scopes

- Paint Coatings on Shell (covers the hull)
- Paint Coatings on Hull
- Interior Paints and Insulating Coating

### 3.1.3 *Sample Collection*

Sample collection consisted of physically extracting 15 representative bulk or wipe samples from each of the material types and systems noted in 3.1.2. Samples were collected to minimize non-associated substrates, materials or products. Laboratory results for the wipe samples that were collected of oils, fluids and lubricants in the systems were reported in milligrams per sample (mg/sample). The oils, fluids and lubricants on and around the systems were co-mingled and indistinguishable, providing a qualitative versus quantitative result which addresses the presence or absence of PCBs. Laboratory results for the bulk samples were reported in ppm. Laboratory results exceeding detectable levels of PCBs for the wipe samples, or the threshold of 50 ppm for the bulk samples, in the 15 samples per material type or system, resulted in the discontinuation of sampling for PCBs for that material type or system which was assumed to be defined as PCBs. In the case of the cabling insulation, all 15 results exhibited PCB levels below 50 ppm, therefore an additional 15 samples were collected to reach a 99% statistical confidence. The process for statistical confidence is described in per the *EPA Technical Guidance for determining the Presence of Polychlorinated Biphenyls at Regulated Concentrations on Vessels (Ships) to be Reflagged* to declare the material type or system as non-PCB containing.

Equipment employed during the sample collection consisted of the following:

- Latex or nitrile gloves
- Paint scrapers, pliers, utility knives
- Indelible marker
- Laboratory provided sampling media
- Isopropyl alcohol

The physical sample collection process was conducted as follows:

- 1) Don personal protective equipment
- 2) Using a scraper, pliers or utility knives, removed the subject paint or coated surface to the substrate or for liquids use a laboratory wipe
- 3) Collected five grams or more of the paint or coating
- 4) Labeled a plastic bag with a distinct sample number and recorded the corresponding sample location, material type, representative quantity, individual collecting the sample and type analysis desired
- 5) Completed Field Forms and chain of custody forms
- 6) Decontaminated sample tools using an isopropyl alcohol swipe insuring no debris particles remained on the equipment
- 7) Removed and containerized personal protective equipment and isopropyl alcohol wipes and labeled "PCB and Metals Sample Waste".

## 3.2 Asbestos

### 3.2.1 *Sampling Scheme*

Bulk sample collection of materials and products suspected of containing asbestos were collected. Target sampling in the form of a screening level assessment was conducted for those identifiable categories of suspect asbestos containing materials (ACM). Sampling protocols followed state and federal requirements to include but not limited to 40 CFR 61, 40 CFR 763 and South Carolina regulation 61-86.1. ACM is defined and a determination of ACM was made for materials containing greater than one percent asbestiform minerals in a given sample. Although identification and removal of ACM is not required by EPA prior to reefing, those suspect ACMs in poor condition or that may require disturbance to remediate other environmental hazards such as PCBs, fuels, etc. were tested to address worker protection and proper removal and disposal during remediation. Suspect materials and products which could not be readily identified by system or type, or those materials and products that presented compromising conditions due to physical sampling were subject to a Non-Sampling Approach discussed in section 4.0.

### 3.2.2 *Locations*

Materials and product types, technically referred to as homogeneous materials and subject to bulk sample collection for asbestos included the following:

- Cabling Insulation
- Interior Textured Paint
- Pipe Insulation
- Floor finishes (floor tiles and vinyl sheet flooring)

### 3.2.3 *Sample Collection*

Sample collection consisted of physically extracting representative and appropriate numbers of bulk samples per 40 CFR 763 and South Carolina regulation 61-86.1 from each of the homogeneous materials identified. The samples were collected to minimize non-associated substrates, materials or products. As the EPA has no applicable threshold for identification and remediation of ACM as related to reefing, the data will be provided to the contractor for purposes of information to assist with worker protection and determine if removal and disposal is necessary to facilitate the other remedial activities.

Equipment employed during the sample collection consisted of the following:

- Personal protective equipment
- Paint scrapers, pliers or utility knives
- Plastic quart bags with zip seal
- Isopropyl alcohol



The physical sample collection process was conducted as follows:

- 1) Don personal protective equipment
- 2) Using a scraper, pliers or metal snips, removed the subject material to the substrate or next corresponding layer of material type
- 3) Collected five grams or more of the suspect material
- 4) Labeled a plastic bag with a distinct sample number and recorded the corresponding sample location, material type, representative quantity, individual collecting the sample and type analysis desired.
- 5) Completed Field Forms and chain of custodies
- 6) Decontaminated sample tools using an isopropyl alcohol swipe and insured no particles remain on the equipment
- 7) Remove and containerize gloves and alcohol wipes and label as "Asbestos Sample Waste"

### **3.3 Paint**

#### *3.3.1 Sampling Scheme*

Bulk sample collection of paints and coatings suspected of containing lead, barium, cadmium, chromium and zinc were addressed in the same locations along with the previously discussed potential PCB containing coatings (section 3.1). Although identification and removal of lead, barium, cadmium and zinc containing paints are not required by the EPA prior to reefing, provided the paints are not in poor condition, those paints may require disturbance to remediate other environmental hazards such as PCBs, fuels, etc. and were tested to address worker protection, proper removal and disposal. Anti-foulant coatings were not addressed in this assessment, as allowable by EPA, as the *Clamagore* has not been subject to an anti-foulant coating in 12 or more years.

#### *3.3.2 Locations*

Materials and products identified as a system or common type were subject to bulk sample collection for lead, barium, cadmium and zinc included the following:

- Paint Coatings on Shell (covers the hull)
- Paint Coatings on Hull
- Interior Paint/Insulating Coating

#### *3.3.3 Sample Collection*

Sample collection consisted of physically extracting 15 representative bulk samples of the paint or coating types noted in 3.3.2. Samples were collected to minimize associated substrates, materials or products. As the EPA has no applicable concentration of lead, barium, cadmium and zinc as related to identification and remediation for reefing, the data will be reviewed and provided to the contractor for purposes of information to assist with worker protection, and proper removal and disposal as deemed necessary for the remaining remedial efforts.

Equipment employed during the sample collection consisted of the following:

- Personal protective equipment
- Paint scrapers, pliers, utility knives
- Indelible marker
- Plastic quart bags with zip seals
- Camera
- Isopropyl alcohol

The physical sample collection process was conducted as follows:

- 1) Don personal protective equipment
- 2) Using a scraper or utility knife, removed the subject paint or coated surface to the next corresponding layer of material type
- 3) Collected five grams or more of the paint or coating
- 4) Labeled a plastic bag with a distinct sample number and recorded the corresponding sample location, material type, representative quantity, individual collecting the sample and type analysis desired.
- 5) Follow chain of custody procedures
- 6) Decontaminate sample tools using an isopropyl alcohol swipe and insure no particles of paint remain on the equipment.
- 7) Remove and containerize gloves and isopropyl alcohol wipe and label as "Paint Sample Waste".

### **3.4 Sample Handling and Custody**

The samples collected during the assessment, had a distinct and individual sample number to determine the location, material type, and the intended analysis. Each sample was recorded on a field data form and the applicable laboratory Chain of Custody. The laboratory Chain of Custody was completed by the individual who collected the sample media and a copy of the Chain of Custody was retained. Upon receipt of samples by the appropriate laboratory, the samples were inspected, confirmed by designated sample number and the Chain of Custody signed by laboratory personnel acknowledging acceptance and processing of the samples. Completed Chain of Custody forms are provided along with the final analytical results.

### **3.5 Waste Disposal**

There were three forms of waste generated during the assessment, 1) contaminated (disposable) personal protective equipment consisting of suits and gloves, and the isopropyl alcohol wipes used to decontaminate sample tools during the collection of suspect PCBs, metals (barium, cadmium, chromium, lead and zinc) and asbestos and 2) accumulations of excess sample materials from the exterior shell and hull paint having verified levels of metals (barium, cadmium, chromium, lead and zinc).

The decontamination waste was labelled and bagged accordingly as "Sample Waste". Representative samples were collected from the waste accumulations and appropriately analyzed via EPA Method 8082A applicable to PCBs, Method 6010C for the metals, and 600/R-39/116 for asbestos containing minerals. Analysis of the "Sample Waste" revealed minimal concentrations of PCBs, barium, cadmium, chromium,



lead, and zinc. Analysis for asbestos resulted in no detectable amounts of asbestos. Although the "Sample Waste" analyses which was representative of the personal protective equipment revealed low levels of the tested analytes, the waste generated from the personal protective equipment was disposed along with the paint waste as described below.

The accumulations of excess paint sample waste from the exterior hull and shell were handled and treated as hazardous waste based on the total concentrations of barium, cadmium, chromium, lead and zinc reported in the 15 samples analyzed for the purposes of the assessment. The concentrations of cadmium, chromium and lead exceeded 20 times the respective Toxicity Characteristic Leachate Procedure (TCLP) levels recognized in the Resource Conservation and Recovery Act. The highest laboratory result for each analyte was the basis for the waste determination and is provided and noted in Appendix IV.

Disposal of the paint waste was handled and manifested by MORAN Environmental. The waste was transferred to and disposed by EWS Alabama Incorporated in Glenco, Alabama which maintains licensing with EPA to accept Class I hazardous waste. The final disposal manifest will be provided upon receipt.

### **3.6 Analytical Methods**

Various analytical methods and laboratories were used to conduct the analyses applicable to this Sampling Plan. The laboratory entities, the applicable analytes and analytical methods are listed below. Each of the selected laboratories are appropriately accredited or licensed, and copies of the applicable credentials are included in Appendix IV.

<u>Laboratory</u>	<u>Analyte(s)</u>	<u>Method</u>
Test America Laboratories Inc.	Lead, Barium, Cadmium and Zinc	EPA Method 6010C*
Test America Laboratories Inc.	PCB	EPA Method 8082A**
S&ME Inc.	Asbestos	EPA 600/R-39/116
EMSL Analytical Inc.	Asbestos	Chatfield

Note - \* Extraction method 3050B

\*\* Extraction method 3550C

## **4.0 Non-Sampling Approach**

### **4.1 Polychlorinated Biphenyls**

Suspect PCB containing materials which could be confidently targeted by system or common type (see Section 3.1.2) of suspect component were sampled in accordance with section 3.1. Suspect PCB containing materials which could not be readily identified by system or type, or those materials and products that presented compromising conditions due to physical sampling were not sampled and were subject to the Non-Sampling approach. The Non-Sampling approach assumed that suspect PCB containing materials will contain PCBs (equal to or greater than 50 ppm) based on the *Clamagore's* era of construction and the two conversions (1945 to 1962). Those suspect PCB materials or items which are assumed to contain PCBs over the regulated level of 50 ppm shall include the following:

- Thermal Insulation Materials
- Plastic Products (non-architectural)
- Electrical Equipment and Units (including contents that are non-metallic)
- Light ballasts
- Gaskets (equipment, ducts, doors, hatches, flanges) and Caulks
- Adhesives and Tapes
- Hangars and Mounts (except non-coated metallic)
- Hydraulics not specifically declared for testing.
- Oils and Lubricants associated with Mechanical and Electrical Equipment

## **4.2 Fuel**

Fuel products for the purpose of this assessment are defined as petroleum-refined products (diesel fuel, gasoline, kerosene, bunker oil, etc.). Fuel products or those vessels which previously contained fuels were not sampled for confirmation. For the purpose of identifying fuels to facilitate the future removal of fuel and fuel residue, the products within fuel tanks and those surfaces impacted by fuel such are assumed to be fuel product or fuel residue.

## **4.3 Batteries**

Batteries of various sizes and past function are present on the *Clamagore*. Battery sources were not sampled and for the future purposes of removal and disposal, will be assumed to contain acids and heavy metals. There are known to be approximately 500 batteries at approximately 1,500 pounds each.

## **4.4 Antifreeze**

Anti-freeze is not known or suspected to be present on the *Clamagore*. Should sources of anti-freeze be identified during the process of conducting the hazardous material remediation efforts, such items should be noted and assumed to be antifreeze product for the purpose of removal and disposal.

## **4.5 Mercury Sources**

Mercury is expected to be present in various thermostats, thermometers, pressure gauges, vacuum gauges, light switches, smoke detectors, and radar displays. Potential mercury sources were not sampled for reasons of potential contamination and are assumed to contain mercury for the purpose of removal and disposal.

## **4.6 Sewerage (Black and Gray Water)**

Water systems (sewerage and gray) on the *Clamagore* have not been operational for 40 plus years. No sampling for such products were included in the hazardous material assessment. The potential presence of remaining or residual waste should be noted for the future purpose of removal and disposal.

## 5.0 Results

### 5.1 Polychlorinated Biphenyls

Fifteen wipe samples were collected in each of the identified areas as part of this assessment, excluding for the oil systems serving the Con Tower Antennae, Snorkel and Scopes. The area that housed these systems were a small confined area below the main deck of the submarine, therefore eight samples were collected in this area.

#### 5.1.1 *Forward Torpedo System*

Of the fifteen wipe samples collected in the Forward Torpedo system, thirteen samples exhibited detectable levels of PCB-1254. The levels ranged from 0.0051 to 0.016 milligrams per sample (mg/sample). Two samples were below the analytical method limit of detection (LOD) for PCBs. The results of the sample analyses indicate that there are PCBs present in the co-mingled oils, fluids and lubricants residues.

#### 5.1.2 *Forward Engine Room*

Of the fifteen wipe samples collected in the Forward Engine room, fourteen samples exhibited detectable levels of PCB-1254. The levels ranged from 0.0262 to 0.124 mg/sample. One sample exhibited a detectable level of PCB-1248, which was 0.072 mg/sample. The results of the sample analysis indicate that there are PCBs present in the co-mingled oils, fluids and lubricants residues.

#### 5.1.3 *Aft Engine Room*

Of the fifteen wipe samples collected in the Aft Engine room, eleven samples exhibited detectable levels of PCB-1254. The levels ranged from 0.0072 to 0.061 mg/sample. Four samples exhibited detectable levels of PCB-1248 with the levels ranging from 0.0099 to 27.2 mg/sample. One sample was below the LOD for PCBs. The results of the sample analysis indicate that there are PCBs present in the co-mingled oils, fluids and lubricants residues.

#### 5.1.4 *Con Tower Antennae, Snorkel and Scopes System*

Of the eight wipe samples collected in Con Tower Antennae, Snorkel and Scopes system, eight samples exhibited detectable levels of PCB-1248 with a range of 0.0029- 0.0321 mg/sample. The results of the sample analysis indicate that there are PCBs present in the co-mingled oils, fluids and lubricants residues.

#### 5.1.5 *Aft Torpedo System*

Of the fifteen wipe samples collected in the Aft Torpedo system, fifteen exhibited detectable levels of PCB-1254 with a range of 0.0161-0.09 mg/sample. The results of the sample analysis indicate that there are PCBs present in the co-mingled oils, fluids and lubricants residues.

#### 5.1.6 *General Interior*

Of the fifteen bulk samples collected of the smooth paint on the interior fittings, all of the samples exhibited levels of PCB-1254 with a range of 31.8-193 parts per million (ppm). Nine of the fifteen samples



exceeded 50 ppm, therefore the interior smooth paint is considered to be PCB containing for the purposes of this assessment.

Of the fifteen bulk samples collected of the textured paint on the interior fittings, all of the samples exhibited levels of PCB-1254 with a range of 23.2-266 ppm. Eleven of the fifteen samples exceeded 50 ppm, therefore the interior textured paint is considered to be PCB containing for the purposes of this assessment.

Of the thirty bulk samples collected of the cabling insulation, 10 samples exhibited detectable levels of PCB-1254 with a range of 0.2-22.5 ppm, and two samples exhibited detectable levels of PCB-1260 with a range of 0.173-3.29 pm. None of the sample results exceeded 50 ppm, therefore the cabling insulation is not considered to be PCB containing for the purposes of this assessment.

### 5.1.7 General Exterior

Of the thirty bulk paint samples collected on the Exterior Shell, three of the samples exhibited detectable levels of PCB-1254 with a range of 0.12-0.324 ppm. None of the sample results exceeded 50 ppm, therefore the Exterior Shell paint is not considered to be PCB containing for the purposes of this assessment.

Of the thirty bulk paint samples collected on the Exterior Hull, eighteen of the samples exhibited detectable levels of PCB-1254 with a range of 0.0132-1.33 ppm. None of the sample results exceeded 50 ppm, therefore the Exterior Hull Paint is not considered to be PCB containing for the purposes of this assessment.

## 5.2 Asbestos

The following ACMs were identified as summarized in Table 1 below.

**Table 1: Summary of Confirmed ACMs**

Material	HA	Location	Asbestos Type	Percent	Condition	Potential for Disturbance	*Approx. Quantity
Floor tile (12" tan)	FT1	Control Room	Chrysotile	2	G, NF	PD	20 SF
Duct Insulation and wrap	DI1	Throughout the submarine	Chrysotile	40	G, F	PD	500-1,000 SF
Duct Insulation	DI2	Throughout the submarine	Chrysotile	40	G, F	PD	500-1,000 SF



Cable Insulation	CI	Throughout the submarine	Chrysotile	2	G, F	PD	3,000-5,000 LF
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\*Note: The quantities are estimated and should be field verified prior to detail planning.

Abbreviations:

HA = homogeneous area                      SF = square feet                      LF = linear feet  
 G = good                      D = damaged                      NF = non-friable                      F = friable  
 LPD = low potential for disturbance                      PD = potential for disturbance                      PSD = potential for sig. disturbance

The EPA classifies ACMs into two categories; friable and non-friable. A friable material creates a greater health hazard due to the fact that it may be "crumbled, pulverized or reduced to powder by the forces expected to act upon it in the course of demolition or renovation operations". The EPA and the SCDHEC define materials as asbestos containing if an asbestos content greater than one percent (>1%) is detected in a representative sample. The identified asbestos containing floor tile (FT1) is classified as a Category I non-friable ACM, in good condition, with a potential for disturbance due to the potential remediation activities. The duct insulation and wrap (DI1 & DI2), and cabling insulation (CI) are classified as friable ACMs, in good condition, also with a potential for disturbance due to the potential remediation activities. The remaining bulk samples analyzed from the USS Clamagore did not exhibit the presence of asbestos.

### 5.3 Metals

Fifteen representative samples were collected of each type of paint on the interior and exterior of the submarine and analyzed for barium, cadmium, chromium lead and zinc content.

#### 5.3.1 *Paint (Textured)*

Of the fifteen bulk samples collected of the textured paint on the interior fittings, all of the samples had varying levels of all five metals. The results for barium had a range of 81-536 ppm. The results for cadmium had a range of 3.73-28.7 ppm. The results for lead had a range of 750-23,600 ppm. The results for zinc had a range of 4,720-54,300 ppm. The results for chromium had a range of 282-3,070 ppm.

#### 5.3.2 *Paint (Smooth)*

Of the fifteen bulk samples collected of the smooth paint on the interior fittings, all of the samples had varying levels of all five metals. The results for barium had a range of 61.5-1,360 ppm. The results for cadmium had a range of 5.2-846 ppm. The results for lead had a range of 1,600-13,400 ppm. The results for zinc had a range of 16,400-30,400 ppm. The results for chromium had a range of 86.2-1,210 ppm.

#### 5.3.3 *Exterior Shell Paint*

Of the fifteen bulk samples collected of the paint on the exterior shell, all of the samples had varying levels of all five metals. The results for barium had a range of 2.37-266 ppm. The results for cadmium had a range of 11-29.8 ppm. The results for lead had a range of 11.6-50,100 ppm. The results for zinc had a range of 54.6-109,000 ppm. The results for chromium had a range of 31.2-2,780 ppm.

#### 5.3.4 *Exterior Hull Paint*

Of the fifteen bulk samples collected of the paint on the exterior hull, all of the samples had varying levels of all five metals. The results for barium had a range of 3.22-252 ppm. The results for cadmium had a range of 12.2-37.8 ppm. The results for lead had a range of 52.1-17,500 ppm. The results for zinc had a range of 92.7-1,160 ppm. The results for chromium had a range of 95.3-957 ppm.

## 6.0 Conclusions

### 6.1 Oils

Due to the age of the Clamagore and the length of time it has been moored, it is difficult to differentiate between oils, fluids and lubricants present in the residue on interior fixtures, spills on the lower decks, and the amount or condition of fuels present in the storage tanks. For the purpose of this assessment, we categorized all petroleum based products other than fuels as oils. All oil products, whether present in tanks, residue on interior fixtures, or spills in the lower decks, will need to be removed, cleaned and containerized. The resulting oil mixture will need to be tested for PCB content for proper disposal. The oil mixture cannot be used for supplement fuel or disposed of as waste oil/fuel if the product contains more than 2 ppm of PCBs. In accordance with EPA requirements, all fuels, lubricants and oils must be removed and the substrate cleaned prior to reefing a vessel.

### 6.2 Interior Paints

Interior smooth and textured paints were found to have a PCB content greater than 50 ppm, therefore they will need to be removed per EPA guidelines prior to reefing the sub. The interior paints on the sub are not limited to just the textured coating, but also the smooth paints on the interior and to include surfaces of wiring, equipment, cabinets, ventilation ducts and fixtures.

### 6.3 Exterior Paints

The exterior paint on the hull and shell were found to have a PCB content less than 50 ppm and will not need to be removed prior to reefing. The metals content in the exterior paints will require that any areas of paint in poor condition or any area of paint disturbed to exposed or remediate other environmental hazards will need to be removed according to Occupational Safety and Health Administration (OSHA) guidelines. Paints in good condition on the substrate may be recycled and any waste accumulations must be tested by TCLP for proper characterization and disposal in accordance with RCRA.

### 6.4 Cabling Insulation

The cabling insulation has a PCB content less than 50 ppm and will not be required to be removed prior to reefing the sub. However, the insulation on the interior of the cabling contains asbestos and will require proper removal and disposal if disturbance is necessary to facilitate additional remedial activities.

### 6.5 Asbestos Containing Materials

Asbestos containing materials (duct insulation and wrap, floor tile, and cabling insulation) will not need to be removed for the purpose of reefing the sub. However, if an ACM will be disturbed in order to



remediate additional environmental hazards, then the ACM will need to be removed and disposed of according to federal and state regulations.

## **6.6 Fuels**

Fuel products for the purpose of this assessment are defined as petroleum-refined products (diesel fuel, gasoline, kerosene, bunker oil, etc.). Fuel products or those vessels which previously contained fuels were not sampled for confirmation. Fuel tanks and those surfaces impacted by fuel must be clean prior to reefing the vessel in accordance with the EPA.

## **6.7 Batteries**

There are approximately 500 batteries at approximately 1,500 pounds each plus additional small source batteries on the vessel. In accordance with the referenced EPA reefing guidelines the batteries require removal prior to reefing.

## **6.8 Antifreeze**

Anti-freeze is not known or suspected to be present on the *Clamagore*. Should sources of anti-freeze be identified during the process of conducting the hazardous material remediation efforts, such items should be noted, removed and disposed properly. In accordance with the referenced EPA reefing guidelines antifreeze products require removal prior to reefing.

## **6.9 Mercury Sources**

Mercury is expected to be present in various thermostats, thermometers, pressure gauges, vacuum gauges, light switches, smoke detectors, and radar displays. Potential mercury sources were not sampled for reasons of potential contamination and are assumed to contain mercury for the purpose of removal and disposal. In accordance with the referenced EPA reefing guidelines mercury sources require removal prior to reefing.

## **6.10 Sewerage (Black and Gray Water)**

Sewerage (black and gray) water on the *Clamagore* have not been operational for 40 plus years. No sampling for such products were included in the hazardous material assessment. The potential presence of remaining or residual waste should be noted for the future purpose of removal and disposal. In accordance with the referenced EPA reefing guidelines, the tanks and lines formerly holding black or gray water shall be purged and cleaned.

## **6.11 PCB Products**

In addition to the products herein that contained 50 ppm or greater of PCBs, there are additional suspect items which are assumed to contain PCBs over the regulated level of 50 ppm shall include the following:

- Thermal Insulation Materials
- Plastic Products (non-architectural)
- Electrical Equipment and Units (including contents that are non-metallic)
- Light ballasts



- Gaskets (equipment, ducts, doors, hatches, flanges) and Caulks
- Adhesives and Tapes
- Hangars and Mounts (except non-coated metallic)
- Hydraulics not specifically declared for testing.
- Oils and Lubricants associated with Mechanical and Electrical Equipment

EPA guidelines and requirements state that all items or products containing 50 ppm or more of PCBs shall be completely removed from a vessel prior to reefing. These items may be assumed to contain PCBs greater than 50 ppm or be tested prior to removal.

Attachments

END OF REPORT

## Appendix I – Summary of Data



Table I: Summary of PCB Results

Sample No.	System	Matrix	Material	PCB Type	Amount	Units
CL-01	Forward Torpedo	Wipe	Oil spills and residue	PCB-1254	0.012	mg/sample
CL-02	Forward Torpedo			PCB-1254	0.016	mg/sample
CL-03	Forward Torpedo			PCB-1254	0.016	mg/sample
CL-04	Forward Torpedo			PCB-1254	0.0082	mg/sample
CL-05	Forward Torpedo			PCB-1254	0.0073	mg/sample
CL-06	Forward Torpedo			NA	BDL	mg/sample
CL-07	Forward Torpedo			PCB-1254	0.016	mg/sample
CL-08	Forward Torpedo			PCB-1254	0.0093	mg/sample
CL-09	Forward Torpedo			PCB-1254	0.0103	mg/sample
CL-10	Forward Torpedo			PCB-1254	0.013	mg/sample
CL-11	Forward Torpedo			PCB-1254	0.0132	mg/sample
CL-12	Forward Torpedo			PCB-1254	0.0104	mg/sample
CL-13	Forward Torpedo			PCB-1254	0.0113	mg/sample
CL-14	Forward Torpedo			NA	BDL	mg/sample
CL-15	Forward Torpedo			PCB-1254	0.0051	mg/sample
CL-16	Forward Engine Room	Wipe	Oil spills and residue	PCB-1254	0.0441	mg/sample
CL-17	Forward Engine Room			PCB-1248	0.072	mg/sample
CL-18	Forward Engine Room			PCB-1254	0.106	mg/sample
CL-19	Forward Engine Room			PCB-1254	0.118	mg/sample
CL-20	Forward Engine Room			PCB-1254	0.0631	mg/sample
CL-21	Forward Engine Room			PCB-1254	0.0524	mg/sample
CL-22	Forward Engine Room			PCB-1254	0.0457	mg/sample
CL-23	Forward Engine Room			PCB-1254	0.124	mg/sample
CL-24	Forward Engine Room			PCB-1254	0.019	mg/sample
CL-25	Forward Engine Room			PCB-1254	0.105	mg/sample
CL-26	Forward Engine Room			PCB-1254	0.048	mg/sample
CL-27	Forward Engine Room			PCB-1254	0.0124	mg/sample
CL-28	Forward Engine Room			PCB-1254	0.0829	mg/sample
CL-29	Forward Engine Room			PCB-1254	0.0262	mg/sample
CL-30	Forward Engine Room			PCB-1254	0.0659	mg/sample



Table I: Summary of PCB Results

Sample No.	System	Matrix	Material	PCB Type	Amount	Units
CL-31	Aft Engine Room	Wipe	Oil spills and residue	PCB-1254	0.0153	mg/sample
CL-32	Aft Engine Room			PCB-1254	0.011	mg/sample
CL-33	Aft Engine Room			PCB-1254	0.0072	mg/sample
CL-34	Aft Engine Room			PCB-1254	0.0222	mg/sample
CL-35	Aft Engine Room			PCB-1254	0.0514	mg/sample
CL-36	Aft Engine Room			PCB-1254	0.061	mg/sample
CL-37	Aft Engine Room			PCB-1254	0.0085	mg/sample
CL-38	Aft Engine Room			PCB-1254	0.0211	mg/sample
CL-39	Aft Engine Room			PCB-1254	0.0522	mg/sample
CL-40	Aft Engine Room			NA	BDL	mg/sample
CL-41	Aft Engine Room			PCB-1254	11.1	mg/sample
CL-42	Aft Engine Room			PCB-1248	27.2	mg/sample
CL-43	Aft Engine Room			PCB-1248	0.0099	mg/sample
CL-44	Aft Engine Room			PCB-1248	0.0202	mg/sample
CL-45	Aft Engine Room			PCB-1254	0.0424	mg/sample
CL-46	Con Tower	Wipe	Oil spills and residue	PCB-1248	0.0321	mg/sample
CL-47	Con Tower			PCB-1248	0.0212	mg/sample
CL-48	Con Tower			PCB-1248	0.0116	mg/sample
CL-49	Con Tower			PCB-1248	0.0034	mg/sample
CL-50	Con Tower			PCB-1248	0.007	mg/sample
CL-51	Con Tower			PCB-1248	0.0012	mg/sample
CL-52	Con Tower			PCB-1248	0.012	mg/sample
CL-53	Con Tower			PCB-1248	0.0029	mg/sample
CL-54	Aft Torpedo			PCB-1254	0.0133	mg/sample
CL-55	Aft Torpedo			PCB-1254	0.0489	mg/sample
CL-56	Aft Torpedo			PCB-1254	0.09	mg/sample
CL-57	Aft Torpedo			PCB-1254	0.102	mg/sample
CL-58	Aft Torpedo			PCB-1254	0.0389	mg/sample
CL-59	Aft Torpedo			PCB-1254	0.014	mg/sample
CL-60	Aft Torpedo			PCB-1254	0.0204	mg/sample
CL-61	Aft Torpedo			PCB-1254	0.0361	mg/sample
CL-62	Aft Torpedo			PCB-1254	0.0447	mg/sample



Table I: Summary of PCB Results

Sample No.	System	Matrix	Material	PCB Type	Amount	Units
CL-63	Aft Torpedo	Wipe	Oil Spills and residue	PCB-1254	0.0269	mg/sample
CL-64	Aft Torpedo			PCB-1254	0.0367	mg/sample
CL-65	Aft Torpedo			PCB-1254	0.0122	mg/sample
CL-66	Aft Torpedo			PCB-1254	0.0161	mg/sample
CL-67	Aft Torpedo			PCB-1254	0.0571	mg/sample
CL-68	Aft Torpedo			PCB-1254	0.0476	mg/sample
CL-69	Interior of the Sub			Bulk	Paint (Smooth)	PCB-1254
CL-70	Interior of the Sub	PCB-1254	64.3			ppm
CL-71	Interior of the Sub	PCB-1254	68.5			ppm
CL-72	Interior of the Sub	PCB-1254	95.3			ppm
CL-73	Interior of the Sub	PCB-1254	78.3			ppm
CL-74	Interior of the Sub	PCB-1254	145			ppm
CL-75	Interior of the Sub	PCB-1254	31.8			ppm
CL-76	Interior of the Sub	PCB-1254	44.4			ppm
CL-77	Interior of the Sub	PCB-1254	55.6			ppm
CL-78	Interior of the Sub	PCB-1254	43			ppm
CL-79	Interior of the Sub	PCB-1254	37.9			ppm
CL-80	Interior of the Sub	PCB-1254	32.5			ppm
CL-81	Interior of the Sub	PCB-1254	34.7			ppm
CL-82	Interior of the Sub	PCB-1254	48.1			ppm
CL-83	Interior of the Sub	PCB-1254	147			ppm
CL-84	Interior of the Sub	PCB-1254	193			ppm
CL-85	Interior of the Sub	Bulk	Paint (Textured)			PCB-1254
CL-86	Interior of the Sub			PCB-1254	206	ppm
CL-87	Interior of the Sub			PCB-1254	173	ppm
CL-88	Interior of the Sub			PCB-1254	23.2	ppm
CL-89	Interior of the Sub			PCB-1254	44.8	ppm
CL-90	Interior of the Sub			PCB-1254	24.6	ppm
CL-91	Interior of the Sub			PCB-1254	121	ppm
CL-92	Interior of the Sub			PCB-1254	166	ppm
CL-93	Interior of the Sub			PCB-1254	118	ppm
CL-94	Interior of the Sub			PCB-1254	193	ppm



**Table I: Summary of PCB Results**

Sample No.	System	Matrix	Material	PCB Type	Amount	Units
CL-95	Interior of the Sub	Bulk	Paint (Textured)	PCB-1254	114	ppm
CL-96	Interior of the Sub			PCB-1254	266	ppm
CL-97	Interior of the Sub			PCB-1254	200	ppm
CL-98	Interior of the Sub			PCB-1254	134	ppm
CL-99	Hull of the Sub	Bulk	Paint (Exterior Shell)	PCB-1254	0.324	ppm
CL-100	Hull of the Sub			NA	BDL	ppm
CL-101	Hull of the Sub			NA	BDL	ppm
CL-102	Hull of the Sub			NA	BDL	ppm
CL-103	Hull of the Sub			NA	BDL	ppm
CL-104	Hull of the Sub			NA	BDL	ppm
CL-105	Hull of the Sub			NA	BDL	ppm
CL-106	Hull of the Sub			NA	BDL	ppm
CL-107	Hull of the Sub			NA	BDL	ppm
CL-108	Hull of the Sub			NA	BDL	ppm
CL-109	Hull of the Sub			NA	BDL	ppm
CL-110	Hull of the Sub			PCB-1254	0.12	ppm
CL-111	Hull of the Sub			NA	BDL	ppm
CL-112	Hull of the Sub			NA	BDL	ppm
CL-113	Hull of the Sub			NA	BDL	ppm
CL-143	Hull of the Sub			NA	BDL	ppm
CL-144	Hull of the Sub			NA	BDL	ppm
CL-145	Hull of the Sub			NA	BDL	ppm
CL-146	Hull of the Sub			NA	BDL	ppm
CL-147	Hull of the Sub			NA	BDL	ppm
CL-148	Hull of the Sub			NA	BDL	ppm
CL-149	Hull of the Sub			PCB-1254	0.0311	ppm
CL-150	Hull of the Sub			NA	BDL	ppm
CL-151	Hull of the Sub			NA	BDL	ppm
CL-152	Hull of the Sub			NA	BDL	ppm
CL-153	Hull of the Sub			NA	BDL	ppm
CL-154	Hull of the Sub			NA	BDL	ppm
CL-155	Hull of the Sub			NA	BDL	ppm



Table I: Summary of PCB Results

Sample No.	System	Matrix	Material	PCB Type	Amount	Units		
CL-156	Hull of the Sub	Bulk	Paint (Exterior Shell)	NA	BDL	ppm		
CL-157	Hull of the Sub			NA	BDL	ppm		
CL-114	Hull of the Sub			NA	BDL	ppm		
CL-115	Hull of the Sub			NA	BDL	ppm		
CL-116	Hull of the Sub			NA	BDL	ppm		
CL-117	Hull of the Sub			NA	BDL	ppm		
CL-118	Hull of the Sub			NA	BDL	ppm		
CL-119	Hull of the Sub			NA	BDL	ppm		
CL-120	Hull of the Sub			NA	BDL	ppm		
CL-121	Hull of the Sub			NA	BDL	ppm		
CL-122	Hull of the Sub			NA	BDL	ppm		
CL-123	Hull of the Sub			Bulk	Paint (Exterior Hull)	PCB-1254	0.0693	ppm
CL-124	Hull of the Sub					PCB-1254	0.0288	ppm
CL-125	Hull of the Sub					PCB-1254	0.0145	ppm
CL-126	Hull of the Sub	NA	BDL			ppm		
CL-127	Hull of the Sub	NA	BDL			ppm		
CL-128	Hull of the Sub	PCB-1254	0.0132			ppm		
CL-158	Hull of the Sub	PCB-1254	1.2			ppm		
CL-159	Hull of the Sub	PCB-1254	0.552			ppm		
CL-160	Hull of the Sub	PCB-1254	1.05			ppm		
CL-161	Hull of the Sub	NA	BDL			ppm		
CL-162	Hull of the Sub	PCB-1254	1.33			ppm		
CL-163	Hull of the Sub	PCB-1254	0.0327			ppm		
CL-164	Hull of the Sub	PCB-1254	0.035			ppm		
CL-165	Hull of the Sub	PCB-1254	0.0287			ppm		
CL-166	Hull of the Sub	PCB-1254	0.0252			ppm		
CL-167	Hull of the Sub	PCB-1254	0.02			ppm		
CL-168	Hull of the Sub	PCB-1254	0.0322			ppm		
CL-169	Hull of the Sub	PCB-1254	0.0177			ppm		
CL-170	Hull of the Sub	PCB-1254	0.0401			ppm		
CL-171	Hull of the Sub	PCB-1254	0.0553			ppm		
CL-172	Hull of the Sub	PCB-1254	0.0249	ppm				





Table I: Summary of PCB Results

Sample No.	System	Matrix	Material	PCB Type	Amount	Units
CL-129	Interior of the Sub	Bulk	Cable Insulation	NA	BDL	ppm
CL-130	Interior of the Sub			NA	BDL	ppm
CL-131	Interior of the Sub			NA	BDL	ppm
CL-132	Interior of the Sub			NA	BDL	ppm
CL-133	Interior of the Sub			NA	BDL	ppm
CL-134	Interior of the Sub			NA	BDL	ppm
CL-135	Interior of the Sub			PCB-1254	1.81	ppm
CL-136	Interior of the Sub			NA	BDL	ppm
CL-137	Interior of the Sub			NA	BDL	ppm
CL-138	Interior of the Sub			NA	BDL	ppm
CL-139	Interior of the Sub			NA	BDL	ppm
CL-140	Interior of the Sub			PCB-1260	0.173	ppm
CL-141	Interior of the Sub			NA	BDL	ppm
CL-142	Interior of the Sub			PCB-1260	3.29	ppm
CL-173	Interior of the Sub			PCB-1254	22.5	ppm
CL-174	Interior of the Sub			PCB-1254	5.54	ppm
CL-175	Interior of the Sub			NA	BDL	ppm
CL-176	Interior of the Sub			PCB-1254	1.07	ppm
CL-177	Interior of the Sub			PCB-1254	0.2	ppm
CL-178	Interior of the Sub			PCB-1254	0.302	ppm
CL-179	Interior of the Sub			PCB-1254	3.69	ppm
CL-180	Interior of the Sub			PCB-1254	19	ppm
CL-181	Interior of the Sub			PCB-1254	18.6	ppm
CL-182	Interior of the Sub			PCB-1254	1.56	ppm
CL-183	Interior of the Sub			NA	BDL	ppm
CL-184	Interior of the Sub			NA	BDL	ppm
CL-185	Interior of the Sub			NA	BDL	ppm
CL-186	Interior of the Sub			NA	BDL	ppm
CL-187	Interior of the Sub			NA	BDL	ppm
CL-187A	Interior of the Sub			NA	BDL	ppm

Notes: mg/sample = milligrams per sample

NA = Not Applicable

BDL = Below analytical detection limit



Table II: Summary of Interior Metals Results

Sample No.	System	Matrix	Material	Metal	Amount	Units
CL-69	Interior of the Sub	Bulk	Paint (Textured)	Barium	280	ppm
				Cadmium	20.3	ppm
				Lead	4,290	ppm
				Zinc	30,500	ppm
				Chromium	1,420	ppm
CL-70	Interior of the Sub	Bulk	Paint (Textured)	Barium	409	ppm
				Cadmium	26.7	ppm
				Lead	3,550	ppm
				Zinc	54,700	ppm
				Chromium	2,090	ppm
CL-71	Interior of the Sub	Bulk	Paint (Textured)	Barium	477	ppm
				Cadmium	28.7	ppm
				Lead	6,320	ppm
				Zinc	52,700	ppm
				Chromium	2,130	ppm
CL-72	Interior of the Sub	Bulk	Paint (Textured)	Barium	555	ppm
				Cadmium	27	ppm
				Lead	6,110	ppm
				Zinc	59,300	ppm
				Chromium	3,070	ppm
CL-73	Interior of the Sub	Bulk	Paint (Textured)	Barium	362	ppm
				Cadmium	16.9	ppm
				Lead	23,600	ppm
				Zinc	45,000	ppm
				Chromium	854	ppm
CL-74	Interior of the Sub	Bulk	Paint (Textured)	Barium	338	ppm
				Cadmium	16.4	ppm
				Lead	4,980	ppm
				Zinc	31,900	ppm
				Chromium	841	ppm



Table II: Summary of Interior Metals Results

Sample No.	System	Matrix	Material	Metal	Amount	Units
CL-75	Interior of the Sub	Bulk	Paint (Textured)	Barium	253	ppm
				Cadmium	18.5	ppm
				Lead	4,270	ppm
				Zinc	10,500	ppm
				Chromium	1,550	ppm
CL-76	Interior of the Sub	Bulk	Paint (Textured)	Barium	81	ppm
				Cadmium	3.79	ppm
				Lead	912	ppm
				Zinc	4,720	ppm
				Chromium	401	ppm
CL-77	Interior of the Sub	Bulk	Paint (Textured)	Barium	56.9	ppm
				Cadmium	3.73	ppm
				Lead	7,500	ppm
				Zinc	8,450	ppm
				Chromium	2,010	ppm
CL-78	Interior of the Sub	Bulk	Paint (Textured)	Barium	536	ppm
				Cadmium	4.9	ppm
				Lead	2,160	ppm
				Zinc	8,270	ppm
				Chromium	490	ppm
CL-79	Interior of the Sub	Bulk	Paint (Textured)	Barium	141	ppm
				Cadmium	9.76	ppm
				Lead	9,430	ppm
				Zinc	18,300	ppm
				Chromium	1,060	ppm



Table II: Summary of Interior Metals Results

Sample No.	System	Matrix	Material	Metal	Amount	Units
CL-80	Interior of the Sub	Bulk	Paint (Textured)	Barium	204	ppm
				Cadmium	25.4	ppm
				Lead	750	ppm
				Zinc	39,900	ppm
				Chromium	558	ppm
CL-81	Interior of the Sub	Bulk	Paint (Textured)	Barium	598	ppm
				Cadmium	2.01	ppm
				Lead	2,530	ppm
				Zinc	7,000	ppm
				Chromium	282	ppm
CL-82	Interior of the Sub	Bulk	Paint (Textured)	Barium	270	ppm
				Cadmium	24.7	ppm
				Lead	1,510	ppm
				Zinc	38,700	ppm
				Chromium	844	ppm
CL-83	Interior of the Sub	Bulk	Paint (Textured)	Barium	106	ppm
				Cadmium	6.26	ppm
				Lead	1,960	ppm
				Zinc	19,200	ppm
				Chromium	498	ppm
CL-84	Interior of the Sub	Bulk	Paint	Barium	325	ppm
				Cadmium	11.3	ppm
				Lead	2,250	ppm
				Zinc	23,600	ppm
				Chromium	259	ppm



Table II: Summary of Interior Metals Results

Sample No.	System	Matrix	Material	Metal	Amount	Units
CL-85	Interior of the Sub	Bulk	Paint	Barium	168	ppm
				Cadmium	9.82	ppm
				Lead	3,670	ppm
				Zinc	22,500	ppm
				Chromium	344	ppm
CL-86	Interior of the Sub	Bulk	Paint	Barium	449	ppm
				Cadmium	18.5	ppm
				Lead	2,610	ppm
				Zinc	27,200	ppm
				Chromium	440	ppm
CL-87	Interior of the Sub	Bulk	Paint	Barium	654	ppm
				Cadmium	15.6	ppm
				Lead	2,400	ppm
				Zinc	25,700	ppm
				Chromium	530	ppm
CL-88	Interior of the Sub	Bulk	Paint	Barium	846	ppm
				Cadmium	12.2	ppm
				Lead	2,160	ppm
				Zinc	25,200	ppm
				Chromium	786	ppm
CL-89	Interior of the Sub	Bulk	Paint	Barium	155	ppm
				Cadmium	8	ppm
				Lead	9,500	ppm
				Zinc	20,000	ppm
				Chromium	172	ppm
CL-90	Interior of the Sub	Bulk	Paint	Barium	164	ppm
				Cadmium	8.71	ppm
				Lead	13,400	ppm
				Zinc	17,300	ppm
				Chromium	86.2	ppm



Table II: Summary of Interior Metals Results

Sample No.	System	Matrix	Material	Metal	Amount	Units
CL-91	Interior of the Sub	Bulk	Paint	Barium	61.5	ppm
				Cadmium	7.11	ppm
				Lead	2,810	ppm
				Zinc	21,700	ppm
				Chromium	444	ppm
CL-92	Interior of the Sub	Bulk	Paint	Barium	1,360	ppm
				Cadmium	22	ppm
				Lead	2,580	ppm
				Zinc	30,400	ppm
				Chromium	584	ppm
CL-93	Interior of the Sub	Bulk	Paint	Barium	81	ppm
				Cadmium	10.7	ppm
				Lead	2,920	ppm
				Zinc	24,000	ppm
				Chromium	1,210	ppm
CL-94	Interior of the Sub	Bulk	Paint	Barium	63.3	ppm
				Cadmium	7.21	ppm
				Lead	2,910	ppm
				Zinc	20,500	ppm
				Chromium	550	ppm
CL-95	Interior of the Sub	Bulk	Paint	Barium	97.9	ppm
				Cadmium	6.04	ppm
				Lead	2,460	ppm
				Zinc	16,400	ppm
				Chromium	479	ppm



Table II: Summary of Interior Metals Results

Sample No.	System	Matrix	Material	Metal	Amount	Units
CL-96	Interior of the Sub	Bulk	Paint	Barium	70	ppm
				Cadmium	5.2	ppm
				Lead	1,600	ppm
				Zinc	16,800	ppm
				Chromium	398	ppm
CL-97	Interior of the Sub	Bulk	Paint	Barium	145	ppm
				Cadmium	6.87	ppm
				Lead	2,880	ppm
				Zinc	23,600	ppm
				Chromium	386	ppm
CL-98	Interior of the Sub	Bulk	Paint	Barium	124	ppm
				Cadmium	6.97	ppm
				Lead	2,860	ppm
				Zinc	17,600	ppm
				Chromium	433	ppm

Notes: ppm = parts per million



Table III: Summary of Exterior Metals Results

Sample No.	System	Matrix	Material	Metal	Amount	Units
CL-99	Exterior Shell	Bulk	Paint	Barium	393	ppm
				Cadmium	29.8	ppm
				Lead	1,100	ppm
				Zinc	109,000	ppm
				Chromium	217	ppm
CL-100	Exterior Shell	Bulk	Paint	Barium	3.49	ppm
				Cadmium	17.6	ppm
				Lead	16.1	ppm
				Zinc	64.5	ppm
				Chromium	31.2	ppm
CL-101	Exterior Shell	Bulk	Paint	Barium	2.37	ppm
				Cadmium	22.9	ppm
				Lead	11.6	ppm
				Zinc	54.6	ppm
				Chromium	40.1	ppm
CL-102	Exterior Shell	Bulk	Paint	Barium	4.95	ppm
				Cadmium	23.8	ppm
				Lead	13.7	ppm
				Zinc	175	ppm
				Chromium	47.4	ppm
CL-103	Exterior Shell	Bulk	Paint	Barium	3.23	ppm
				Cadmium	19.6	ppm
				Lead	13	ppm
				Zinc	144	ppm
				Chromium	35.9	ppm





Table III: Summary of Exterior Metals Results

Sample No.	System	Matrix	Material	Metal	Amount	Units
CL-104	Exterior Shell	Bulk	Paint	Barium	197	ppm
				Cadmium	15	ppm
				Lead	26,400	ppm
				Zinc	58,000	ppm
				Chromium	1,950	ppm
CL-105	Exterior Shell	Bulk	Paint	Barium	196	ppm
				Cadmium	12.4	ppm
				Lead	27,300	ppm
				Zinc	39,200	ppm
				Chromium	2,720	ppm
CL-106	Exterior Shell	Bulk	Paint	Barium	181	ppm
				Cadmium	13.8	ppm
				Lead	47,400	ppm
				Zinc	63,400	ppm
				Chromium	2,780	ppm
CL-107	Exterior Shell	Bulk	Paint	Barium	185	ppm
				Cadmium	13.8	ppm
				Lead	31,800	ppm
				Zinc	45,800	ppm
				Chromium	2,380	ppm
CL-108	Exterior Shell	Bulk	Paint	Barium	185	ppm
				Cadmium	11	ppm
				Lead	50,100	ppm
				Zinc	45,200	ppm
				Chromium	2,760	ppm



Table III: Summary of Exterior Metals Results

Sample No.	System	Matrix	Material	Metal	Amount	Units
CL-109	Exterior Shell	Bulk	Paint	Barium	215	ppm
				Cadmium	13.4	ppm
				Lead	43,800	ppm
				Zinc	65,900	ppm
				Chromium	2,750	ppm
CL-110	Exterior Shell	Bulk	Paint	Barium	191	ppm
				Cadmium	16.2	ppm
				Lead	9,730	ppm
				Zinc	34,100	ppm
				Chromium	1,020	ppm
CL-111	Exterior Shell	Bulk	Paint	Barium	266	ppm
				Cadmium	14.5	ppm
				Lead	22,400	ppm
				Zinc	79,300	ppm
				Chromium	2,500	ppm
CL-112	Exterior Shell	Bulk	Paint	Barium	171	ppm
				Cadmium	23.6	ppm
				Lead	6,900	ppm
				Zinc	42,900	ppm
				Chromium	746	ppm
CL-113	Exterior Shell	Bulk	Paint	Barium	218	ppm
				Cadmium	24.6	ppm
				Lead	15,500	ppm
				Zinc	57,000	ppm
				Chromium	1,670	ppm



Table III: Summary of Exterior Metals Results

Sample No.	System	Matrix	Material	Metal	Amount	Units
CL-114	Exterior Hull	Bulk	Paint	Barium	16.6	ppm
				Cadmium	17.6	ppm
				Lead	356	ppm
				Zinc	446	ppm
				Chromium	150	ppm
CL-115	Exterior Hull	Bulk	Paint	Barium	5.61	ppm
				Cadmium	7.93	ppm
				Lead	298	ppm
				Zinc	101	ppm
				Chromium	113	ppm
CL-116	Exterior Hull	Bulk	Paint	Barium	14.4	ppm
				Cadmium	27.6	ppm
				Lead	225	ppm
				Zinc	318	ppm
				Chromium	316	ppm
CL-117	Exterior Hull	Bulk	Paint	Barium	50.8	ppm
				Cadmium	29.6	ppm
				Lead	826	ppm
				Zinc	432	ppm
				Chromium	188	ppm
CL-118	Exterior Hull	Bulk	Paint	Barium	57.2	ppm
				Cadmium	29.6	ppm
				Lead	287	ppm
				Zinc	169	ppm
				Chromium	203	ppm



Table III: Summary of Exterior Metals Results

Sample No.	System	Matrix	Material	Metal	Amount	Units
CL-119	Exterior Hull	Bulk	Paint	Barium	5.31	ppm
				Cadmium	14.3	ppm
				Lead	108	ppm
				Zinc	149	ppm
				Chromium	95.3	ppm
CL-120	Exterior Hull	Bulk	Paint	Barium	8.14	ppm
				Cadmium	30.8	ppm
				Lead	52.1	ppm
				Zinc	92.7	ppm
				Chromium	152	ppm
CL-121	Exterior Hull	Bulk	Paint	Barium	7.56	ppm
				Cadmium	18	ppm
				Lead	102	ppm
				Zinc	95.3	ppm
				Chromium	213	ppm
CL-122	Exterior Hull	Bulk	Paint	Barium	3.22	ppm
				Cadmium	12.4	ppm
				Lead	111	ppm
				Zinc	115	ppm
				Chromium	136	ppm
CL-123	Exterior Hull	Bulk	Paint	Barium	252	ppm
				Cadmium	37.8	ppm
				Lead	8,470	ppm
				Zinc	708	ppm
				Chromium	559	ppm



Table III: Summary of Exterior Metals Results

Sample No.	System	Matrix	Material	Metal	Amount	Units
CL-124	Exterior Hull	Bulk	Paint	Barium	15.6	ppm
				Cadmium	13	ppm
				Lead	1,240	ppm
				Zinc	308	ppm
				Chromium	168	ppm
CL-125	Exterior Hull	Bulk	Paint	Barium	26	ppm
				Cadmium	33.8	ppm
				Lead	17,500	ppm
				Zinc	1,160	ppm
				Chromium	957	ppm
CL-126	Exterior Hull	Bulk	Paint	Barium	22.9	ppm
				Cadmium	36.4	ppm
				Lead	148	ppm
				Zinc	190	ppm
				Chromium	256	ppm
CL-127	Exterior Hull	Bulk	Paint	Barium	6.63	ppm
				Cadmium	21.5	ppm
				Lead	107	ppm
				Zinc	148	ppm
				Chromium	236	ppm
CL-128	Exterior Hull	Bulk	Paint	Barium	7.72	ppm
				Cadmium	22.1	ppm
				Lead	378	ppm
				Zinc	166	ppm
				Chromium	160	ppm

Notes: ppm = parts per million



Table IV: Summary of Asbestos Results

Sample No.	Location	Material	Approx. Quantity	Asbestos Type	Percent	Condition	Potential for Disturbance	Hazard Assessment	
CL-TP-01	Interior of Sub	Textured Paint	5,000 SF	ND	NA	NA	NA	NA	
CL-TP-02	Interior of Sub			ND	NA	NA	NA	NA	NA
CL-TP-03	Interior of Sub			ND	NA	NA	NA	NA	NA
CL-TP-04	Interior of Sub			ND	NA	NA	NA	NA	NA
CL-TP-05	Interior of Sub			ND	NA	NA	NA	NA	NA
CL-TP-06	Interior of Sub			ND	NA	NA	NA	NA	NA
CL-TP-07	Interior of Sub			ND	NA	NA	NA	NA	NA
CL-FT1-01	Control Room	Floor Tile (12" tan) Mastic (beige)	20 SF	Chrysotile ND	2 NA	G, NF	PD	2	
CL-FT1-02	Control Room			Chrysotile ND	2 NA	G, NF	PD	2	
CL-FT1-03	Officer Room			Not Analy. ND	NA	NA	NA	NA	NA
CL-SF1-01	Torpedo Room	Sheet Flooring (white) Mastic (beige)	100 SF	ND	NA	NA	NA	NA	
CL-SF1-02	Control Room			ND ND	NA NA	NA	NA	NA	NA
CL-SF1-03	Officer Room			ND ND	NA NA	NA	NA	NA	NA
CL-SF2-01	Galley	Sheet Flooring (green/white) Mastic (beige)	100 SF	ND ND	NA NA	NA	NA	NA	
CL-SF2-02	Galley			ND ND	NA NA	NA	NA	NA	NA
CL-SF2-03	Galley			ND ND	NA NA	NA	NA	NA	NA
CL-SF3-01	Display Room	Sheet Flooring (green/grey)	100 SF	ND	NA	NA	NA	NA	
CL-SF3-02	Bathroom			ND	NA	NA	NA	NA	NA
CL-SF3-03	Bathroom			ND	NA	NA	NA	NA	NA



**Table IV: Summary of Asbestos Results**

Sample No.	Location	Material	Approx. Quantity	Asbestos Type	Percent	Condition	Potential for Disturbance	Hazard Assessment
CL-DI1-01	Torpedo Room	Duct Insulation Wrap	500-1000 SF	ND Chrysotile	NA 40	G, NF	PD	2
CL-DI1-02	Display Room			ND Chrysotile	NA 40	G, NF	PD	2
CL-DI1-03	Torpedo Room			ND Not Analy.	NA	NA	NA	NA
CL-DI2-01	Torpedo Room	Duct Insulation	500-1000 SF	Chrysotile	40	G, NF	PD	2
CL-DI2-02	Display Room			Chrysotile	40	G, NF	PD	2
CL-DI2-03	Torpedo Room			Not Analy.	NA	NA	NA	NA
CL-CI-01	Throughout the submarine	Cable Insulation	5000 LF	Chrysotile	2	G, F	PD	2
CL-CI-02				Chrysotile	2	G, F	PD	2
CL-CI-03				Chrysotile	2	G, F	PD	2
CL-CI2-01				ND	NA	NA	NA	NA
CL-CI2-02				ND	NA	NA	NA	NA
CL-CI2-03				ND	NA	NA	NA	NA
CL-CI3-01				ND	NA	NA	NA	NA
CL-CI3-02				ND	NA	NA	NA	NA
CL-CI3-03				ND	NA	NA	NA	NA

ND = No Asbestos Detected

NA = Not Applicable

SF = square feet

LF = linear feet

LPD = low potential for disturbance

PD = potential for disturbance

PSD = potential for significant disturbance

G = good

D = damaged

SD = significantly damaged

F = friable

NF = non-friable

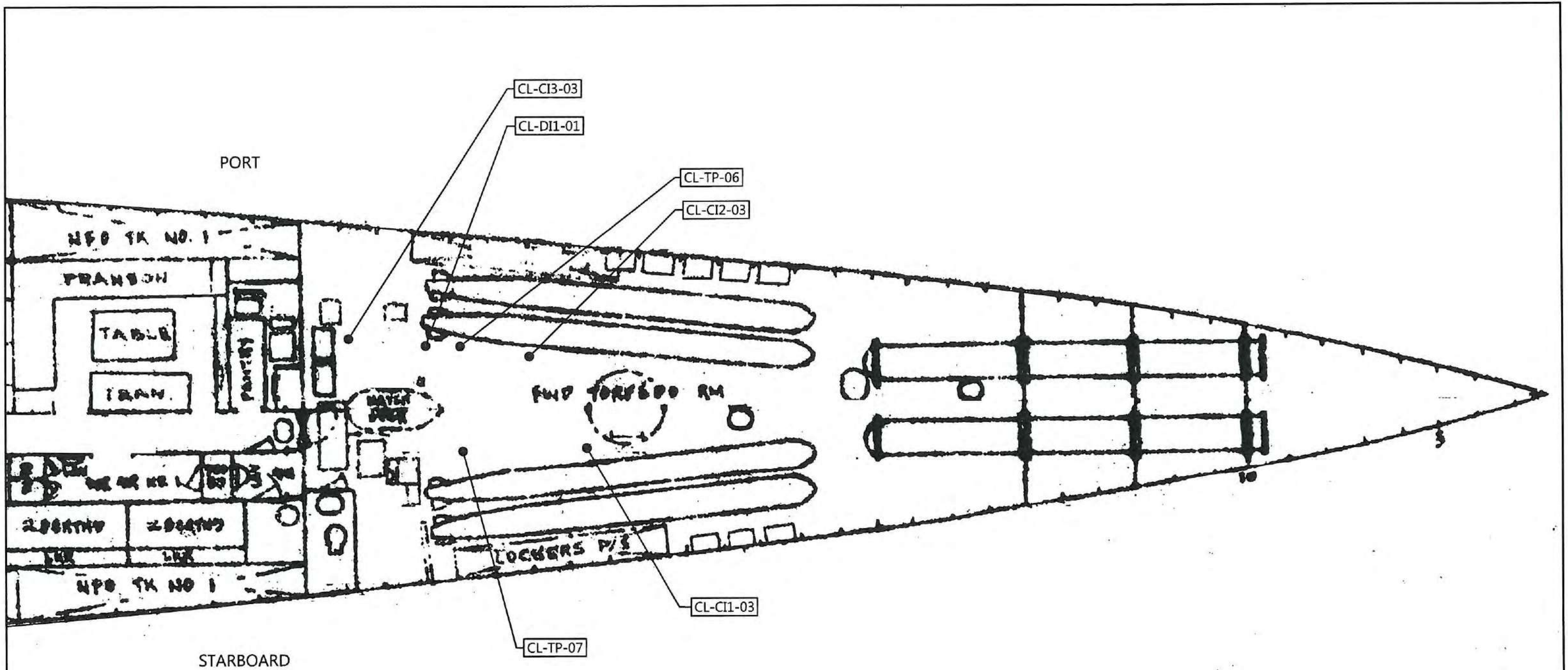
<sup>1</sup>EPA, SCDHEC and OSHA defines a material as asbestos containing if an asbestos content greater than one percent (>1%) is detected in a representative sample.

<sup>2</sup>Quantities are estimated, and should not be used for bidding purposes, as field conditions should be verified.

<sup>3</sup>Samples analyzed by TEM to confirm negative results reported by PLM analysis.

## **Appendix II – Exhibits of Sample Locations**



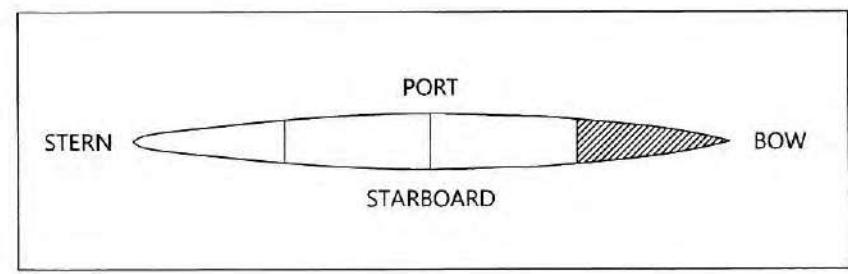


**LEGEND**

● CL-XX BULK SAMPLE LOCATION

**CONFIRMED ASBESTOS CONTAINING MATERIALS**

- DUCT INSULATION AND WRAP - THROUGHOUT THE SUBMARINE
- DUCT INSULATION- THROUGHOUT THE SUBMARINE
- CABLE INSULATION- THROUGHOUT THE SUBMARINE

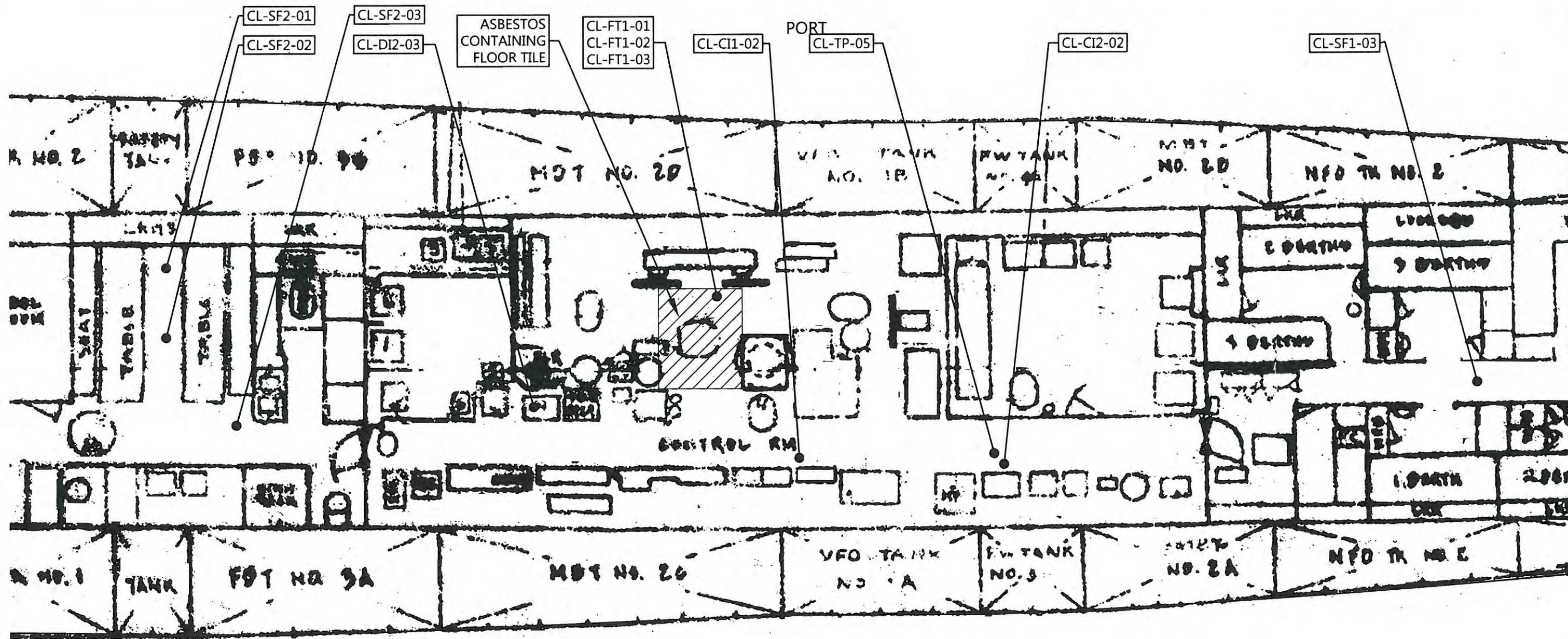


KEY  
(NOT TO SCALE)



HAZARDOUS MATERIALS ASSESSMENT ASBESTOS BULK SAMPLE LOCATIONS		
USS CLAMAGORE - PATRIOTS POINT NAVAL AND MARITIME MUSEUM MOUNT PLEASANT, SOUTH CAROLINA		
SCALE: AS SHOWN	DRAWN BY: LAJ	APPROVED BY: DG
PROJECT NO. 4213-15-242	DATE: 9-22-2016	FIGURE NO. 1

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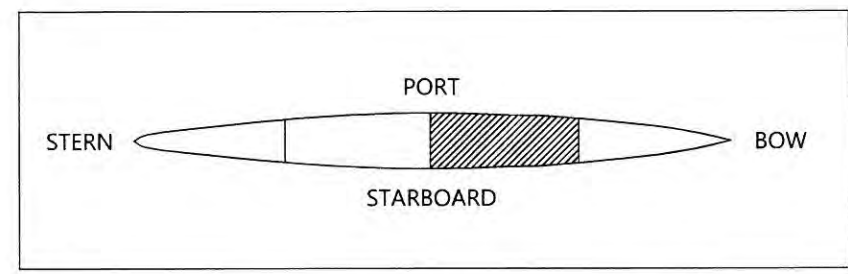
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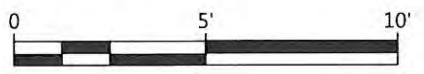
CL-XX BULK SAMPLE LOCATION

**CONFIRMED ASBESTOS CONTAINING MATERIALS**

- DUCT INSULATION AND WRAP - THROUGHOUT THE SUBMARINE
- DUCT INSULATION- THROUGHOUT THE SUBMARINE
- CABLE INSULATION- THROUGHOUT THE SUBMARINE
- FLOOR TILE (12" TAN) AND ASSOCIATED MASTIC (BEIGE) -APPROXIMATELY 20 SQUARE FEET

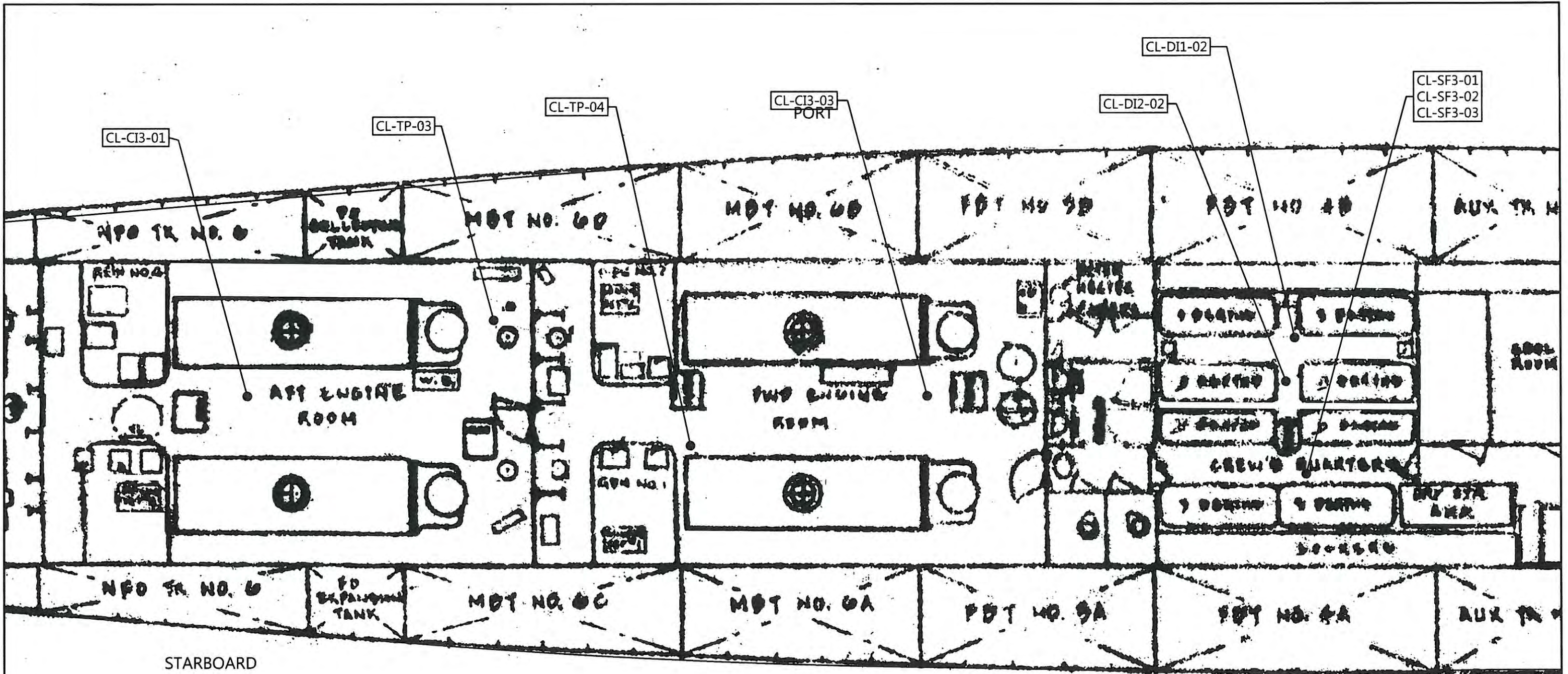


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(NOT TO SCALE)



HAZARDOUS MATERIALS ASSESSMENT ASBESTOS BULK SAMPLE LOCATIONS		
USS CLAMAGORE - PATRIOTS POINT NAVAL AND MARITIME MUSEUM MOUNT PLEASANT, SOUTH CAROLINA		
SCALE: AS SHOWN	DRAWN BY: LAJ	APPROVED BY: DG
PROJECT NO. 4213-15-242	DATE: 9-22-2016	FIGURE NO. 2

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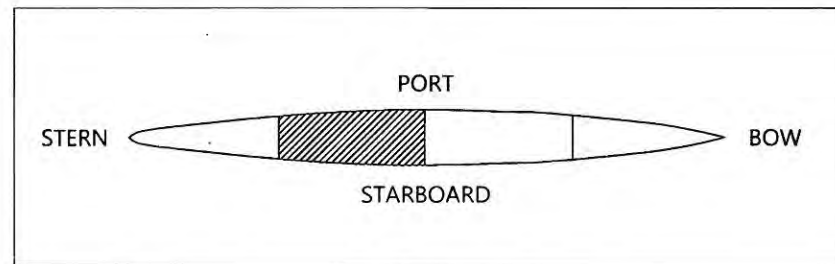
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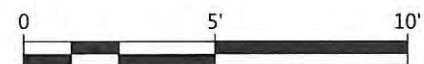
CL-XX BULK SAMPLE LOCATION

**CONFIRMED ASBESTOS CONTAINING MATERIALS**

- DUCT INSULATION AND WRAP - THROUGHOUT THE SUBMARINE
- DUCT INSULATION- THROUGHOUT THE SUBMARINE
- CABLE INSULATION- THROUGHOUT THE SUBMARINE

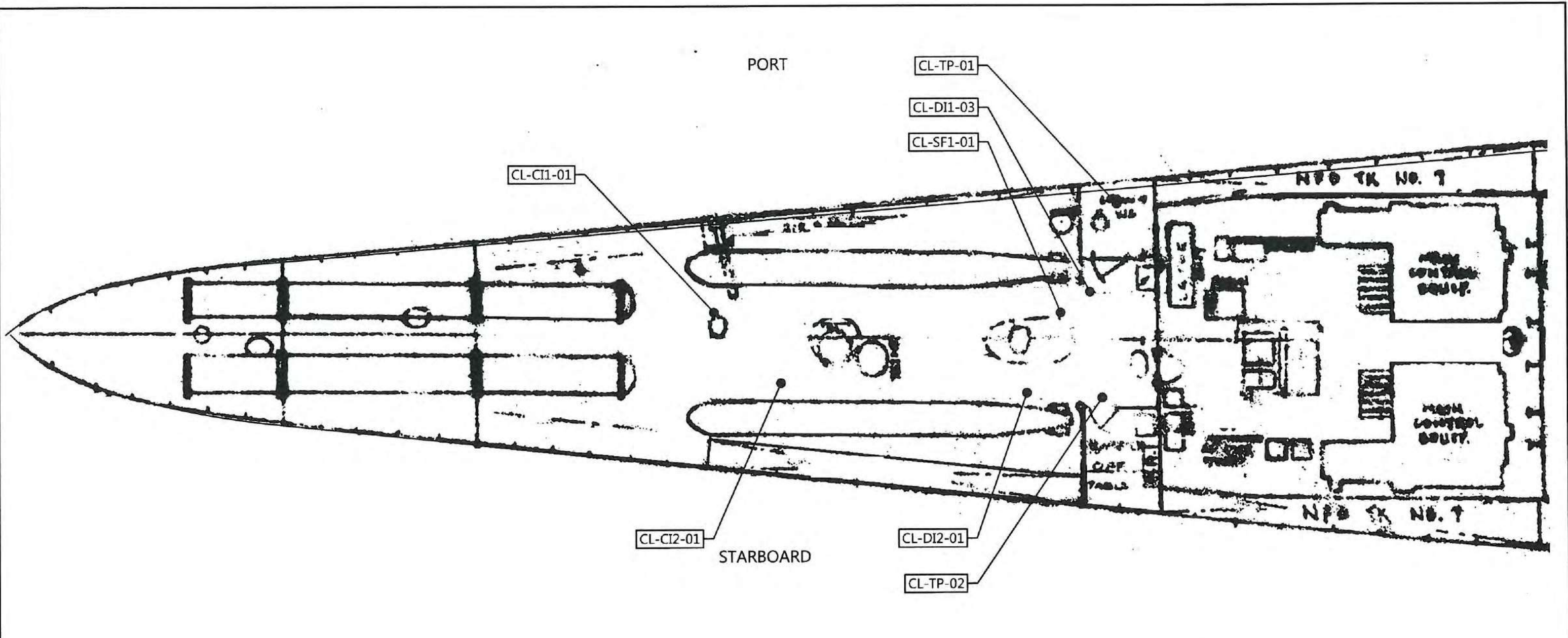


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HAZARDOUS MATERIALS ASSESSMENT ASBESTOS BULK SAMPLE LOCATIONS		
USS CLAMAGORE - PATRIOTS POINT NAVAL AND MARITIME MUSEUM MOUNT PLEASANT, SOUTH CAROLINA		
SCALE: AS SHOWN	DRAWN BY: LAJ	APPROVED BY: DG
PROJECT NO. 4213-15-242	DATE: 9-22-2016	FIGURE NO. 3

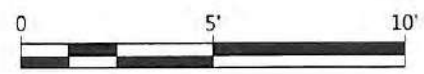
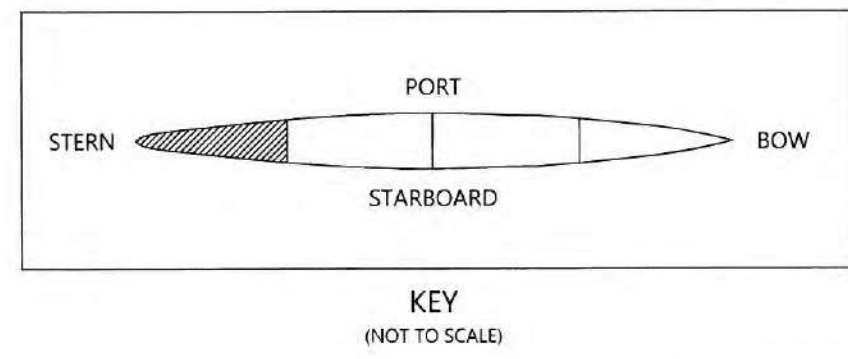
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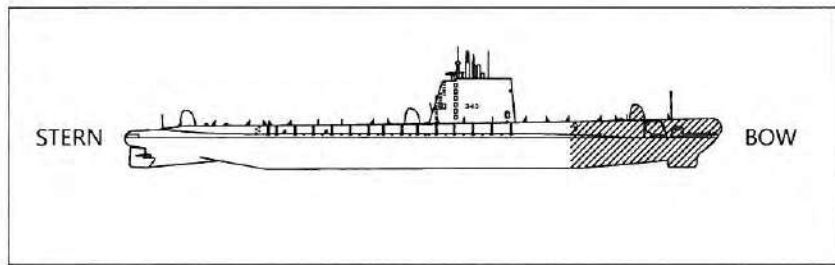
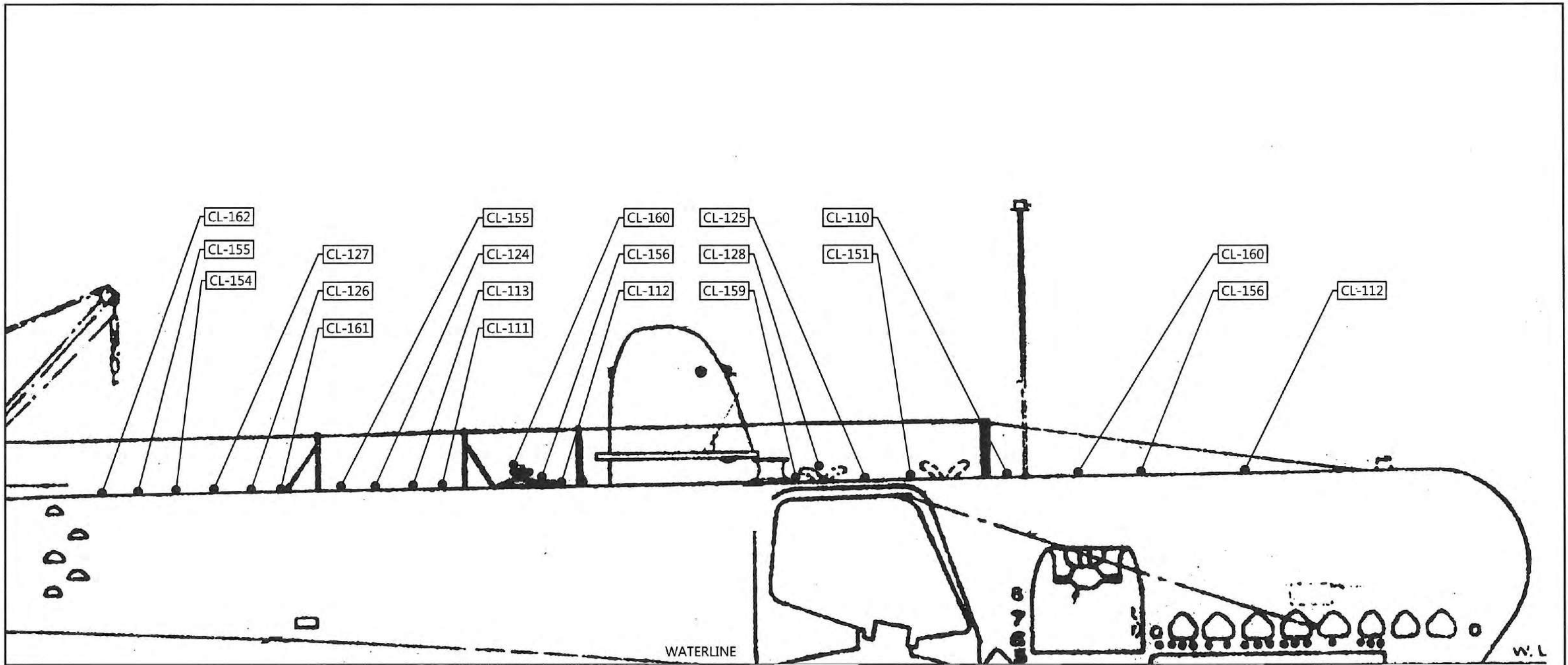
CL-XX BULK SAMPLE LOCATION

- CONFIRMED ASBESTOS CONTAINING MATERIALS**
- DUCT INSULATION AND WRAP - THROUGHOUT THE SUBMARINE
  - DUCT INSULATION- THROUGHOUT THE SUBMARINE
  - CABLE INSULATION- THROUGHOUT THE SUBMARINE



HAZARDOUS MATERIALS ASSESSMENT ASBESTOS BULK SAMPLE LOCATIONS		
USS CLAMAGORE - PATRIOTS POINT NAVAL AND MARITIME MUSEUM MOUNT PLEASANT, SOUTH CAROLINA		
SCALE: AS SHOWN	DRAWN BY: LAJ	APPROVED BY: DG
PROJECT NO: 4213-15-242	DATE: 9-22-2016	FIGURE NO. 4

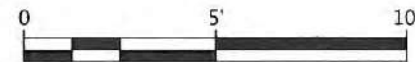
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KEY  
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**LEGEND**

● CL-XX SAMPLE LOCATION



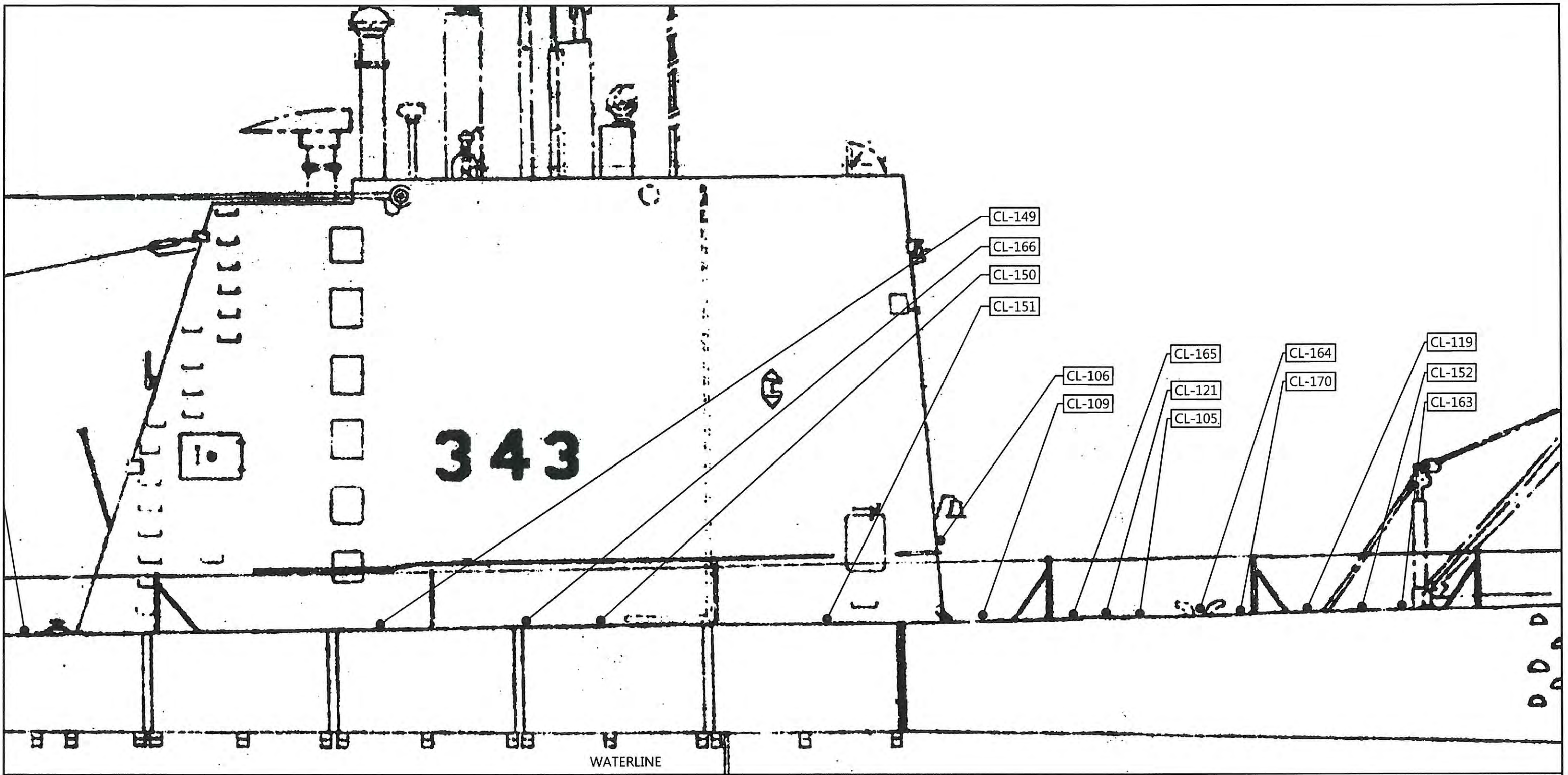
**PCB NOTES**

- EXTERIOR PAINT ON THE HULL AND SHELL WERE FOUND TO HAVE A PCB CONTENT LESS THAN 50 ppm.
- EXTERIOR PAINT ON THE HULL AND SHELL HAVE SIGNIFICANT LEVELS OF VARIOUS METALS.



**HAZARDOUS MATERIAL ASSESSMENT  
EXTERIOR HULL AND SHELL PAINT SAMPLE LOCATIONS  
USS CLAMAGORE - PATRIOTS POINT NAVAL AND MARITIME MUSEUM  
MOUNT PLEASANT, SOUTH CAROLINA**

SCALE: AS SHOWN	DRAWN BY: LAJ	APPROVED BY: DG
PROJECT NO: 4213-15-242	DATE: 9-22-2016	FIGURE NO. 5



CL-149  
 CL-166  
 CL-150  
 CL-151

CL-106  
 CL-109

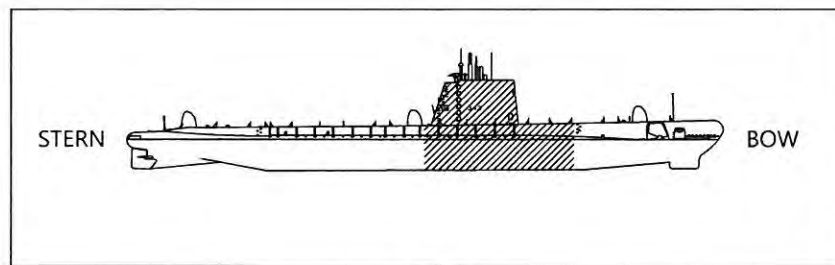
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 CL-121  
 CL-105

CL-164  
 CL-170

CL-119  
 CL-152  
 CL-163

**343**

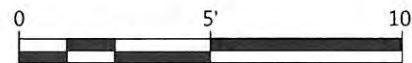
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**LEGEND**

● CL-XX SAMPLE LOCATION



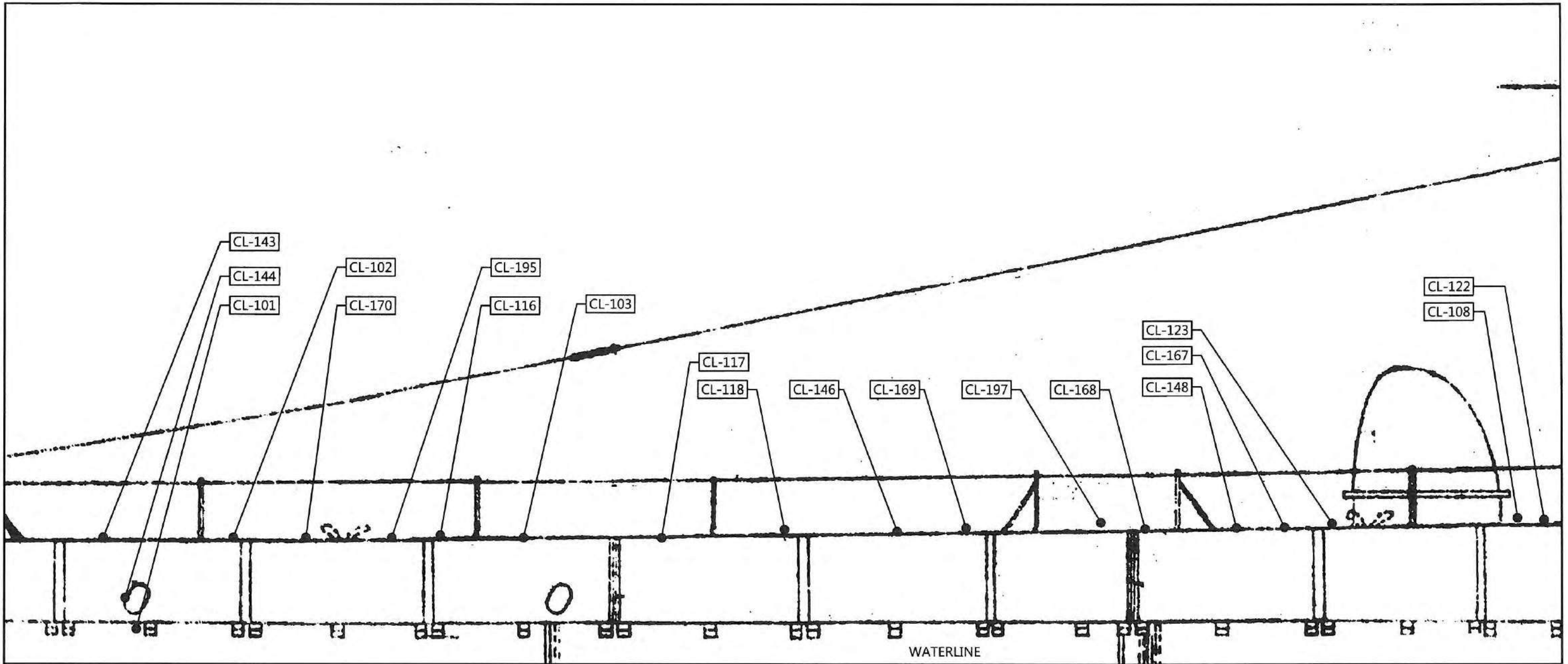
**PCB NOTES**

- EXTERIOR PAINT ON THE HULL AND SHELL WERE FOUND TO HAVE A PCB CONTENT LESS THAN 50 ppm.
- EXTERIOR PAINT ON THE HULL AND SHELL HAVE SIGNIFICANT LEVELS OF VARIOUS METALS.



**HAZARDOUS MATERIAL ASSESSMENT  
 EXTERIOR HULL AND SHELL PAINT SAMPLE LOCATIONS  
 USS CLAMAGORE - PATRIOTS POINT NAVAL AND MARITIME MUSEUM  
 MOUNT PLEASANT, SOUTH CAROLINA**

SCALE: AS SHOWN	DRAWN BY: LAJ	APPROVED BY: DG
PROJECT NO. 4213-15-242	DATE: 9-22-2016	FIGURE NO. 6



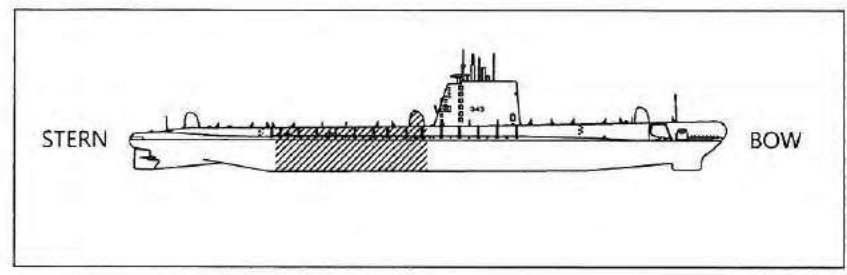
WATERLINE

**LEGEND**

● CL-XX SAMPLE LOCATION

**PCB NOTES**

- EXTERIOR PAINT ON THE HULL AND SHELL WERE FOUND TO HAVE A PCB CONTENT LESS THAN 50 ppm.
- EXTERIOR PAINT ON THE HULL AND SHELL HAVE SIGNIFICANT LEVELS OF VARIOUS METALS.



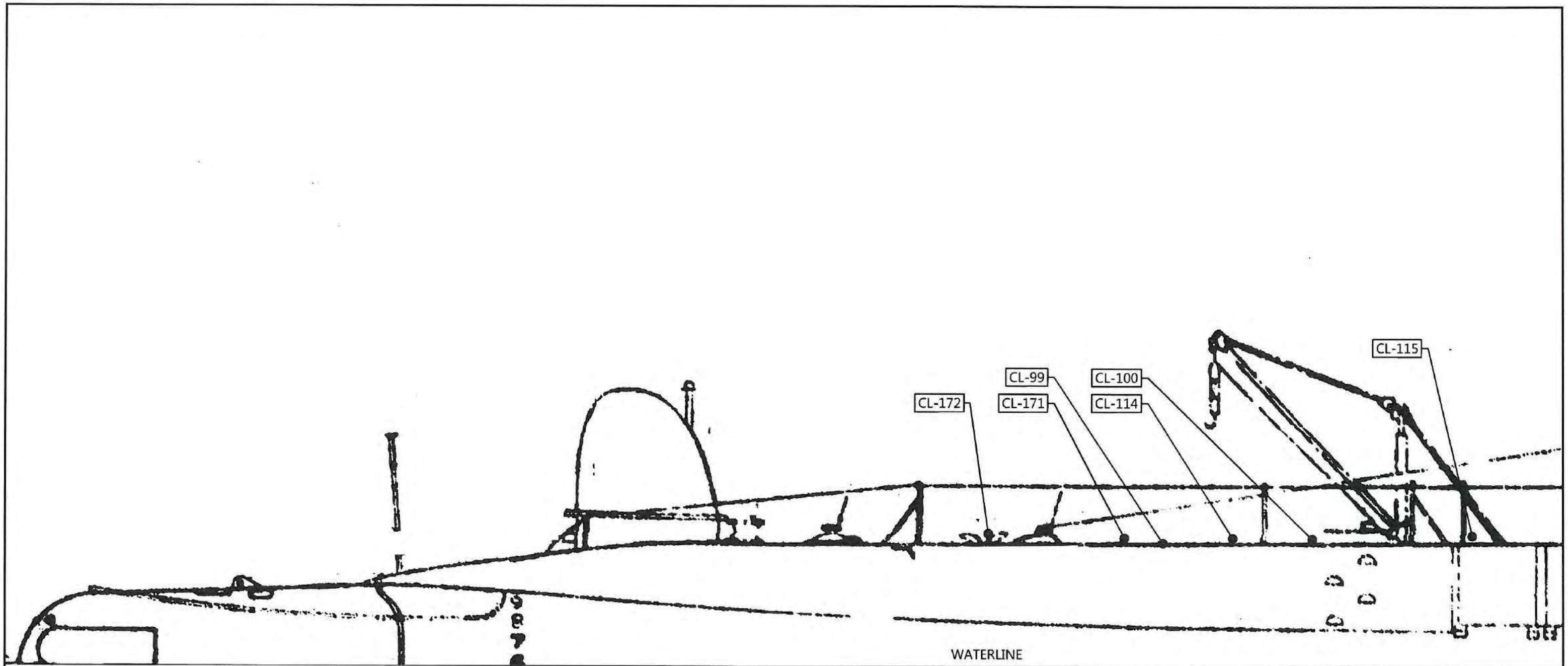
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**HAZARDOUS MATERIAL ASSESSMENT**  
**EXTERIOR HULL AND SHELL PAINT SAMPLE LOCATIONS**  
 USS CLAMAGORE - PATRIOTS POINT NAVAL AND MARITIME MUSEUM  
 MOUNT PLEASANT, SOUTH CAROLINA

SCALE: AS SHOWN	DRAWN BY: LAJ	APPROVED BY: DG
PROJECT NO: 4213-15-242	DATE: 9-22-2016	FIGURE NO: 7

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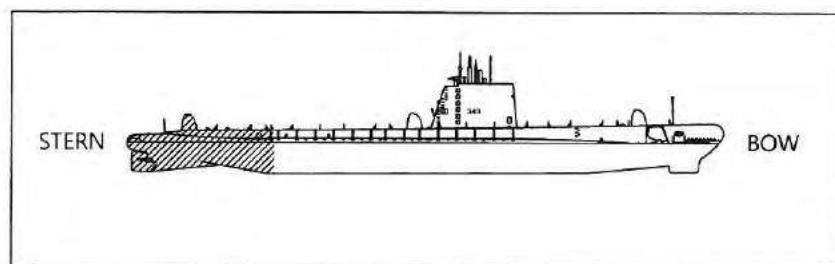
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**LEGEND**

● CL-XX SAMPLE LOCATION

**PCB NOTES**

- EXTERIOR PAINT ON THE HULL AND SHELL WERE FOUND TO HAVE A PCB CONTENT LESS THAN 50 ppm.
- EXTERIOR PAINT ON THE HULL AND SHELL HAVE SIGNIFICANT LEVELS OF VARIOUS METALS.



**KEY**  
(NOT TO SCALE)

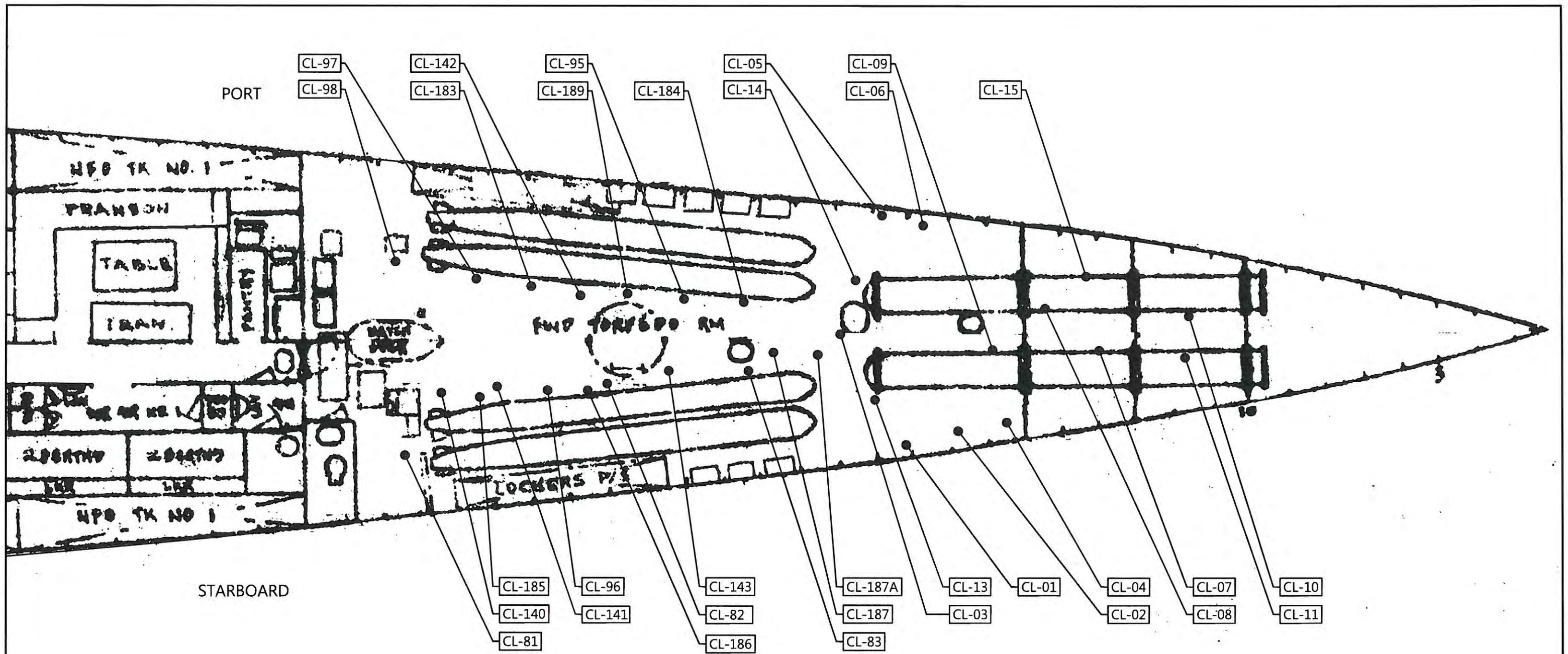


**HAZARDOUS MATERIAL ASSESSMENT**  
**EXTERIOR HULL AND SHELL PAINT SAMPLE LOCATIONS**  
 USS CLAMAGORE - PATRIOTS POINT NAVAL AND MARITIME MUSEUM  
 MOUNT PLEASANT, SOUTH CAROLINA

SCALE: AS SHOWN	DRAWN BY: LAJ	APPROVED BY: DG
PROJECT NO. 4213-15-242	DATE: 9-22-2016	FIGURE NO. 8

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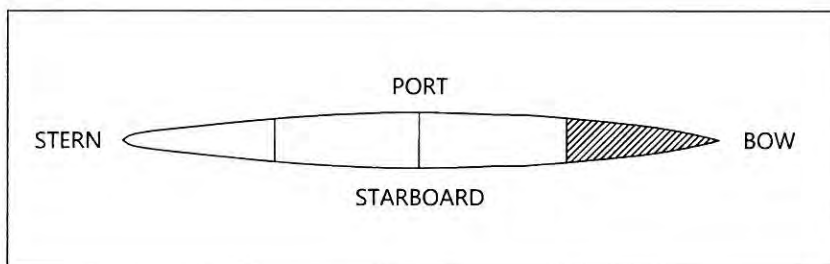


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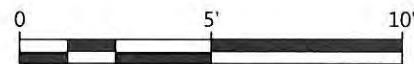
● CL-XX BULK SAMPLE LOCATION

**PCB NOTES**

- INTERIOR SMOOTH AND TEXTURED PAINTS (WHITE AND GREEN) WERE FOUND TO HAVE A PCB CONTENT GREATER THAN 50 ppm.
- CABLING INSULATION WAS FOUND TO HAVE A PCB CONTENT LESS THAN 50 ppm.
- ALL OILS, FLUID, AND LUBRICANTS HAVE PCB CONTENT.



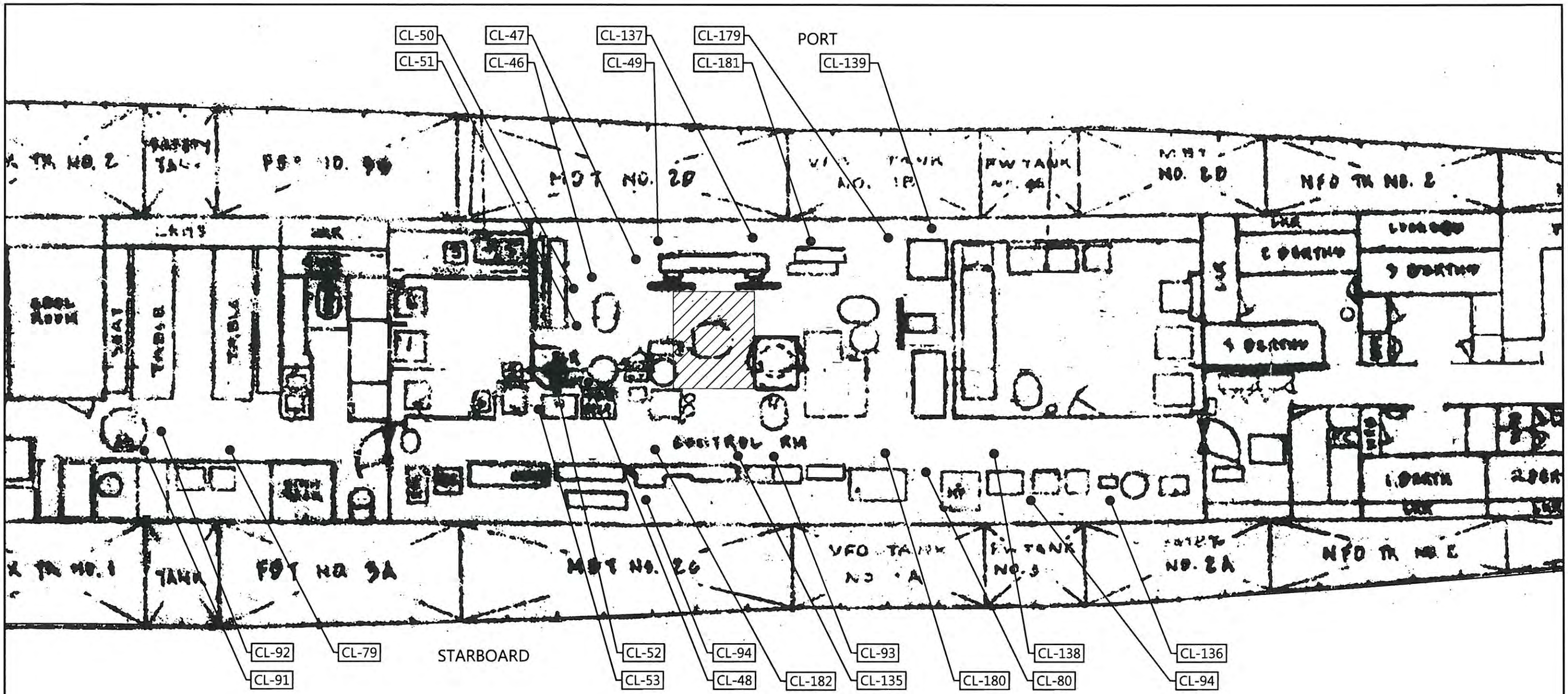
KEY  
(NOT TO SCALE)



**HAZARDOUS MATERIALS ASSESSMENT**  
**OIL, PAINT, AND CABLE INSULATION SAMPLE LOCATIONS**  
 USS CLAMAGORE - PATRIOTS POINT NAVAL AND MARITIME MUSEUM  
 MOUNT PLEASANT, SOUTH CAROLINA

SCALE: AS SHOWN	DRAWN BY: LAJ	APPROVED BY: DG
PROJECT NO. 4213-15-242	DATE: 9-22-2016	FIGURE NO. 9

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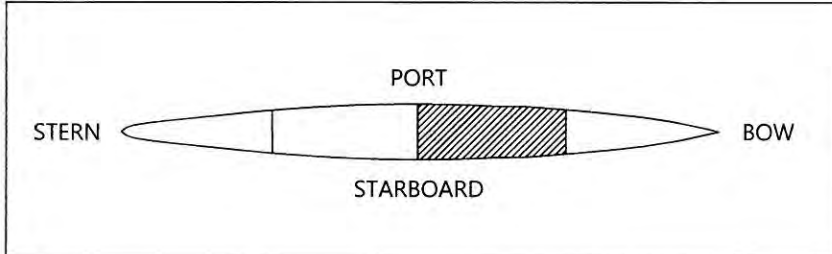


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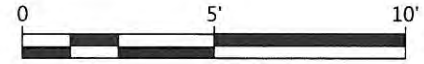
● CL-XX BULK SAMPLE LOCATION

**PCB NOTES**

- INTERIOR SMOOTH AND TEXTURED PAINTS (WHITE AND GREEN) WERE FOUND TO HAVE A PCB CONTENT GREATER THAN 50 ppm.
- CABLING INSULATION WAS FOUND TO HAVE A PCB CONTENT LESS THAN 50 ppm.
- ALL OILS, FLUID, AND LUBRICANTS HAVE PCB CONTENT.



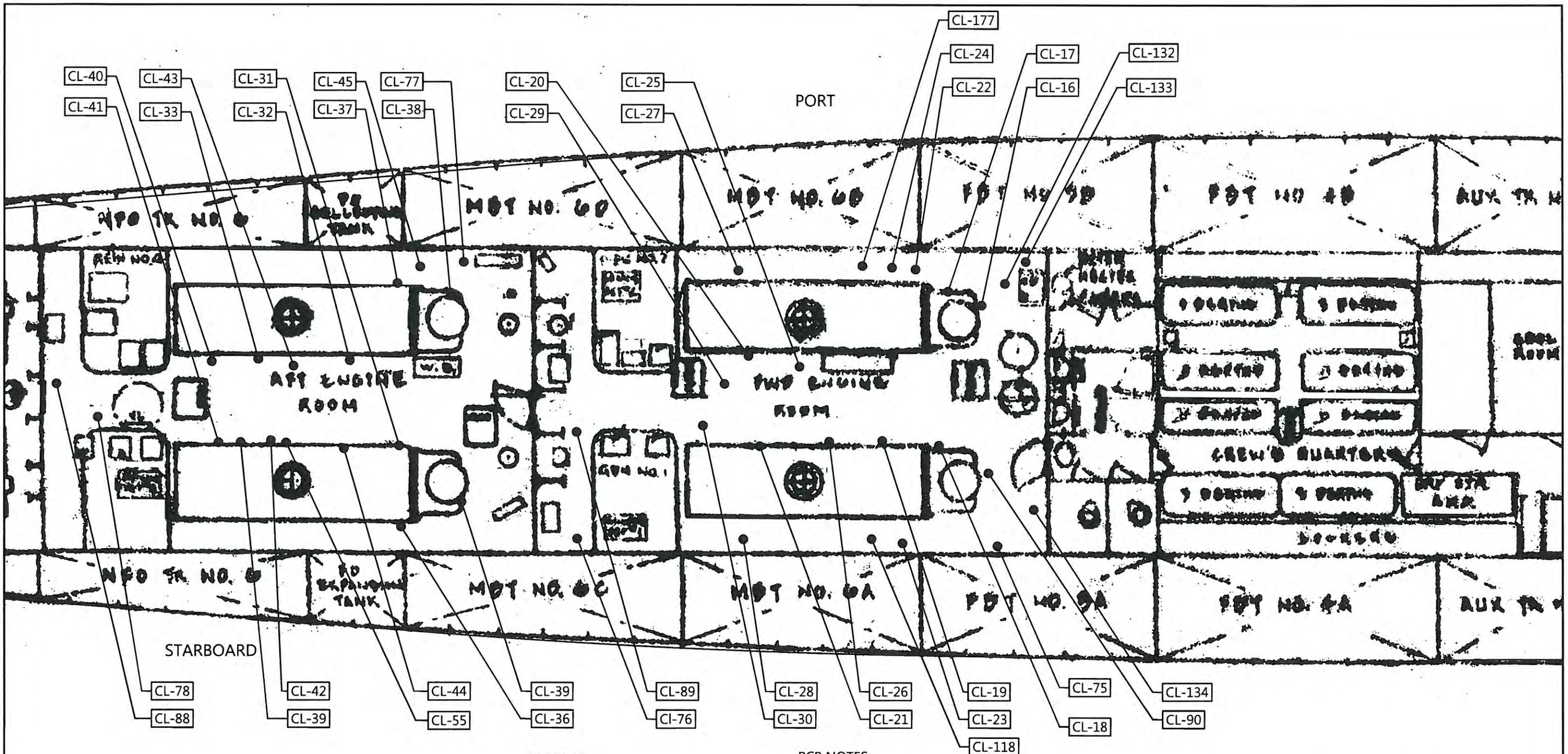
KEY  
(NOT TO SCALE)



**HAZARDOUS MATERIALS ASSESSMENT  
OIL, PAINT, AND CABLE INSULATION SAMPLE LOCATIONS  
USS CLAMAGORE - PATRIOTS POINT NAVAL AND MARITIME MUSEUM  
MOUNT PLEASANT, SOUTH CAROLINA**

SCALE: AS SHOWN	DRAWN BY: LAJ	APPROVED BY: DG
PROJECT NO. 4213-15-242	DATE: 9-22-2016	FIGURE NO. 10

C:\drawing\4213\15\242\4213-15-242.dwg

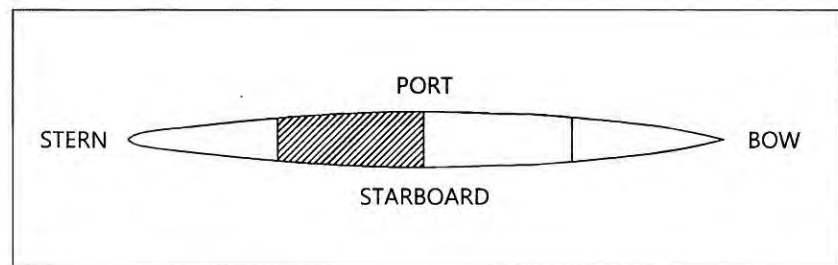


**LEGEND**

● CL-XX BULK SAMPLE LOCATION

**PCB NOTES**

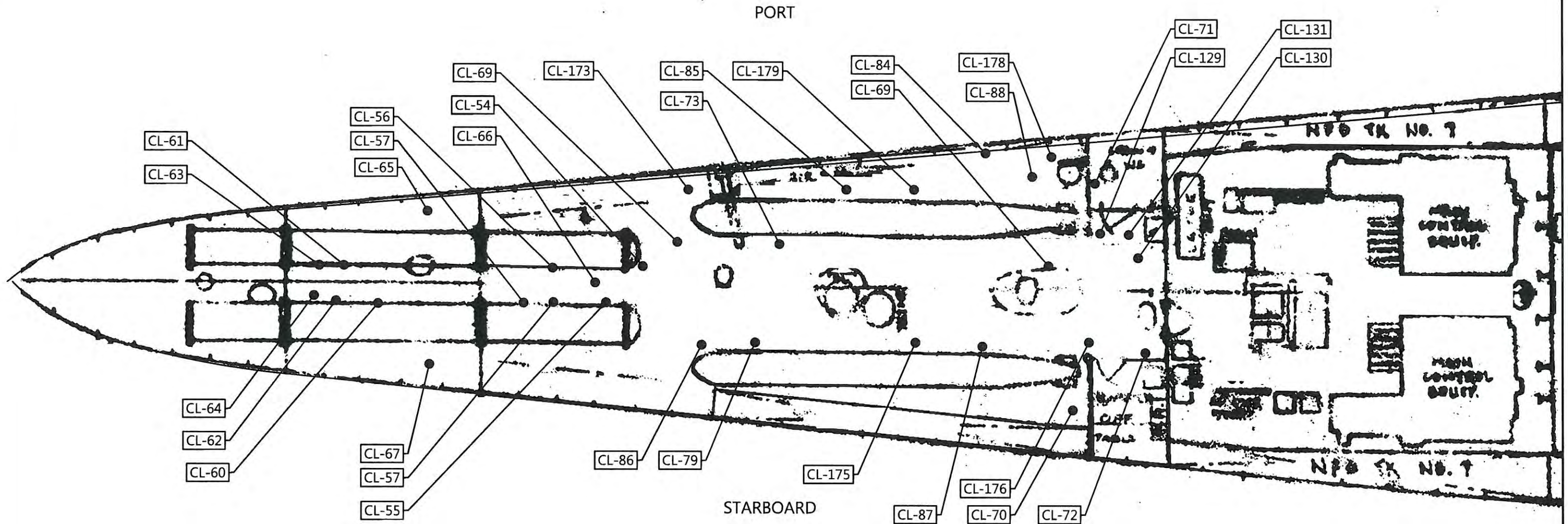
- INTERIOR SMOOTH AND TEXTURED PAINTS (WHITE AND GREEN) WERE FOUND TO HAVE A PCB CONTENT GREATER THAN 50 ppm.
- CABLING INSULATION WAS FOUND TO HAVE A PCB CONTENT LESS THAN 50 ppm.
- ALL OILS, FLUID, AND LUBRICANTS HAVE PCB CONTENT.



KEY  
(NOT TO SCALE)



HAZARDOUS MATERIALS ASSESSMENT OIL, PAINT, AND CABLE INSULATION SAMPLE LOCATIONS USS CLAMAGORE - PATRIOTS POINT NAVAL AND MARITIME MUSEUM MOUNT PLEASANT, SOUTH CAROLINA		
SCALE: AS SHOWN	DRAWN BY: LAJ	APPROVED BY: DG
PROJECT NO. 4213-15-242	DATE: 9-22-2016	FIGURE NO. 11

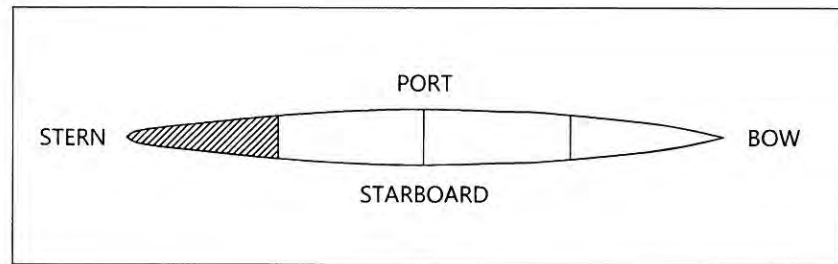


**LEGEND**

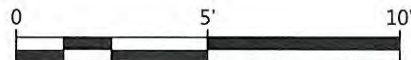
● CL-XX BULK SAMPLE LOCATION

**PCB NOTES**

- INTERIOR SMOOTH AND TEXTURED PAINTS (WHITE AND GREEN) WERE FOUND TO HAVE A PCB CONTENT GREATER THAN 50 ppm.
- CABLING INSULATION WAS FOUND TO HAVE A PCB CONTENT LESS THAN 50 ppm.
- ALL OILS, FLUID, AND LUBRICANTS HAVE PCB CONTENT.



KEY  
(NOT TO SCALE)



HAZARDOUS MATERIALS ASSESSMENT OIL, PAINT, AND CABLE INSULATION SAMPLE LOCATIONS USS CLAMAGORE - PATRIOTS POINT NAVAL AND MARITIME MUSEUM MOUNT PLEASANT, SOUTH CAROLINA		
SCALE: AS SHOWN	DRAWN BY: LAJ	APPROVED BY: DG
PROJECT NO. 4213-15-242	DATE: 9-22-2016	FIGURE NO. 12

## **Appendix III – Laboratory Results and Chain of Custodies**

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Nashville  
2960 Foster Creighton Drive  
Nashville, TN 37204  
Tel: (615)726-0177

TestAmerica Job ID: 490-104815-1

TestAmerica Sample Delivery Group: 4213-15-242 Phase I  
Client Project/Site: Patriots Point USS Clangore

For:

S&ME, Inc.  
620 Wando Park Boulevard  
Mt. Pleasant, South Carolina 29464

Attn: Mr. Don Goins



Authorized for release by:  
6/20/2016 4:03:40 PM

Ken Hayes, Project Manager II  
(615)301-5035  
[ken.hayes@testamericainc.com](mailto:ken.hayes@testamericainc.com)

### LINKS

Review your project  
results through

TotalAccess

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Ask  
The  
Expert

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[www.testamericainc.com](http://www.testamericainc.com)

*The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

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# Sample Summary

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
SDG: 4213-15-242 Phase I

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Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-104815-1	CL-01	Wipe	06/01/16 09:30	06/02/16 09:30
490-104815-2	CL-02	Wipe	06/01/16 09:35	06/02/16 09:30
490-104815-3	CL-03	Wipe	06/01/16 09:40	06/02/16 09:30
490-104815-4	CL-04	Wipe	06/01/16 09:45	06/02/16 09:30
490-104815-5	CL-05	Wipe	06/01/16 09:50	06/02/16 09:30
490-104815-6	CL-06	Wipe	06/01/16 09:55	06/02/16 09:30
490-104815-7	CL-07	Wipe	06/01/16 10:00	06/02/16 09:30
490-104815-8	CL-08	Wipe	06/01/16 10:05	06/02/16 09:30
490-104815-9	CL-09	Wipe	06/01/16 10:10	06/02/16 09:30
490-104815-10	CL-10	Wipe	06/01/16 10:15	06/02/16 09:30
490-104815-11	CL-11	Wipe	06/01/16 10:20	06/02/16 09:30
490-104815-12	CL-12	Wipe	06/01/16 10:25	06/02/16 09:30
490-104815-13	CL-13	Wipe	06/01/16 10:30	06/02/16 09:30
490-104815-14	CL-14	Wipe	06/01/16 10:35	06/02/16 09:30
490-104815-15	CL-15	Wipe	06/01/16 10:40	06/02/16 09:30
490-104815-16	CL-16	Wipe	06/01/16 11:00	06/02/16 09:30
490-104815-17	CL-17	Wipe	06/01/16 11:05	06/02/16 09:30
490-104815-18	CL-18	Wipe	06/01/16 11:10	06/02/16 09:30
490-104815-19	CL-19	Wipe	06/01/16 11:15	06/02/16 09:30
490-104815-20	CL-20	Wipe	06/01/16 11:20	06/02/16 09:30
490-104815-21	CL-21	Wipe	06/01/16 11:25	06/02/16 09:30
490-104815-22	CL-22	Wipe	06/01/16 11:30	06/02/16 09:30
490-104815-23	CL-23	Wipe	06/01/16 11:35	06/02/16 09:30
490-104815-24	CL-24	Wipe	06/01/16 11:40	06/02/16 09:30
490-104815-25	CL-25	Wipe	06/01/16 11:45	06/02/16 09:30
490-104815-26	CL-26	Wipe	06/01/16 11:50	06/02/16 09:30
490-104815-27	CL-27	Wipe	06/01/16 11:55	06/02/16 09:30
490-104815-28	CL-28	Wipe	06/01/16 12:00	06/02/16 09:30
490-104815-29	CL-29	Wipe	06/01/16 12:05	06/02/16 09:30
490-104815-30	CL-30	Wipe	06/01/16 12:10	06/02/16 09:30
490-104815-31	CL-31	Wipe	06/01/16 13:00	06/02/16 09:30
490-104815-32	CL-32	Wipe	06/01/16 13:05	06/02/16 09:30
490-104815-33	CL-33	Wipe	06/01/16 13:10	06/02/16 09:30
490-104815-34	CL-34	Wipe	06/01/16 13:15	06/02/16 09:30
490-104815-35	CL-35	Wipe	06/01/16 13:20	06/02/16 09:30
490-104815-36	CL-36	Wipe	06/01/16 13:25	06/02/16 09:30
490-104815-37	CL-37	Wipe	06/01/16 13:30	06/02/16 09:30
490-104815-38	CL-38	Wipe	06/01/16 13:35	06/02/16 09:30
490-104815-39	CL-39	Wipe	06/01/16 13:40	06/02/16 09:30
490-104815-40	CL-40	Wipe	06/01/16 13:45	06/02/16 09:30
490-104815-41	CL-41	Wipe	06/01/16 13:50	06/02/16 09:30
490-104815-42	CL-42	Wipe	06/01/16 13:55	06/02/16 09:30
490-104815-43	CL-43	Wipe	06/01/16 14:00	06/02/16 09:30
490-104815-44	CL-44	Wipe	06/01/16 14:05	06/02/16 09:30
490-104815-45	CL-45	Wipe	06/01/16 14:10	06/02/16 09:30



## Case Narrative

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
SDG: 4213-15-242 Phase I

**Job ID: 490-104815-1**

Laboratory: TestAmerica Nashville

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### Narrative

#### Job Narrative 490-104815-1

### Comments

No additional comments.

### Receipt

The samples were received on 6/2/2016 9:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 5.8° C.

### GC Semi VOA

Method(s) 8082A: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 490-345850 and analytical batch 490-347948.

Method(s) 8082A: Surrogate recovery for the following sample was outside control limits: CL-14 (490-104815-14). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 8082A: The %RPD between the primary and confirmation column exceeded 40% for DCB Decachlorobiphenyl (Surr) and Tetrachloro-m-xylene for the following samples: CL-17 (490-104815-17), CL-18 (490-104815-18), CL-19 (490-104815-19) and CL-20 (490-104815-20). The lower value(s) has been reported and qualified in accordance with the laboratory's SOP.

Method(s) 8082A: The following samples was diluted due to the nature of the sample matrix: CL-06 (490-104815-6) and CL-14 (490-104815-14). Elevated reporting limits (RLs) are provided.

Method(s) 8082A: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 490-345950 and analytical batch 490-347948.

Method(s) 8082A: The %RPD between the primary and confirmation column exceeded 40% for DCB Decachlorobiphenyl (Surr) and Tetrachloro-m-xylene for the following samples: CL-24 (490-104815-24) and CL-33 (490-104815-33). The lower value(s) has been reported and qualified in accordance with the laboratory's SOP.

Method(s) 8082A: The %RPD between the primary and confirmation column exceeded 40% for DCB Decachlorobiphenyl (Surr) for the following samples: CL-20 (490-104815-20). The lower value(s) has been reported and qualified in accordance with the laboratory's SOP.

Method(s) 8082A: The following samples was diluted due to the nature of the sample matrix: CL-18 (490-104815-18), CL-19 (490-104815-19), CL-20 (490-104815-20), CL-21 (490-104815-21), CL-23 (490-104815-23), CL-25 (490-104815-25), CL-28 (490-104815-28), CL-37 (490-104815-37), CL-38 (490-104815-38), CL-39 (490-104815-39) and CL-40 (490-104815-40). Elevated reporting limits (RLs) are provided.

Method(s) 8082A: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with 490-346010.

Method(s) 8082A: The following samples was diluted due to the nature of the sample matrix: CL-41 (490-104815-41), CL-42 (490-104815-42), CL-43 (490-104815-43), CL-44 (490-104815-44) and CL-45 (490-104815-45). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

### Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

# Definitions/Glossary

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
SDG: 4213-15-242 Phase I

## Qualifiers

### GC Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-01**  
 Date Collected: 06/01/16 09:30  
 Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-1**  
 Matrix: Wipe

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 21:06	5
PCB-1221	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 21:06	5
PCB-1232	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 21:06	5
PCB-1242	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 21:06	5
PCB-1248	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 21:06	5
<b>PCB-1254</b>	<b>0.0120</b>		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 21:06	5
PCB-1260	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 21:06	5
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	112		20 - 150				06/07/16 11:23	06/15/16 21:06	5
Tetrachloro-m-xylene	106		19 - 147				06/07/16 11:23	06/15/16 21:06	5

## Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
SDG: 4213-15-242 Phase I

**Client Sample ID: CL-02**  
Date Collected: 06/01/16 09:35  
Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-2**  
Matrix: Wipe

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 21:20	5
PCB-1221	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 21:20	5
PCB-1232	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 21:20	5
PCB-1242	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 21:20	5
PCB-1248	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 21:20	5
<b>PCB-1254</b>	<b>0.0160</b>		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 21:20	5
PCB-1260	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 21:20	5
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	92		20 - 150				06/07/16 11:23	06/15/16 21:20	5
Tetrachloro-m-xylene	89		19 - 147				06/07/16 11:23	06/15/16 21:20	5

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-03**  
 Date Collected: 06/01/16 09:40  
 Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-3**  
 Matrix: Wipe

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 21:34	5
PCB-1221	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 21:34	5
PCB-1232	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 21:34	5
PCB-1242	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 21:34	5
PCB-1248	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 21:34	5
<b>PCB-1254</b>	<b>0.0160</b>		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 21:34	5
PCB-1260	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 21:34	5
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	102		20 - 150				06/07/16 11:23	06/15/16 21:34	5
Tetrachloro-m-xylene	92		19 - 147				06/07/16 11:23	06/15/16 21:34	5

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-04**  
 Date Collected: 06/01/16 09:45  
 Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-4**  
 Matrix: Wipe

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 21:49	5
PCB-1221	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 21:49	5
PCB-1232	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 21:49	5
PCB-1242	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 21:49	5
PCB-1248	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 21:49	5
<b>PCB-1254</b>	<b>0.00817</b>	<b>p</b>	0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 21:49	5
PCB-1260	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 21:49	5
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
<i>DCB Decachlorobiphenyl (Surr)</i>	108		20 - 150				06/07/16 11:23	06/15/16 21:49	5
<i>Tetrachloro-m-xylene</i>	109		19 - 147				06/07/16 11:23	06/15/16 21:49	5

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-05**  
 Date Collected: 06/01/16 09:50  
 Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-5**  
 Matrix: Wipe

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 22:03	5
PCB-1221	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 22:03	5
PCB-1232	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 22:03	5
PCB-1242	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 22:03	5
PCB-1248	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 22:03	5
<b>PCB-1254</b>	<b>0.00727</b>		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 22:03	5
PCB-1260	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 22:03	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	125		20 - 150	06/07/16 11:23	06/15/16 22:03	5
Tetrachloro-m-xylene	108		19 - 147	06/07/16 11:23	06/15/16 22:03	5

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-06**

Date Collected: 06/01/16 09:55

Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-6**

Matrix: Wipe

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 22:17	5
PCB-1221	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 22:17	5
PCB-1232	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 22:17	5
PCB-1242	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 22:17	5
PCB-1248	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 22:17	5
PCB-1254	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 22:17	5
PCB-1260	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 22:17	5
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	139		20 - 150				06/07/16 11:23	06/15/16 22:17	5
Tetrachloro-m-xylene	107		19 - 147				06/07/16 11:23	06/15/16 22:17	5



# Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-07**  
 Date Collected: 06/01/16 10:00  
 Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-7**  
 Matrix: Wipe

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 22:32	5
PCB-1221	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 22:32	5
PCB-1232	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 22:32	5
PCB-1242	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 22:32	5
PCB-1248	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 22:32	5
<b>PCB-1254</b>	<b>0.0161</b>		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 22:32	5
PCB-1260	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 22:32	5
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	128		20 - 150				06/07/16 11:23	06/15/16 22:32	5
Tetrachloro-m-xylene	99		19 - 147				06/07/16 11:23	06/15/16 22:32	5

# Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
SDG: 4213-15-242 Phase I

**Client Sample ID: CL-08**  
Date Collected: 06/01/16 10:05  
Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-8**  
Matrix: Wipe

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 22:47	5
PCB-1221	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 22:47	5
PCB-1232	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 22:47	5
PCB-1242	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 22:47	5
PCB-1248	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 22:47	5
<b>PCB-1254</b>	<b>0.00930</b>		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 22:47	5
PCB-1260	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 22:47	5
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	123		20 - 150				06/07/16 11:23	06/15/16 22:47	5
Tetrachloro-m-xylene	107		19 - 147				06/07/16 11:23	06/15/16 22:47	5

## Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
SDG: 4213-15-242 Phase I

**Client Sample ID: CL-09**  
Date Collected: 06/01/16 10:10  
Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-9**  
Matrix: Wipe

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 23:01	5
PCB-1221	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 23:01	5
PCB-1232	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 23:01	5
PCB-1242	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 23:01	5
PCB-1248	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 23:01	5
<b>PCB-1254</b>	<b>0.0103</b>		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 23:01	5
PCB-1260	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 23:01	5
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	110		20 - 150				06/07/16 11:23	06/15/16 23:01	5
Tetrachloro-m-xylene	90		19 - 147				06/07/16 11:23	06/15/16 23:01	5

## Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
SDG: 4213-15-242 Phase I

**Client Sample ID: CL-10**  
Date Collected: 06/01/16 10:15  
Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-10**  
Matrix: Wipe

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 23:15	5
PCB-1221	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 23:15	5
PCB-1232	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 23:15	5
PCB-1242	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 23:15	5
PCB-1248	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 23:15	5
<b>PCB-1254</b>	<b>0.0131</b>		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 23:15	5
PCB-1260	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 23:15	5
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	132		20 - 150				06/07/16 11:23	06/15/16 23:15	5
Tetrachloro-m-xylene	102		19 - 147				06/07/16 11:23	06/15/16 23:15	5

# Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-11**  
 Date Collected: 06/01/16 10:20  
 Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-11**  
 Matrix: Wipe

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 23:30	5
PCB-1221	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 23:30	5
PCB-1232	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 23:30	5
PCB-1242	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 23:30	5
PCB-1248	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 23:30	5
<b>PCB-1254</b>	<b>0.0132</b>		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 23:30	5
PCB-1260	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 23:30	5
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Sum)	136		20 - 150				06/07/16 11:23	06/15/16 23:30	5
Tetrachloro-m-xylene	107		19 - 147				06/07/16 11:23	06/15/16 23:30	5

# Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
SDG: 4213-15-242 Phase I

**Client Sample ID: CL-12**  
Date Collected: 06/01/16 10:25  
Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-12**  
Matrix: Wipe

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 23:45	5
PCB-1221	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 23:45	5
PCB-1232	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 23:45	5
PCB-1242	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 23:45	5
PCB-1248	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 23:45	5
<b>PCB-1254</b>	<b>0.0104</b>		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 23:45	5
PCB-1260	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 23:45	5
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	141		20 - 150				06/07/16 11:23	06/15/16 23:45	5
Tetrachloro-m-xylene	109		19 - 147				06/07/16 11:23	06/15/16 23:45	5

# Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-13**  
 Date Collected: 06/01/16 10:30  
 Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-13**  
 Matrix: Wipe

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 23:59	5
PCB-1221	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 23:59	5
PCB-1232	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 23:59	5
PCB-1242	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 23:59	5
PCB-1248	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 23:59	5
<b>PCB-1254</b>	<b>0.0113</b>		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 23:59	5
PCB-1260	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/15/16 23:59	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	124		20 - 150				06/07/16 11:23	06/15/16 23:59	5
Tetrachloro-m-xylene	110		19 - 147				06/07/16 11:23	06/15/16 23:59	5

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## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-14**  
 Date Collected: 06/01/16 10:35  
 Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-14**  
 Matrix: Wipe

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/16/16 00:13	5
PCB-1221	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/16/16 00:13	5
PCB-1232	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/16/16 00:13	5
PCB-1242	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/16/16 00:13	5
PCB-1248	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/16/16 00:13	5
PCB-1254	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/16/16 00:13	5
PCB-1260	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/16/16 00:13	5
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	155	X	20 - 150				06/07/16 11:23	06/16/16 00:13	5
Tetrachloro-m-xylene	120		19 - 147				06/07/16 11:23	06/16/16 00:13	5



## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-15**  
 Date Collected: 06/01/16 10:40  
 Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-15**  
 Matrix: Wipe

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/16/16 00:27	5
PCB-1221	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/16/16 00:27	5
PCB-1232	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/16/16 00:27	5
PCB-1242	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/16/16 00:27	5
PCB-1248	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/16/16 00:27	5
<b>PCB-1254</b>	<b>0.00513</b>		0.00250	0.00250	mg/sample		06/07/16 11:23	06/16/16 00:27	5
PCB-1260	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/16/16 00:27	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	128		20 - 150	06/07/16 11:23	06/16/16 00:27	5
Tetrachloro-m-xylene	104		19 - 147	06/07/16 11:23	06/16/16 00:27	5

# Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-16**  
 Date Collected: 06/01/16 11:00  
 Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-16**  
 Matrix: Wipe

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/16/16 00:42	5
PCB-1221	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/16/16 00:42	5
PCB-1232	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/16/16 00:42	5
PCB-1242	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/16/16 00:42	5
PCB-1248	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/16/16 00:42	5
<b>PCB-1254</b>	<b>0.0441</b>		0.00250	0.00250	mg/sample		06/07/16 11:23	06/16/16 00:42	5
PCB-1260	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/16/16 00:42	5
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	109		20 - 150				06/07/16 11:23	06/16/16 00:42	5
Tetrachloro-m-xylene	77		19 - 147				06/07/16 11:23	06/16/16 00:42	5

# Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-17**  
 Date Collected: 06/01/16 11:05  
 Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-17**  
 Matrix: Wipe

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/16/16 00:56	5
PCB-1221	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/16/16 00:56	5
PCB-1232	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/16/16 00:56	5
PCB-1242	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/16/16 00:56	5
PCB-1248	0.0720		0.00250	0.00250	mg/sample		06/07/16 11:23	06/16/16 00:56	5
PCB-1254	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/16/16 00:56	5
PCB-1260	<0.00250		0.00250	0.00250	mg/sample		06/07/16 11:23	06/16/16 00:56	5
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	123		20 - 150				06/07/16 11:23	06/16/16 00:56	5
Tetrachloro-m-xylene	81		19 - 147				06/07/16 11:23	06/16/16 00:56	5

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-18**  
 Date Collected: 06/01/16 11:10  
 Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-18**  
 Matrix: Wipe

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0125		0.0125	0.0125	mg/sample		06/07/16 11:23	06/16/16 11:11	25
PCB-1221	<0.0125		0.0125	0.0125	mg/sample		06/07/16 11:23	06/16/16 11:11	25
PCB-1232	<0.0125		0.0125	0.0125	mg/sample		06/07/16 11:23	06/16/16 11:11	25
PCB-1242	<0.0125		0.0125	0.0125	mg/sample		06/07/16 11:23	06/16/16 11:11	25
PCB-1248	<0.0125		0.0125	0.0125	mg/sample		06/07/16 11:23	06/16/16 11:11	25
<b>PCB-1254</b>	<b>0.106</b>		0.0125	0.0125	mg/sample		06/07/16 11:23	06/16/16 11:11	25
PCB-1260	<0.0125		0.0125	0.0125	mg/sample		06/07/16 11:23	06/16/16 11:11	25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	42		20 - 150	06/07/16 11:23	06/16/16 11:11	25
Tetrachloro-m-xylene	71		19 - 147	06/07/16 11:23	06/16/16 11:11	25

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## Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
SDG: 4213-15-242 Phase I

**Client Sample ID: CL-19**  
Date Collected: 06/01/16 11:15  
Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-19**  
Matrix: Wipe

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0125		0.0125	0.0125	mg/sample		06/07/16 11:23	06/16/16 11:26	25
PCB-1221	<0.0125		0.0125	0.0125	mg/sample		06/07/16 11:23	06/16/16 11:26	25
PCB-1232	<0.0125		0.0125	0.0125	mg/sample		06/07/16 11:23	06/16/16 11:26	25
PCB-1242	<0.0125		0.0125	0.0125	mg/sample		06/07/16 11:23	06/16/16 11:26	25
PCB-1248	<0.0125		0.0125	0.0125	mg/sample		06/07/16 11:23	06/16/16 11:26	25
<b>PCB-1254</b>	<b>0.118</b>		0.0125	0.0125	mg/sample		06/07/16 11:23	06/16/16 11:26	25
PCB-1260	<0.0125		0.0125	0.0125	mg/sample		06/07/16 11:23	06/16/16 11:26	25
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Sur)	36		20 - 150				06/07/16 11:23	06/16/16 11:26	25
Tetrachloro-m-xylene	52		19 - 147				06/07/16 11:23	06/16/16 11:26	25

# Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-20**

Date Collected: 06/01/16 11:20  
 Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-20**

Matrix: Wipe

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0125		0.0125	0.0125	mg/sample		06/07/16 11:23	06/16/16 11:41	25
PCB-1221	<0.0125		0.0125	0.0125	mg/sample		06/07/16 11:23	06/16/16 11:41	25
PCB-1232	<0.0125		0.0125	0.0125	mg/sample		06/07/16 11:23	06/16/16 11:41	25
PCB-1242	<0.0125		0.0125	0.0125	mg/sample		06/07/16 11:23	06/16/16 11:41	25
PCB-1248	<0.0125		0.0125	0.0125	mg/sample		06/07/16 11:23	06/16/16 11:41	25
<b>PCB-1254</b>	<b>0.0631</b>		0.0125	0.0125	mg/sample		06/07/16 11:23	06/16/16 11:41	25
PCB-1260	<0.0125		0.0125	0.0125	mg/sample		06/07/16 11:23	06/16/16 11:41	25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	56	p	20 - 150	06/07/16 11:23	06/16/16 11:41	25
Tetrachloro-m-xylene	52		19 - 147	06/07/16 11:23	06/16/16 11:41	25

# Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
SDG: 4213-15-242 Phase I

**Client Sample ID: CL-21**

Date Collected: 06/01/16 11:25  
Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-21**  
Matrix: Wipe

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0125		0.0125	0.0125	mg/sample		06/07/16 15:02	06/16/16 11:56	25
PCB-1221	<0.0125		0.0125	0.0125	mg/sample		06/07/16 15:02	06/16/16 11:56	25
PCB-1232	<0.0125		0.0125	0.0125	mg/sample		06/07/16 15:02	06/16/16 11:56	25
PCB-1242	<0.0125		0.0125	0.0125	mg/sample		06/07/16 15:02	06/16/16 11:56	25
PCB-1248	<0.0125		0.0125	0.0125	mg/sample		06/07/16 15:02	06/16/16 11:56	25
PCB-1254	0.0524		0.0125	0.0125	mg/sample		06/07/16 15:02	06/16/16 11:56	25
PCB-1260	<0.0125		0.0125	0.0125	mg/sample		06/07/16 15:02	06/16/16 11:56	25
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	37		20 - 150				06/07/16 15:02	06/16/16 11:56	25
Tetrachloro-m-xylene	48		19 - 147				06/07/16 15:02	06/16/16 11:56	25

# Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-22**  
 Date Collected: 06/01/16 11:30  
 Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-22**  
 Matrix: Wipe

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 02:36	5
PCB-1221	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 02:36	5
PCB-1232	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 02:36	5
PCB-1242	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 02:36	5
PCB-1248	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 02:36	5
<b>PCB-1254</b>	<b>0.0457</b>		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 02:36	5
PCB-1260	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 02:36	5
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	86		20 - 150				06/07/16 15:02	06/16/16 02:36	5
Tetrachloro-m-xylene	83		19 - 147				06/07/16 15:02	06/16/16 02:36	5



# Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-23**  
 Date Collected: 06/01/16 11:35  
 Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-23**  
 Matrix: Wipe

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0125		0.0125	0.0125	mg/sample		06/07/16 15:02	06/16/16 12:11	25
PCB-1221	<0.0125		0.0125	0.0125	mg/sample		06/07/16 15:02	06/16/16 12:11	25
PCB-1232	<0.0125		0.0125	0.0125	mg/sample		06/07/16 15:02	06/16/16 12:11	25
PCB-1242	<0.0125		0.0125	0.0125	mg/sample		06/07/16 15:02	06/16/16 12:11	25
PCB-1248	<0.0125		0.0125	0.0125	mg/sample		06/07/16 15:02	06/16/16 12:11	25
<b>PCB-1254</b>	<b>0.124</b>		0.0125	0.0125	mg/sample		06/07/16 15:02	06/16/16 12:11	25
PCB-1260	<0.0125		0.0125	0.0125	mg/sample		06/07/16 15:02	06/16/16 12:11	25
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	43		20 - 150				06/07/16 15:02	06/16/16 12:11	25
Tetrachloro-m-xylene	73		19 - 147				06/07/16 15:02	06/16/16 12:11	25

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6

# Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
SDG: 4213-15-242 Phase I

**Client Sample ID: CL-24**

Date Collected: 06/01/16 11:40

Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-24**

Matrix: Wipe

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 03:04	5
PCB-1221	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 03:04	5
PCB-1232	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 03:04	5
PCB-1242	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 03:04	5
PCB-1248	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 03:04	5
<b>PCB-1254</b>	<b>0.0190</b>	<b>p</b>	0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 03:04	5
PCB-1260	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 03:04	5
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	69	p	20 - 150				06/07/16 15:02	06/16/16 03:04	5
Tetrachloro-m-xylene	56	p	19 - 147				06/07/16 15:02	06/16/16 03:04	5

# Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-25**  
 Date Collected: 06/01/16 11:45  
 Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-25**  
 Matrix: Wipe

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0125		0.0125	0.0125	mg/sample		06/07/16 15:02	06/16/16 12:27	25
PCB-1221	<0.0125		0.0125	0.0125	mg/sample		06/07/16 15:02	06/16/16 12:27	25
PCB-1232	<0.0125		0.0125	0.0125	mg/sample		06/07/16 15:02	06/16/16 12:27	25
PCB-1242	<0.0125		0.0125	0.0125	mg/sample		06/07/16 15:02	06/16/16 12:27	25
PCB-1248	<0.0125		0.0125	0.0125	mg/sample		06/07/16 15:02	06/16/16 12:27	25
<b>PCB-1254</b>	<b>0.105</b>		0.0125	0.0125	mg/sample		06/07/16 15:02	06/16/16 12:27	25
PCB-1260	<0.0125		0.0125	0.0125	mg/sample		06/07/16 15:02	06/16/16 12:27	25
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	38		20 - 150				06/07/16 15:02	06/16/16 12:27	25
Tetrachloro-m-xylene	53		19 - 147				06/07/16 15:02	06/16/16 12:27	25

5  
6

# Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
SDG: 4213-15-242 Phase I

**Client Sample ID: CL-26**  
Date Collected: 06/01/16 11:50  
Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-26**  
Matrix: Wipe

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 03:32	5
PCB-1221	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 03:32	5
PCB-1232	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 03:32	5
PCB-1242	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 03:32	5
PCB-1248	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 03:32	5
<b>PCB-1254</b>	<b>0.0480</b>		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 03:32	5
PCB-1260	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 03:32	5
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	95		20 - 150				06/07/16 15:02	06/16/16 03:32	5
Tetrachloro-m-xylene	89		19 - 147				06/07/16 15:02	06/16/16 03:32	5

# Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-27**  
 Date Collected: 06/01/16 11:55  
 Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-27**  
 Matrix: Wipe

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 03:46	5
PCB-1221	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 03:46	5
PCB-1232	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 03:46	5
PCB-1242	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 03:46	5
PCB-1248	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 03:46	5
<b>PCB-1254</b>	<b>0.0124</b>		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 03:46	5
PCB-1260	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 03:46	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	85		20 - 150	06/07/16 15:02	06/16/16 03:46	5
Tetrachloro-m-xylene	87		19 - 147	06/07/16 15:02	06/16/16 03:46	5

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-28**

Date Collected: 06/01/16 12:00  
 Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-28**  
 Matrix: Wipe

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0125		0.0125	0.0125	mg/sample		06/07/16 15:02	06/16/16 12:42	25
PCB-1221	<0.0125		0.0125	0.0125	mg/sample		06/07/16 15:02	06/16/16 12:42	25
PCB-1232	<0.0125		0.0125	0.0125	mg/sample		06/07/16 15:02	06/16/16 12:42	25
PCB-1242	<0.0125		0.0125	0.0125	mg/sample		06/07/16 15:02	06/16/16 12:42	25
PCB-1248	<0.0125		0.0125	0.0125	mg/sample		06/07/16 15:02	06/16/16 12:42	25
<b>PCB-1254</b>	<b>0.0829</b>		0.0125	0.0125	mg/sample		06/07/16 15:02	06/16/16 12:42	25
PCB-1260	<0.0125		0.0125	0.0125	mg/sample		06/07/16 15:02	06/16/16 12:42	25
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	56		20 - 150				06/07/16 15:02	06/16/16 12:42	25
Tetrachloro-m-xylene	78		19 - 147				06/07/16 15:02	06/16/16 12:42	25

# Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
SDG: 4213-15-242 Phase I

**Client Sample ID: CL-29**

Date Collected: 06/01/16 12:05

Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-29**

Matrix: Wipe

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 04:15	5
PCB-1221	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 04:15	5
PCB-1232	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 04:15	5
PCB-1242	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 04:15	5
PCB-1248	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 04:15	5
<b>PCB-1254</b>	<b>0.0262</b>		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 04:15	5
PCB-1260	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 04:15	5
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
<i>DCB Decachlorobiphenyl (Surr)</i>	109		20 - 150				06/07/16 15:02	06/16/16 04:15	5
<i>Tetrachloro-m-xylene</i>	92		19 - 147				06/07/16 15:02	06/16/16 04:15	5

# Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-30**  
 Date Collected: 06/01/16 12:10  
 Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-30**  
 Matrix: Wipe

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 04:29	5
PCB-1221	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 04:29	5
PCB-1232	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 04:29	5
PCB-1242	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 04:29	5
PCB-1248	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 04:29	5
<b>PCB-1254</b>	<b>0.0659</b>		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 04:29	5
PCB-1260	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 04:29	5
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	94		20 - 150				06/07/16 15:02	06/16/16 04:29	5
Tetrachloro-m-xylene	93		19 - 147				06/07/16 15:02	06/16/16 04:29	5



# Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-31**

Date Collected: 06/01/16 13:00  
 Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-31**  
 Matrix: Wipe

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 04:44	5
PCB-1221	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 04:44	5
PCB-1232	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 04:44	5
PCB-1242	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 04:44	5
PCB-1248	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 04:44	5
<b>PCB-1254</b>	<b>0.0153</b>		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 04:44	5
PCB-1260	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 04:44	5
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	85		20 - 150				06/07/16 15:02	06/16/16 04:44	5
Tetrachloro-m-xylene	138		19 - 147				06/07/16 15:02	06/16/16 04:44	5

# Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-32**  
 Date Collected: 06/01/16 13:05  
 Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-32**  
 Matrix: Wipe

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 04:59	5
PCB-1221	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 04:59	5
PCB-1232	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 04:59	5
PCB-1242	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 04:59	5
PCB-1248	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 04:59	5
<b>PCB-1254</b>	<b>0.0110</b>		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 04:59	5
PCB-1260	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 04:59	5
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	105		20 - 150				06/07/16 15:02	06/16/16 04:59	5
Tetrachloro-m-xylene	95		19 - 147				06/07/16 15:02	06/16/16 04:59	5

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## Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
SDG: 4213-15-242 Phase I

**Client Sample ID: CL-33**  
Date Collected: 06/01/16 13:10  
Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-33**  
Matrix: Wipe

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 05:13	5
PCB-1221	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 05:13	5
PCB-1232	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 05:13	5
PCB-1242	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 05:13	5
PCB-1248	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 05:13	5
<b>PCB-1254</b>	<b>0.00717</b>	<b>p</b>	0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 05:13	5
PCB-1260	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 05:13	5
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	59	p	20 - 150				06/07/16 15:02	06/16/16 05:13	5
Tetrachloro-m-xylene	65	p	19 - 147				06/07/16 15:02	06/16/16 05:13	5

## Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
SDG: 4213-15-242 Phase I

**Client Sample ID: CL-34**

Date Collected: 06/01/16 13:15  
Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-34**  
Matrix: Wipe

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 05:27	5
PCB-1221	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 05:27	5
PCB-1232	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 05:27	5
PCB-1242	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 05:27	5
PCB-1248	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 05:27	5
<b>PCB-1254</b>	<b>0.0222</b>	<b>p</b>	0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 05:27	5
PCB-1260	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 05:27	5
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	105		20 - 150				06/07/16 15:02	06/16/16 05:27	5
Tetrachloro-m-xylene	109		19 - 147				06/07/16 15:02	06/16/16 05:27	5

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6

# Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-35**  
 Date Collected: 06/01/16 13:20  
 Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-35**  
 Matrix: Wipe

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 05:41	5
PCB-1221	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 05:41	5
PCB-1232	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 05:41	5
PCB-1242	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 05:41	5
PCB-1248	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 05:41	5
<b>PCB-1254</b>	<b>0.0514</b>		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 05:41	5
PCB-1260	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 05:41	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	89		20 - 150	06/07/16 15:02	06/16/16 05:41	5
Tetrachloro-m-xylene	84		19 - 147	06/07/16 15:02	06/16/16 05:41	5

6

# Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
SDG: 4213-15-242 Phase I

**Client Sample ID: CL-36**  
Date Collected: 06/01/16 13:25  
Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-36**  
Matrix: Wipe

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 05:56	5
PCB-1221	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 05:56	5
PCB-1232	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 05:56	5
PCB-1242	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 05:56	5
PCB-1248	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 05:56	5
PCB-1254	0.0610		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 05:56	5
PCB-1260	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 05:56	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	85		20 - 150				06/07/16 15:02	06/16/16 05:56	5
Tetrachloro-m-xylene	90		19 - 147				06/07/16 15:02	06/16/16 05:56	5

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-37**  
**Date Collected: 06/01/16 13:30**  
**Date Received: 06/02/16 09:30**

**Lab Sample ID: 490-104815-37**  
**Matrix: Wipe**

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 10:10	5
PCB-1221	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 10:10	5
PCB-1232	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 10:10	5
PCB-1242	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 10:10	5
PCB-1248	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 10:10	5
<b>PCB-1254</b>	<b>0.00845</b>		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 10:10	5
PCB-1260	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 10:10	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	37		20 - 150	06/07/16 15:02	06/16/16 10:10	5
Tetrachloro-m-xylene	58		19 - 147	06/07/16 15:02	06/16/16 10:10	5

6

# Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-38**

Date Collected: 06/01/16 13:35  
 Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-38**

Matrix: Wipe

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 10:25	5
PCB-1221	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 10:25	5
PCB-1232	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 10:25	5
PCB-1242	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 10:25	5
PCB-1248	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 10:25	5
PCB-1254	0.0211		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 10:25	5
PCB-1260	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 10:25	5
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	67		20 - 150				06/07/16 15:02	06/16/16 10:25	5
Tetrachloro-m-xylene	130		19 - 147				06/07/16 15:02	06/16/16 10:25	5



# Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-39**  
 Date Collected: 06/01/16 13:40  
 Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-39**  
 Matrix: Wipe

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 10:40	5
PCB-1221	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 10:40	5
PCB-1232	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 10:40	5
PCB-1242	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 10:40	5
PCB-1248	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 10:40	5
<b>PCB-1254</b>	<b>0.0522</b>		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 10:40	5
PCB-1260	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 10:40	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	65		20 - 150				06/07/16 15:02	06/16/16 10:40	5
Tetrachloro-m-xylene	92		19 - 147				06/07/16 15:02	06/16/16 10:40	5

# Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-40**

Date Collected: 06/01/16 13:45  
 Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-40**  
 Matrix: Wipe

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 10:55	5
PCB-1221	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 10:55	5
PCB-1232	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 10:55	5
PCB-1242	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 10:55	5
PCB-1248	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 10:55	5
PCB-1254	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 10:55	5
PCB-1260	<0.00250		0.00250	0.00250	mg/sample		06/07/16 15:02	06/16/16 10:55	5
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	72		20 - 150				06/07/16 15:02	06/16/16 10:55	5
Tetrachloro-m-xylene	87		19 - 147				06/07/16 15:02	06/16/16 10:55	5

# Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-41**

Date Collected: 06/01/16 13:50  
 Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-41**  
 Matrix: Wipe

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<2.50		2.50	2.50	mg/sample		06/07/16 17:53	06/17/16 20:58	5
PCB-1221	<2.50		2.50	2.50	mg/sample		06/07/16 17:53	06/17/16 20:58	5
PCB-1232	<2.50		2.50	2.50	mg/sample		06/07/16 17:53	06/17/16 20:58	5
PCB-1242	<2.50		2.50	2.50	mg/sample		06/07/16 17:53	06/17/16 20:58	5
PCB-1248	<2.50		2.50	2.50	mg/sample		06/07/16 17:53	06/17/16 20:58	5
<b>PCB-1254</b>	<b>11.1</b>		2.50	2.50	mg/sample		06/07/16 17:53	06/17/16 20:58	5
PCB-1260	<2.50		2.50	2.50	mg/sample		06/07/16 17:53	06/17/16 20:58	5
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	106		20 - 150				06/07/16 17:53	06/17/16 20:58	5
Tetrachloro-m-xylene	129		19 - 147				06/07/16 17:53	06/17/16 20:58	5

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-42**

Date Collected: 06/01/16 13:55

Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-42**

Matrix: Wipe

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<2.50		2.50	2.50	mg/sample		06/07/16 17:53	06/17/16 21:13	5
PCB-1221	<2.50		2.50	2.50	mg/sample		06/07/16 17:53	06/17/16 21:13	5
PCB-1232	<2.50		2.50	2.50	mg/sample		06/07/16 17:53	06/17/16 21:13	5
PCB-1242	<2.50		2.50	2.50	mg/sample		06/07/16 17:53	06/17/16 21:13	5
<b>PCB-1248</b>	<b>27.2</b>		2.50	2.50	mg/sample		06/07/16 17:53	06/17/16 21:13	5
PCB-1254	<2.50		2.50	2.50	mg/sample		06/07/16 17:53	06/17/16 21:13	5
PCB-1260	<2.50		2.50	2.50	mg/sample		06/07/16 17:53	06/17/16 21:13	5
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	76		20 - 150				06/07/16 17:53	06/17/16 21:13	5
Tetrachloro-m-xylene	78		19 - 147				06/07/16 17:53	06/17/16 21:13	5

## Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
SDG: 4213-15-242 Phase I

**Client Sample ID: CL-43**

Date Collected: 06/01/16 14:00  
Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-43**  
Matrix: Wipe

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00250		0.00250	0.00250	mg/sample		06/07/16 17:30	06/17/16 20:16	5
PCB-1221	<0.00250		0.00250	0.00250	mg/sample		06/07/16 17:30	06/17/16 20:16	5
PCB-1232	<0.00250		0.00250	0.00250	mg/sample		06/07/16 17:30	06/17/16 20:16	5
PCB-1242	<0.00250		0.00250	0.00250	mg/sample		06/07/16 17:30	06/17/16 20:16	5
<b>PCB-1248</b>	<b>0.00992</b>	<b>p</b>	0.00250	0.00250	mg/sample		06/07/16 17:30	06/17/16 20:16	5
PCB-1254	<0.00250		0.00250	0.00250	mg/sample		06/07/16 17:30	06/17/16 20:16	5
PCB-1260	<0.00250		0.00250	0.00250	mg/sample		06/07/16 17:30	06/17/16 20:16	5
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Sur)	83		20 - 150				06/07/16 17:30	06/17/16 20:16	5
Tetrachloro-m-xylene	92		19 - 147				06/07/16 17:30	06/17/16 20:16	5

# Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-44**

Date Collected: 06/01/16 14:05

Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-44**

Matrix: Wipe

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00250		0.00250	0.00250	mg/sample		06/07/16 17:30	06/17/16 20:30	5
PCB-1221	<0.00250		0.00250	0.00250	mg/sample		06/07/16 17:30	06/17/16 20:30	5
PCB-1232	<0.00250		0.00250	0.00250	mg/sample		06/07/16 17:30	06/17/16 20:30	5
PCB-1242	<0.00250		0.00250	0.00250	mg/sample		06/07/16 17:30	06/17/16 20:30	5
<b>PCB-1248</b>	<b>0.0202</b>		0.00250	0.00250	mg/sample		06/07/16 17:30	06/17/16 20:30	5
PCB-1254	<0.00250		0.00250	0.00250	mg/sample		06/07/16 17:30	06/17/16 20:30	5
PCB-1260	<0.00250		0.00250	0.00250	mg/sample		06/07/16 17:30	06/17/16 20:30	5
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	82		20 - 150				06/07/16 17:30	06/17/16 20:30	5
Tetrachloro-m-xylene	89		19 - 147				06/07/16 17:30	06/17/16 20:30	5

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## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-45**  
 Date Collected: 06/01/16 14:10  
 Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-45**  
 Matrix: Wipe

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00250		0.00250	0.00250	mg/sample		06/07/16 17:30	06/17/16 20:44	5
PCB-1221	<0.00250		0.00250	0.00250	mg/sample		06/07/16 17:30	06/17/16 20:44	5
PCB-1232	<0.00250		0.00250	0.00250	mg/sample		06/07/16 17:30	06/17/16 20:44	5
PCB-1242	<0.00250		0.00250	0.00250	mg/sample		06/07/16 17:30	06/17/16 20:44	5
<b>PCB-1248</b>	<b>0.0424</b>		0.00250	0.00250	mg/sample		06/07/16 17:30	06/17/16 20:44	5
PCB-1254	<0.00250		0.00250	0.00250	mg/sample		06/07/16 17:30	06/17/16 20:44	5
PCB-1260	<0.00250		0.00250	0.00250	mg/sample		06/07/16 17:30	06/17/16 20:44	5
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	76		20 - 150				06/07/16 17:30	06/17/16 20:44	5
Tetrachloro-m-xylene	78		19 - 147				06/07/16 17:30	06/17/16 20:44	5

# QC Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
SDG: 4213-15-242 Phase I

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 490-345850/1-A  
Matrix: Wipe  
Analysis Batch: 347948

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 345850

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	<0.000500		0.000500	0.000500	mg/sample		06/07/16 11:23	06/15/16 20:37	1
PCB-1221	<0.000500		0.000500	0.000500	mg/sample		06/07/16 11:23	06/15/16 20:37	1
PCB-1232	<0.000500		0.000500	0.000500	mg/sample		06/07/16 11:23	06/15/16 20:37	1
PCB-1242	<0.000500		0.000500	0.000500	mg/sample		06/07/16 11:23	06/15/16 20:37	1
PCB-1248	<0.000500		0.000500	0.000500	mg/sample		06/07/16 11:23	06/15/16 20:37	1
PCB-1254	<0.000500		0.000500	0.000500	mg/sample		06/07/16 11:23	06/15/16 20:37	1
PCB-1260	<0.000500		0.000500	0.000500	mg/sample		06/07/16 11:23	06/15/16 20:37	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl (Surr)	150		20 - 150	06/07/16 11:23	06/15/16 20:37	1
Tetrachloro-m-xylene	116		19 - 147	06/07/16 11:23	06/15/16 20:37	1

Lab Sample ID: LCS 490-345850/2-A  
Matrix: Wipe  
Analysis Batch: 347948

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 345850

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
PCB-1248	0.00500	0.006636		mg/sample		133	45 - 149

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl (Surr)	150		20 - 150
Tetrachloro-m-xylene	116		19 - 147

Lab Sample ID: MB 490-345950/1-A  
Matrix: Wipe  
Analysis Batch: 347948

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 345950

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	<0.000500		0.000500	0.000500	mg/sample		06/07/16 15:02	06/16/16 01:52	1
PCB-1221	<0.000500		0.000500	0.000500	mg/sample		06/07/16 15:02	06/16/16 01:52	1
PCB-1232	<0.000500		0.000500	0.000500	mg/sample		06/07/16 15:02	06/16/16 01:52	1
PCB-1242	<0.000500		0.000500	0.000500	mg/sample		06/07/16 15:02	06/16/16 01:52	1
PCB-1248	<0.000500		0.000500	0.000500	mg/sample		06/07/16 15:02	06/16/16 01:52	1
PCB-1254	<0.000500		0.000500	0.000500	mg/sample		06/07/16 15:02	06/16/16 01:52	1
PCB-1260	<0.000500		0.000500	0.000500	mg/sample		06/07/16 15:02	06/16/16 01:52	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl (Surr)	114		20 - 150	06/07/16 15:02	06/16/16 01:52	1
Tetrachloro-m-xylene	99		19 - 147	06/07/16 15:02	06/16/16 01:52	1

Lab Sample ID: LCS 490-345950/2-A  
Matrix: Wipe  
Analysis Batch: 347948

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 345950

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
PCB-1248	0.00500	0.005940		mg/sample		119	45 - 149

TestAmerica Nashville



# QC Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
SDG: 4213-15-242 Phase I

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 490-345950/2-A  
Matrix: Wipe  
Analysis Batch: 347948

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 345950

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl (Surr)	122		20 - 150
Tetrachloro-m-xylene	106		19 - 147

Lab Sample ID: MB 490-346010/1-A  
Matrix: Wipe  
Analysis Batch: 348545

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 346010

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	<0.000500		0.000500	0.000500	mg/sample		06/07/16 17:30	06/17/16 19:47	1
PCB-1221	<0.000500		0.000500	0.000500	mg/sample		06/07/16 17:30	06/17/16 19:47	1
PCB-1232	<0.000500		0.000500	0.000500	mg/sample		06/07/16 17:30	06/17/16 19:47	1
PCB-1242	<0.000500		0.000500	0.000500	mg/sample		06/07/16 17:30	06/17/16 19:47	1
PCB-1248	<0.000500		0.000500	0.000500	mg/sample		06/07/16 17:30	06/17/16 19:47	1
PCB-1254	<0.000500		0.000500	0.000500	mg/sample		06/07/16 17:30	06/17/16 19:47	1
PCB-1260	<0.000500		0.000500	0.000500	mg/sample		06/07/16 17:30	06/17/16 19:47	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl (Surr)	143		20 - 150	06/07/16 17:30	06/17/16 19:47	1
Tetrachloro-m-xylene	128		19 - 147	06/07/16 17:30	06/17/16 19:47	1

Lab Sample ID: LCS 490-346010/2-A  
Matrix: Wipe  
Analysis Batch: 348545

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 346010

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
PCB-1248	0.00500	0.005996		mg/sample		120	45 - 149

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl (Surr)	133		20 - 150
Tetrachloro-m-xylene	120		19 - 147

## QC Association Summary

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
SDG: 4213-15-242 Phase I

### GC Semi VOA

#### Prep Batch: 345850

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-104815-1	CL-01	Total/NA	Wipe	3550C	
490-104815-2	CL-02	Total/NA	Wipe	3550C	
490-104815-3	CL-03	Total/NA	Wipe	3550C	
490-104815-4	CL-04	Total/NA	Wipe	3550C	
490-104815-5	CL-05	Total/NA	Wipe	3550C	
490-104815-6	CL-06	Total/NA	Wipe	3550C	
490-104815-7	CL-07	Total/NA	Wipe	3550C	
490-104815-8	CL-08	Total/NA	Wipe	3550C	
490-104815-9	CL-09	Total/NA	Wipe	3550C	
490-104815-10	CL-10	Total/NA	Wipe	3550C	
490-104815-11	CL-11	Total/NA	Wipe	3550C	
490-104815-12	CL-12	Total/NA	Wipe	3550C	
490-104815-13	CL-13	Total/NA	Wipe	3550C	
490-104815-14	CL-14	Total/NA	Wipe	3550C	
490-104815-15	CL-15	Total/NA	Wipe	3550C	
490-104815-16	CL-16	Total/NA	Wipe	3550C	
490-104815-17	CL-17	Total/NA	Wipe	3550C	
490-104815-18	CL-18	Total/NA	Wipe	3550C	
490-104815-19	CL-19	Total/NA	Wipe	3550C	
490-104815-20	CL-20	Total/NA	Wipe	3550C	
LCS 490-345850/2-A	Lab Control Sample	Total/NA	Wipe	3550C	
MB 490-345850/1-A	Method Blank	Total/NA	Wipe	3550C	

#### Prep Batch: 345950

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-104815-21	CL-21	Total/NA	Wipe	3550C	
490-104815-22	CL-22	Total/NA	Wipe	3550C	
490-104815-23	CL-23	Total/NA	Wipe	3550C	
490-104815-24	CL-24	Total/NA	Wipe	3550C	
490-104815-25	CL-25	Total/NA	Wipe	3550C	
490-104815-26	CL-26	Total/NA	Wipe	3550C	
490-104815-27	CL-27	Total/NA	Wipe	3550C	
490-104815-28	CL-28	Total/NA	Wipe	3550C	
490-104815-29	CL-29	Total/NA	Wipe	3550C	
490-104815-30	CL-30	Total/NA	Wipe	3550C	
490-104815-31	CL-31	Total/NA	Wipe	3550C	
490-104815-32	CL-32	Total/NA	Wipe	3550C	
490-104815-33	CL-33	Total/NA	Wipe	3550C	
490-104815-34	CL-34	Total/NA	Wipe	3550C	
490-104815-35	CL-35	Total/NA	Wipe	3550C	
490-104815-36	CL-36	Total/NA	Wipe	3550C	
490-104815-37	CL-37	Total/NA	Wipe	3550C	
490-104815-38	CL-38	Total/NA	Wipe	3550C	
490-104815-39	CL-39	Total/NA	Wipe	3550C	
490-104815-40	CL-40	Total/NA	Wipe	3550C	
LCS 490-345950/2-A	Lab Control Sample	Total/NA	Wipe	3550C	
MB 490-345950/1-A	Method Blank	Total/NA	Wipe	3550C	

#### Prep Batch: 346010

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-104815-41	CL-41	Total/NA	Wipe	3550C	

TestAmerica Nashville

## QC Association Summary

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
SDG: 4213-15-242 Phase I

### GC Semi VOA (Continued)

#### Prep Batch: 346010 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-104815-42	CL-42	Total/NA	Wipe	3550C	
490-104815-43	CL-43	Total/NA	Wipe	3550C	
490-104815-44	CL-44	Total/NA	Wipe	3550C	
490-104815-45	CL-45	Total/NA	Wipe	3550C	
LCS 490-346010/2-A	Lab Control Sample	Total/NA	Wipe	3550C	
MB 490-346010/1-A	Method Blank	Total/NA	Wipe	3550C	

#### Analysis Batch: 347948

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-104815-1	CL-01	Total/NA	Wipe	8082A	345850
490-104815-2	CL-02	Total/NA	Wipe	8082A	345850
490-104815-3	CL-03	Total/NA	Wipe	8082A	345850
490-104815-4	CL-04	Total/NA	Wipe	8082A	345850
490-104815-5	CL-05	Total/NA	Wipe	8082A	345850
490-104815-6	CL-06	Total/NA	Wipe	8082A	345850
490-104815-7	CL-07	Total/NA	Wipe	8082A	345850
490-104815-8	CL-08	Total/NA	Wipe	8082A	345850
490-104815-9	CL-09	Total/NA	Wipe	8082A	345850
490-104815-10	CL-10	Total/NA	Wipe	8082A	345850
490-104815-11	CL-11	Total/NA	Wipe	8082A	345850
490-104815-12	CL-12	Total/NA	Wipe	8082A	345850
490-104815-13	CL-13	Total/NA	Wipe	8082A	345850
490-104815-14	CL-14	Total/NA	Wipe	8082A	345850
490-104815-15	CL-15	Total/NA	Wipe	8082A	345850
490-104815-16	CL-16	Total/NA	Wipe	8082A	345850
490-104815-17	CL-17	Total/NA	Wipe	8082A	345850
490-104815-22	CL-22	Total/NA	Wipe	8082A	345950
490-104815-24	CL-24	Total/NA	Wipe	8082A	345950
490-104815-26	CL-26	Total/NA	Wipe	8082A	345950
490-104815-27	CL-27	Total/NA	Wipe	8082A	345950
490-104815-29	CL-29	Total/NA	Wipe	8082A	345950
490-104815-30	CL-30	Total/NA	Wipe	8082A	345950
490-104815-31	CL-31	Total/NA	Wipe	8082A	345950
490-104815-32	CL-32	Total/NA	Wipe	8082A	345950
490-104815-33	CL-33	Total/NA	Wipe	8082A	345950
490-104815-34	CL-34	Total/NA	Wipe	8082A	345950
490-104815-35	CL-35	Total/NA	Wipe	8082A	345950
490-104815-36	CL-36	Total/NA	Wipe	8082A	345950
LCS 490-345850/2-A	Lab Control Sample	Total/NA	Wipe	8082A	345850
LCS 490-345950/2-A	Lab Control Sample	Total/NA	Wipe	8082A	345950
MB 490-345850/1-A	Method Blank	Total/NA	Wipe	8082A	345850
MB 490-345950/1-A	Method Blank	Total/NA	Wipe	8082A	345950

#### Analysis Batch: 348070

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-104815-18	CL-18	Total/NA	Wipe	8082A	345850
490-104815-19	CL-19	Total/NA	Wipe	8082A	345850
490-104815-20	CL-20	Total/NA	Wipe	8082A	345850
490-104815-21	CL-21	Total/NA	Wipe	8082A	345950
490-104815-23	CL-23	Total/NA	Wipe	8082A	345950
490-104815-25	CL-25	Total/NA	Wipe	8082A	345950

TestAmerica Nashville

## QC Association Summary

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
SDG: 4213-15-242 Phase I

### GC Semi VOA (Continued)

#### Analysis Batch: 348070 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-104815-28	CL-28	Total/NA	Wipe	8082A	345950
490-104815-37	CL-37	Total/NA	Wipe	8082A	345950
490-104815-38	CL-38	Total/NA	Wipe	8082A	345950
490-104815-39	CL-39	Total/NA	Wipe	8082A	345950
490-104815-40	CL-40	Total/NA	Wipe	8082A	345950

#### Analysis Batch: 348545

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-104815-41	CL-41	Total/NA	Wipe	8082A	346010
490-104815-42	CL-42	Total/NA	Wipe	8082A	346010
490-104815-43	CL-43	Total/NA	Wipe	8082A	346010
490-104815-44	CL-44	Total/NA	Wipe	8082A	346010
490-104815-45	CL-45	Total/NA	Wipe	8082A	346010
LCS 490-346010/2-A	Lab Control Sample	Total/NA	Wipe	8082A	346010
MB 490-346010/1-A	Method Blank	Total/NA	Wipe	8082A	346010

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# Lab Chronicle

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
SDG: 4213-15-242 Phase I

## Client Sample ID: CL-01

Date Collected: 06/01/16 09:30  
Date Received: 06/02/16 09:30

Lab Sample ID: 490-104815-1  
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1.00 Wipe	10 mL	345850	06/07/16 11:23	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	1.00 Wipe	10 mL	347948	06/15/16 21:06	MGH	TAL NSH

## Client Sample ID: CL-02

Date Collected: 06/01/16 09:35  
Date Received: 06/02/16 09:30

Lab Sample ID: 490-104815-2  
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1.00 Wipe	10 mL	345850	06/07/16 11:23	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	1.00 Wipe	10 mL	347948	06/15/16 21:20	MGH	TAL NSH

## Client Sample ID: CL-03

Date Collected: 06/01/16 09:40  
Date Received: 06/02/16 09:30

Lab Sample ID: 490-104815-3  
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1.00 Wipe	10 mL	345850	06/07/16 11:23	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	1.00 Wipe	10 mL	347948	06/15/16 21:34	MGH	TAL NSH

## Client Sample ID: CL-04

Date Collected: 06/01/16 09:45  
Date Received: 06/02/16 09:30

Lab Sample ID: 490-104815-4  
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1.00 Wipe	10 mL	345850	06/07/16 11:23	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	1.00 Wipe	10 mL	347948	06/15/16 21:49	MGH	TAL NSH

## Client Sample ID: CL-05

Date Collected: 06/01/16 09:50  
Date Received: 06/02/16 09:30

Lab Sample ID: 490-104815-5  
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1.00 Wipe	10 mL	345850	06/07/16 11:23	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	1.00 Wipe	10 mL	347948	06/15/16 22:03	MGH	TAL NSH

## Client Sample ID: CL-06

Date Collected: 06/01/16 09:55  
Date Received: 06/02/16 09:30

Lab Sample ID: 490-104815-6  
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1.00 Wipe	10 mL	345850	06/07/16 11:23	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	1.00 Wipe	10 mL	347948	06/15/16 22:17	MGH	TAL NSH

# Lab Chronicle

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
SDG: 4213-15-242 Phase I

## Client Sample ID: CL-07

Date Collected: 06/01/16 10:00

Date Received: 06/02/16 09:30

## Lab Sample ID: 490-104815-7

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1.00 Wipe	10 mL	345850	06/07/16 11:23	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	1.00 Wipe	10 mL	347948	06/15/16 22:32	MGH	TAL NSH

## Client Sample ID: CL-08

Date Collected: 06/01/16 10:05

Date Received: 06/02/16 09:30

## Lab Sample ID: 490-104815-8

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1.00 Wipe	10 mL	345850	06/07/16 11:23	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	1.00 Wipe	10 mL	347948	06/15/16 22:47	MGH	TAL NSH

## Client Sample ID: CL-09

Date Collected: 06/01/16 10:10

Date Received: 06/02/16 09:30

## Lab Sample ID: 490-104815-9

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1.00 Wipe	10 mL	345850	06/07/16 11:23	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	1.00 Wipe	10 mL	347948	06/15/16 23:01	MGH	TAL NSH

## Client Sample ID: CL-10

Date Collected: 06/01/16 10:15

Date Received: 06/02/16 09:30

## Lab Sample ID: 490-104815-10

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1.00 Wipe	10 mL	345850	06/07/16 11:23	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	1.00 Wipe	10 mL	347948	06/15/16 23:15	MGH	TAL NSH

## Client Sample ID: CL-11

Date Collected: 06/01/16 10:20

Date Received: 06/02/16 09:30

## Lab Sample ID: 490-104815-11

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1.00 Wipe	10 mL	345850	06/07/16 11:23	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	1.00 Wipe	10 mL	347948	06/15/16 23:30	MGH	TAL NSH

## Client Sample ID: CL-12

Date Collected: 06/01/16 10:25

Date Received: 06/02/16 09:30

## Lab Sample ID: 490-104815-12

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1.00 Wipe	10 mL	345850	06/07/16 11:23	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	1.00 Wipe	10 mL	347948	06/15/16 23:45	MGH	TAL NSH

TestAmerica Nashville

# Lab Chronicle

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
SDG: 4213-15-242 Phase I

## Client Sample ID: CL-13

Date Collected: 06/01/16 10:30  
Date Received: 06/02/16 09:30

## Lab Sample ID: 490-104815-13

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1.00 Wipe	10 mL	345850	06/07/16 11:23	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	1.00 Wipe	10 mL	347948	06/15/16 23:59	MGH	TAL NSH

## Client Sample ID: CL-14

Date Collected: 06/01/16 10:35  
Date Received: 06/02/16 09:30

## Lab Sample ID: 490-104815-14

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1.00 Wipe	10 mL	345850	06/07/16 11:23	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	1.00 Wipe	10 mL	347948	06/16/16 00:13	MGH	TAL NSH

## Client Sample ID: CL-15

Date Collected: 06/01/16 10:40  
Date Received: 06/02/16 09:30

## Lab Sample ID: 490-104815-15

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1.00 Wipe	10 mL	345850	06/07/16 11:23	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	1.00 Wipe	10 mL	347948	06/16/16 00:27	MGH	TAL NSH

## Client Sample ID: CL-16

Date Collected: 06/01/16 11:00  
Date Received: 06/02/16 09:30

## Lab Sample ID: 490-104815-16

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1.00 Wipe	10 mL	345850	06/07/16 11:23	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	1.00 Wipe	10 mL	347948	06/16/16 00:42	MGH	TAL NSH

## Client Sample ID: CL-17

Date Collected: 06/01/16 11:05  
Date Received: 06/02/16 09:30

## Lab Sample ID: 490-104815-17

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1.00 Wipe	10 mL	345850	06/07/16 11:23	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	1.00 Wipe	10 mL	347948	06/16/16 00:56	MGH	TAL NSH

## Client Sample ID: CL-18

Date Collected: 06/01/16 11:10  
Date Received: 06/02/16 09:30

## Lab Sample ID: 490-104815-18

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1.00 Wipe	10 mL	345850	06/07/16 11:23	LOJ	TAL NSH
Total/NA	Analysis	8082A		25	1.00 Wipe	10 mL	348070	06/16/16 11:11	MGH	TAL NSH

TestAmerica Nashville

# Lab Chronicle

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
SDG: 4213-15-242 Phase I

## Client Sample ID: CL-19

Date Collected: 06/01/16 11:15  
Date Received: 06/02/16 09:30

Lab Sample ID: 490-104815-19  
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1.00 Wipe	10 mL	345850	06/07/16 11:23	LOJ	TAL NSH
Total/NA	Analysis	8082A		25	1.00 Wipe	10 mL	348070	06/16/16 11:26	MGH	TAL NSH

## Client Sample ID: CL-20

Date Collected: 06/01/16 11:20  
Date Received: 06/02/16 09:30

Lab Sample ID: 490-104815-20  
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1.00 Wipe	10 mL	345850	06/07/16 11:23	LOJ	TAL NSH
Total/NA	Analysis	8082A		25	1.00 Wipe	10 mL	348070	06/16/16 11:41	MGH	TAL NSH

## Client Sample ID: CL-21

Date Collected: 06/01/16 11:25  
Date Received: 06/02/16 09:30

Lab Sample ID: 490-104815-21  
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10 mL	345950	06/07/16 15:02	LOJ	TAL NSH
Total/NA	Analysis	8082A		25	1 Wipe	10 mL	348070	06/16/16 11:56	MGH	TAL NSH

## Client Sample ID: CL-22

Date Collected: 06/01/16 11:30  
Date Received: 06/02/16 09:30

Lab Sample ID: 490-104815-22  
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10 mL	345950	06/07/16 15:02	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	1 Wipe	10 mL	347948	06/16/16 02:36	MGH	TAL NSH

## Client Sample ID: CL-23

Date Collected: 06/01/16 11:35  
Date Received: 06/02/16 09:30

Lab Sample ID: 490-104815-23  
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10 mL	345950	06/07/16 15:02	LOJ	TAL NSH
Total/NA	Analysis	8082A		25	1 Wipe	10 mL	348070	06/16/16 12:11	MGH	TAL NSH

## Client Sample ID: CL-24

Date Collected: 06/01/16 11:40  
Date Received: 06/02/16 09:30

Lab Sample ID: 490-104815-24  
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10 mL	345950	06/07/16 15:02	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	1 Wipe	10 mL	347948	06/16/16 03:04	MGH	TAL NSH

TestAmerica Nashville



# Lab Chronicle

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
SDG: 4213-15-242 Phase I

## Client Sample ID: CL-25

Date Collected: 06/01/16 11:45  
Date Received: 06/02/16 09:30

## Lab Sample ID: 490-104815-25

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10 mL	345950	06/07/16 15:02	LOJ	TAL NSH
Total/NA	Analysis	8082A		25	1 Wipe	10 mL	348070	06/16/16 12:27	MGH	TAL NSH

## Client Sample ID: CL-26

Date Collected: 06/01/16 11:50  
Date Received: 06/02/16 09:30

## Lab Sample ID: 490-104815-26

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10 mL	345950	06/07/16 15:02	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	1 Wipe	10 mL	347948	06/16/16 03:32	MGH	TAL NSH

## Client Sample ID: CL-27

Date Collected: 06/01/16 11:55  
Date Received: 06/02/16 09:30

## Lab Sample ID: 490-104815-27

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10 mL	345950	06/07/16 15:02	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	1 Wipe	10 mL	347948	06/16/16 03:46	MGH	TAL NSH

## Client Sample ID: CL-28

Date Collected: 06/01/16 12:00  
Date Received: 06/02/16 09:30

## Lab Sample ID: 490-104815-28

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10 mL	345950	06/07/16 15:02	LOJ	TAL NSH
Total/NA	Analysis	8082A		25	1 Wipe	10 mL	348070	06/16/16 12:42	MGH	TAL NSH

## Client Sample ID: CL-29

Date Collected: 06/01/16 12:05  
Date Received: 06/02/16 09:30

## Lab Sample ID: 490-104815-29

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10 mL	345950	06/07/16 15:02	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	1 Wipe	10 mL	347948	06/16/16 04:15	MGH	TAL NSH

## Client Sample ID: CL-30

Date Collected: 06/01/16 12:10  
Date Received: 06/02/16 09:30

## Lab Sample ID: 490-104815-30

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10 mL	345950	06/07/16 15:02	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	1 Wipe	10 mL	347948	06/16/16 04:29	MGH	TAL NSH

TestAmerica Nashville

# Lab Chronicle

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
SDG: 4213-15-242 Phase I

**Client Sample ID: CL-31**  
Date Collected: 06/01/16 13:00  
Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-31**  
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10 mL	345950	06/07/16 15:02	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	1 Wipe	10 mL	347948	06/16/16 04:44	MGH	TAL NSH

**Client Sample ID: CL-32**  
Date Collected: 06/01/16 13:05  
Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-32**  
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10 mL	345950	06/07/16 15:02	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	1 Wipe	10 mL	347948	06/16/16 04:59	MGH	TAL NSH

**Client Sample ID: CL-33**  
Date Collected: 06/01/16 13:10  
Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-33**  
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10 mL	345950	06/07/16 15:02	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	1 Wipe	10 mL	347948	06/16/16 05:13	MGH	TAL NSH

**Client Sample ID: CL-34**  
Date Collected: 06/01/16 13:15  
Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-34**  
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10 mL	345950	06/07/16 15:02	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	1 Wipe	10 mL	347948	06/16/16 05:27	MGH	TAL NSH

**Client Sample ID: CL-35**  
Date Collected: 06/01/16 13:20  
Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-35**  
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10 mL	345950	06/07/16 15:02	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	1 Wipe	10 mL	347948	06/16/16 05:41	MGH	TAL NSH

**Client Sample ID: CL-36**  
Date Collected: 06/01/16 13:25  
Date Received: 06/02/16 09:30

**Lab Sample ID: 490-104815-36**  
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10 mL	345950	06/07/16 15:02	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	1 Wipe	10 mL	347948	06/16/16 05:56	MGH	TAL NSH

TestAmerica Nashville

# Lab Chronicle

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
SDG: 4213-15-242 Phase I

## Client Sample ID: CL-37

Date Collected: 06/01/16 13:30  
Date Received: 06/02/16 09:30

## Lab Sample ID: 490-104815-37

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10 mL	345950	06/07/16 15:02	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	1 Wipe	10 mL	348070	06/16/16 10:10	MGH	TAL NSH

## Client Sample ID: CL-38

Date Collected: 06/01/16 13:35  
Date Received: 06/02/16 09:30

## Lab Sample ID: 490-104815-38

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10 mL	345950	06/07/16 15:02	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	1 Wipe	10 mL	348070	06/16/16 10:25	MGH	TAL NSH

## Client Sample ID: CL-39

Date Collected: 06/01/16 13:40  
Date Received: 06/02/16 09:30

## Lab Sample ID: 490-104815-39

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10 mL	345950	06/07/16 15:02	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	1 Wipe	10 mL	348070	06/16/16 10:40	MGH	TAL NSH

## Client Sample ID: CL-40

Date Collected: 06/01/16 13:45  
Date Received: 06/02/16 09:30

## Lab Sample ID: 490-104815-40

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10 mL	345950	06/07/16 15:02	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	1 Wipe	10 mL	348070	06/16/16 10:55	MGH	TAL NSH

## Client Sample ID: CL-41

Date Collected: 06/01/16 13:50  
Date Received: 06/02/16 09:30

## Lab Sample ID: 490-104815-41

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 g	10 mL	346010	06/07/16 17:53	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	1 g	10 mL	348545	06/17/16 20:58	MGH	TAL NSH

## Client Sample ID: CL-42

Date Collected: 06/01/16 13:55  
Date Received: 06/02/16 09:30

## Lab Sample ID: 490-104815-42

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 g	10 mL	346010	06/07/16 17:53	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	1 g	10 mL	348545	06/17/16 21:13	MGH	TAL NSH

TestAmerica Nashville

# Lab Chronicle

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
SDG: 4213-15-242 Phase I

## Client Sample ID: CL-43

Date Collected: 06/01/16 14:00  
Date Received: 06/02/16 09:30

## Lab Sample ID: 490-104815-43

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10 mL	346010	06/07/16 17:30	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	1 Wipe	10 mL	348545	06/17/16 20:16	MGH	TAL NSH

## Client Sample ID: CL-44

Date Collected: 06/01/16 14:05  
Date Received: 06/02/16 09:30

## Lab Sample ID: 490-104815-44

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10 mL	346010	06/07/16 17:30	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	1 Wipe	10 mL	348545	06/17/16 20:30	MGH	TAL NSH

## Client Sample ID: CL-45

Date Collected: 06/01/16 14:10  
Date Received: 06/02/16 09:30

## Lab Sample ID: 490-104815-45

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10 mL	346010	06/07/16 17:30	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	1 Wipe	10 mL	348545	06/17/16 20:44	MGH	TAL NSH

### Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

## Method Summary

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
SDG: 4213-15-242 Phase I

Method	Method Description	Protocol	Laboratory
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL NSH

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

## Certification Summary

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104815-1  
SDG: 4213-15-242 Phase I

### Laboratory: TestAmerica Nashville

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
South Carolina	State Program	4	84009 (001)	02-28-16 *

\* Certification renewal pending - certification considered valid.

TestAmerica Nashville

**COOLER RECEIPT FORM**



490-104815 Chain of Custody

Cooler Received/Opened On 6/2/2016 @ 0930

Time Samples Removed From Cooler 1407 Time Samples Placed In Storage 1443 (2 Hour Window)

1. Tracking # 8113 (last 4 digits, FedEx) Courier: FedEx

IR Gun ID 14740456 pH Strip Lot HC564992 Chlorine Strip Lot 012516A

2. Temperature of rep. sample or temp blank when opened: 5-8 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 2 on Front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) JAR

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # \_\_\_\_\_

I certify that I unloaded the cooler and answered questions 7-14 (initial) msm

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) msm

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) msm

I certify that I attached a label with the unique LIMS number to each container (initial) msm

21. Were there Non-Conformance issues at login? YES...NO Was a NCM generated? YES...NO...# \_\_\_\_\_













## Login Sample Receipt Checklist

Client: S&ME, Inc.

Job Number: 490-104815-1  
SDG Number: 4213-15-242 Phase I

**Login Number: 104815**

**List Number: 1**

**Creator: McBride, Mike**

**List Source: TestAmerica Nashville**

Question	Answer	Comment
Radioactivity wasn't checked or is <= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Nashville  
2960 Foster Creighton Drive  
Nashville, TN 37204  
Tel: (615)726-0177

TestAmerica Job ID: 490-104957-1

TestAmerica Sample Delivery Group: 4213-15-242 Phase I  
Client Project/Site: Patriots Point USS Clangore

For:  
S&ME, Inc.  
620 Wando Park Boulevard  
Mt. Pleasant, South Carolina 29464

Attn: Mr. Don Goins



Authorized for release by:  
6/28/2016 5:30:49 PM

Ken Hayes, Project Manager II  
(615)301-5035  
[ken.hayes@testamericainc.com](mailto:ken.hayes@testamericainc.com)



### LINKS

Review your project results through  
**Total Access**

Have a Question?

 **Ask The Expert**

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[www.testamericainc.com](http://www.testamericainc.com)

*The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

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## Sample Summary

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

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Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-104957-1	CL-46	Wipe	06/02/16 08:00	06/03/16 10:00
490-104957-2	CL-47	Wipe	06/02/16 08:05	06/03/16 10:00
490-104957-3	CL-48	Wipe	06/02/16 08:10	06/03/16 10:00
490-104957-4	CL-49	Wipe	06/02/16 08:15	06/03/16 10:00
490-104957-5	CL-50	Wipe	06/02/16 08:20	06/03/16 10:00
490-104957-6	CL-51	Wipe	06/02/16 08:25	06/03/16 10:00
490-104957-7	CL-52	Wipe	06/02/16 08:30	06/03/16 10:00
490-104957-8	CL-53	Wipe	06/02/16 08:35	06/03/16 10:00
490-104957-9	CL-54	Wipe	06/02/16 09:00	06/03/16 10:00
490-104957-10	CL-55	Wipe	06/02/16 09:05	06/03/16 10:00
490-104957-11	CL-56	Wipe	06/02/16 09:10	06/03/16 10:00
490-104957-12	CL-57	Wipe	06/02/16 09:14	06/03/16 10:00
490-104957-13	CL-58	Wipe	06/02/16 09:20	06/03/16 10:00
490-104957-14	CL-59	Wipe	06/02/16 09:25	06/03/16 10:00
490-104957-15	CL-60	Wipe	06/02/16 09:30	06/03/16 10:00
490-104957-16	CL-61	Wipe	06/02/16 09:35	06/03/16 10:00
490-104957-17	CL-62	Wipe	06/02/16 09:40	06/03/16 10:00
490-104957-18	CL-63	Wipe	06/02/16 09:45	06/03/16 10:00
490-104957-19	CL-64	Wipe	06/02/16 09:50	06/03/16 10:00
490-104957-20	CL-65	Wipe	06/02/16 09:55	06/03/16 10:00
490-104957-21	CL-66	Wipe	06/02/16 10:00	06/03/16 10:00
490-104957-22	CL-67	Wipe	06/02/16 10:05	06/03/16 10:00
490-104957-23	CL-68	Wipe	06/02/16 10:10	06/03/16 10:00
490-104957-24	CL-69	Paint Chips	06/02/16 01:00	06/03/16 10:00
490-104957-25	CL-70	Paint Chips	06/02/16 01:05	06/03/16 10:00
490-104957-26	CL-71	Paint Chips	06/02/16 01:10	06/03/16 10:00
490-104957-27	CL-72	Paint Chips	06/02/16 01:15	06/03/16 10:00
490-104957-28	CL-73	Paint Chips	06/02/16 01:20	06/03/16 10:00
490-104957-29	CL-74	Paint Chips	06/02/16 01:25	06/03/16 10:00
490-104957-30	CL-75	Paint Chips	06/02/16 01:30	06/03/16 10:00
490-104957-31	CL-76	Paint Chips	06/02/16 01:35	06/03/16 10:00
490-104957-32	CL-77	Paint Chips	06/02/16 01:40	06/03/16 10:00
490-104957-33	CL-78	Paint Chips	06/02/16 01:45	06/03/16 10:00
490-104957-34	CL-79	Paint Chips	06/02/16 01:50	06/03/16 10:00
490-104957-35	CL-80	Paint Chips	06/02/16 01:55	06/03/16 10:00
490-104957-36	CL-81	Paint Chips	06/02/16 02:00	06/03/16 10:00
490-104957-37	CL-82	Paint Chips	06/02/16 02:05	06/03/16 10:00
490-104957-38	CL-83	Paint Chips	06/02/16 02:10	06/03/16 10:00
490-104957-39	CL-84	Paint Chips	06/02/16 02:15	06/03/16 10:00
490-104957-40	CL-85	Paint Chips	06/02/16 02:20	06/03/16 10:00
490-104957-41	CL-86	Paint Chips	06/02/16 02:25	06/03/16 10:00
490-104957-42	CL-87	Paint Chips	06/02/16 02:30	06/03/16 10:00
490-104957-43	CL-88	Paint Chips	06/02/16 02:35	06/03/16 10:00
490-104957-44	CL-89	Paint Chips	06/02/16 02:40	06/03/16 10:00
490-104957-45	CL-90	Paint Chips	06/02/16 02:45	06/03/16 10:00
490-104957-46	CL-91	Paint Chips	06/02/16 02:50	06/03/16 10:00
490-104957-47	CL-92	Paint Chips	06/02/16 02:55	06/03/16 10:00
490-104957-48	CL-93	Paint Chips	06/02/16 03:00	06/03/16 10:00
490-104957-49	CL-94	Paint Chips	06/02/16 03:05	06/03/16 10:00
490-104957-50	CL-95	Paint Chips	06/02/16 03:10	06/03/16 10:00
490-104957-51	CL-96	Paint Chips	06/02/16 03:15	06/03/16 10:00
490-104957-52	CL-97	Paint Chips	06/02/16 03:20	06/03/16 10:00
490-104957-53	CL-98	Paint Chips	06/02/16 03:25	06/03/16 10:00

TestAmerica Nashville



## Case Narrative

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

**Job ID: 490-104957-1**

**Laboratory: TestAmerica Nashville**

### Narrative

#### Job Narrative 490-104957-1

### Comments

No additional comments.

### Receipt

The samples were received on 6/3/2016 10:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.7° C.

### GC Semi VOA

Method(s) 8082A: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with 490-347018.

Method(s) 8082A: Surrogate recovery for the following sample was outside control limits: CL-64 (490-104957-19). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 8082A: The following samples was diluted due to the nature of the sample matrix: CL-46 (490-104957-1), CL-47 (490-104957-2), CL-48 (490-104957-3), CL-55 (490-104957-10), CL-56 (490-104957-11), CL-57 (490-104957-12), CL-58 (490-104957-13), CL-60 (490-104957-15), CL-61 (490-104957-16), CL-62 (490-104957-17), CL-63 (490-104957-18) and CL-64 (490-104957-19). Elevated reporting limits (RLs) are provided.

Method(s) 8082A: The following samples required a dilution due to the nature of the sample matrix: CL-74 (490-104957-29), CL-75 (490-104957-30), CL-83 (490-104957-38), CL-85 (490-104957-40) and CL-86 (490-104957-41). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method(s) 8082A: The %RPD between the primary and confirmation column exceeded 40% for DCB Decachlorobiphenyl (Surr) and Tetrachloro-m-xylene for the following samples: CL-83 (490-104957-38), CL-84 (490-104957-39), CL-85 (490-104957-40) and CL-86 (490-104957-41). The lower value(s) has been reported and qualified in accordance with the laboratory's SOP.

Method(s) 8082A: The following samples required a dilution due to the nature of the sample matrix: CL-88 (490-104957-43), CL-92 (490-104957-47), CL-93 (490-104957-48), CL-94 (490-104957-49), CL-95 (490-104957-50), CL-96 (490-104957-51), CL-97 (490-104957-52) and CL-98 (490-104957-53). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method(s) 8082A: Surrogate recovery for the following samples was outside control limits: CL-89 (490-104957-44), CL-90 (490-104957-45) and CL-92 (490-104957-47). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 8082A: The %RPD between the primary and confirmation column exceeded 40% for DCB Decachlorobiphenyl (Surr) and Tetrachloro-m-xylene for the following samples: CL-89 (490-104957-44), CL-91 (490-104957-46), CL-94 (490-104957-49), CL-96 (490-104957-51), CL-97 (490-104957-52) and (490-104932-D-1-D MS). The lower value(s) has been reported and qualified in accordance with the laboratory's SOP.

Method(s) 8082A: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with 490-347019.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

### Metals

Method(s) 6010C: The following samples was diluted to bring the concentration of target analytes within the calibration range: CL-70 (490-104957-25), CL-71 (490-104957-26), CL-72 (490-104957-27) and CL-73 (490-104957-28) at 50.0, 50.0, 50.0 and 50.0. Elevated reporting limits (RLs) are provided.

Method(s) 6010C: The following samples was diluted to bring the concentration of target analytes within the calibration range: CL-70

## Case Narrative

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

### Job ID: 490-104957-1 (Continued)

#### Laboratory: TestAmerica Nashville (Continued)

(490-104957-25), CL-71 (490-104957-26), CL-72 (490-104957-27) and CL-73 (490-104957-28) at 50.0, 50.0, 50.0 and 50.0. Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### Organic Prep

Method(s) 3550C: Insufficient sample volume was provided for the following sample(s) for the 3550C analysis: 8082A.

Method(s) 3550C: Elevated reporting limits are provided for the following sample(s) due to insufficient sample provided for 3550C preparation/analysis: 8082A.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

## Definitions/Glossary

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

### Qualifiers

#### GC Semi VOA

Qualifier	Qualifier Description
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
X	Surrogate is outside control limits

#### Metals

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

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## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-46**  
 Date Collected: 06/02/16 08:00  
 Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-1**  
 Matrix: Wipe

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00250		0.00250	0.00250	mg/sample		06/11/16 08:11	06/15/16 09:55	5
PCB-1221	<0.00250		0.00250	0.00250	mg/sample		06/11/16 08:11	06/15/16 09:55	5
PCB-1232	<0.00250		0.00250	0.00250	mg/sample		06/11/16 08:11	06/15/16 09:55	5
PCB-1242	<0.00250		0.00250	0.00250	mg/sample		06/11/16 08:11	06/15/16 09:55	5
<b>PCB-1248</b>	<b>0.0321</b>		0.00250	0.00250	mg/sample		06/11/16 08:11	06/15/16 09:55	5
PCB-1254	<0.00250		0.00250	0.00250	mg/sample		06/11/16 08:11	06/15/16 09:55	5
PCB-1260	<0.00250		0.00250	0.00250	mg/sample		06/11/16 08:11	06/15/16 09:55	5
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	91		20 - 150				06/11/16 08:11	06/15/16 09:55	5
Tetrachloro-m-xylene	88		19 - 147				06/11/16 08:11	06/15/16 09:55	5

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-47**

Date Collected: 06/02/16 08:05

Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-2**

Matrix: Wipe

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00500		0.00500	0.00500	mg/sample		06/11/16 08:11	06/15/16 10:10	10
PCB-1221	<0.00500		0.00500	0.00500	mg/sample		06/11/16 08:11	06/15/16 10:10	10
PCB-1232	<0.00500		0.00500	0.00500	mg/sample		06/11/16 08:11	06/15/16 10:10	10
PCB-1242	<0.00500		0.00500	0.00500	mg/sample		06/11/16 08:11	06/15/16 10:10	10
<b>PCB-1248</b>	<b>0.0212</b>		0.00500	0.00500	mg/sample		06/11/16 08:11	06/15/16 10:10	10
PCB-1254	<0.00500		0.00500	0.00500	mg/sample		06/11/16 08:11	06/15/16 10:10	10
PCB-1260	<0.00500		0.00500	0.00500	mg/sample		06/11/16 08:11	06/15/16 10:10	10
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	82		20 - 150				06/11/16 08:11	06/15/16 10:10	10
Tetrachloro-m-xylene	49		19 - 147				06/11/16 08:11	06/15/16 10:10	10

# Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

**Client Sample ID: CL-48**  
Date Collected: 06/02/16 08:10  
Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-3**  
Matrix: Wipe

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00250		0.00250	0.00250	mg/sample		06/11/16 08:11	06/15/16 10:25	5
PCB-1221	<0.00250		0.00250	0.00250	mg/sample		06/11/16 08:11	06/15/16 10:25	5
PCB-1232	<0.00250		0.00250	0.00250	mg/sample		06/11/16 08:11	06/15/16 10:25	5
PCB-1242	<0.00250		0.00250	0.00250	mg/sample		06/11/16 08:11	06/15/16 10:25	5
<b>PCB-1248</b>	<b>0.0116</b>		0.00250	0.00250	mg/sample		06/11/16 08:11	06/15/16 10:25	5
PCB-1254	<0.00250		0.00250	0.00250	mg/sample		06/11/16 08:11	06/15/16 10:25	5
PCB-1260	<0.00250		0.00250	0.00250	mg/sample		06/11/16 08:11	06/15/16 10:25	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	93		20 - 150				06/11/16 08:11	06/15/16 10:25	5
Tetrachloro-m-xylene	83		19 - 147				06/11/16 08:11	06/15/16 10:25	5

# Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-49**  
 Date Collected: 06/02/16 08:15  
 Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-4**  
 Matrix: Wipe

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 00:38	1
PCB-1221	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 00:38	1
PCB-1232	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 00:38	1
PCB-1242	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 00:38	1
<b>PCB-1248</b>	<b>0.00342</b>		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 00:38	1
PCB-1254	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 00:38	1
PCB-1260	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 00:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>DCB Decachlorobiphenyl (Surr)</i>	96		20 - 150				06/11/16 08:11	06/15/16 00:38	1
<i>Tetrachloro-m-xylene</i>	95		19 - 147				06/11/16 08:11	06/15/16 00:38	1

# Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-50**  
 Date Collected: 06/02/16 08:20  
 Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-5**  
 Matrix: Wipe

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 00:52	1
PCB-1221	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 00:52	1
PCB-1232	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 00:52	1
PCB-1242	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 00:52	1
<b>PCB-1248</b>	<b>0.00696</b>		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 00:52	1
PCB-1254	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 00:52	1
PCB-1260	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 00:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	71		20 - 150				06/11/16 08:11	06/15/16 00:52	1
Tetrachloro-m-xylene	76		19 - 147				06/11/16 08:11	06/15/16 00:52	1



# Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-51**  
 Date Collected: 06/02/16 08:25  
 Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-6**  
 Matrix: Wipe

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 01:07	1
PCB-1221	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 01:07	1
PCB-1232	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 01:07	1
PCB-1242	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 01:07	1
<b>PCB-1248</b>	<b>0.00120</b>		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 01:07	1
PCB-1254	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 01:07	1
PCB-1260	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 01:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	61		20 - 150				06/11/16 08:11	06/15/16 01:07	1
Tetrachloro-m-xylene	80		19 - 147				06/11/16 08:11	06/15/16 01:07	1

# Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-52**  
 Date Collected: 06/02/16 08:30  
 Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-7**  
 Matrix: Wipe

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 01:22	1
PCB-1221	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 01:22	1
PCB-1232	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 01:22	1
PCB-1242	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 01:22	1
<b>PCB-1248</b>	<b>0.0115</b>		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 01:22	1
PCB-1254	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 01:22	1
PCB-1260	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 01:22	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
<i>DCB Decachlorobiphenyl (Surr)</i>	88		20 - 150				06/11/16 08:11	06/15/16 01:22	1
<i>Tetrachloro-m-xylene</i>	81		19 - 147				06/11/16 08:11	06/15/16 01:22	1

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# Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-53**  
 Date Collected: 06/02/16 08:35  
 Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-8**  
 Matrix: Wipe

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 01:36	1
PCB-1221	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 01:36	1
PCB-1232	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 01:36	1
PCB-1242	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 01:36	1
<b>PCB-1248</b>	<b>0.00286</b>		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 01:36	1
PCB-1254	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 01:36	1
PCB-1260	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 01:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	66		20 - 150				06/11/16 08:11	06/15/16 01:36	1
Tetrachloro-m-xylene	72		19 - 147				06/11/16 08:11	06/15/16 01:36	1

# Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-54**

Date Collected: 06/02/16 09:00

Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-9**

Matrix: Wipe

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 01:51	1
PCB-1221	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 01:51	1
PCB-1232	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 01:51	1
PCB-1242	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 01:51	1
PCB-1248	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 01:51	1
<b>PCB-1254</b>	<b>0.0133</b>		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 01:51	1
PCB-1260	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 01:51	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	66		20 - 150				06/11/16 08:11	06/15/16 01:51	1
Tetrachloro-m-xylene	70		19 - 147				06/11/16 08:11	06/15/16 01:51	1

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-55**  
 Date Collected: 06/02/16 09:05  
 Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-10**  
 Matrix: Wipe

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00250		0.00250	0.00250	mg/sample		06/11/16 08:11	06/15/16 10:40	5
PCB-1221	<0.00250		0.00250	0.00250	mg/sample		06/11/16 08:11	06/15/16 10:40	5
PCB-1232	<0.00250		0.00250	0.00250	mg/sample		06/11/16 08:11	06/15/16 10:40	5
PCB-1242	<0.00250		0.00250	0.00250	mg/sample		06/11/16 08:11	06/15/16 10:40	5
PCB-1248	<0.00250		0.00250	0.00250	mg/sample		06/11/16 08:11	06/15/16 10:40	5
<b>PCB-1254</b>	<b>0.0489</b>		0.00250	0.00250	mg/sample		06/11/16 08:11	06/15/16 10:40	5
PCB-1260	<0.00250		0.00250	0.00250	mg/sample		06/11/16 08:11	06/15/16 10:40	5
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
<i>DCB Decachlorobiphenyl (Surr)</i>	117		20 - 150				06/11/16 08:11	06/15/16 10:40	5
<i>Tetrachloro-m-xylene</i>	116		19 - 147				06/11/16 08:11	06/15/16 10:40	5

# Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-56**  
 Date Collected: 06/02/16 09:10  
 Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-11**  
 Matrix: Wipe

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00500		0.00500	0.00500	mg/sample		06/11/16 08:11	06/15/16 10:56	10
PCB-1221	<0.00500		0.00500	0.00500	mg/sample		06/11/16 08:11	06/15/16 10:56	10
PCB-1232	<0.00500		0.00500	0.00500	mg/sample		06/11/16 08:11	06/15/16 10:56	10
PCB-1242	<0.00500		0.00500	0.00500	mg/sample		06/11/16 08:11	06/15/16 10:56	10
PCB-1248	<0.00500		0.00500	0.00500	mg/sample		06/11/16 08:11	06/15/16 10:56	10
<b>PCB-1254</b>	<b>0.0900</b>		0.00500	0.00500	mg/sample		06/11/16 08:11	06/15/16 10:56	10
PCB-1260	<0.00500		0.00500	0.00500	mg/sample		06/11/16 08:11	06/15/16 10:56	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	140		20 - 150				06/11/16 08:11	06/15/16 10:56	10
Tetrachloro-m-xylene	127		19 - 147				06/11/16 08:11	06/15/16 10:56	10

# Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-57**  
 Date Collected: 06/02/16 09:14  
 Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-12**  
 Matrix: Wipe

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00500		0.00500	0.00500	mg/sample		06/11/16 08:11	06/15/16 11:11	10
PCB-1221	<0.00500		0.00500	0.00500	mg/sample		06/11/16 08:11	06/15/16 11:11	10
PCB-1232	<0.00500		0.00500	0.00500	mg/sample		06/11/16 08:11	06/15/16 11:11	10
PCB-1242	<0.00500		0.00500	0.00500	mg/sample		06/11/16 08:11	06/15/16 11:11	10
PCB-1248	<0.00500		0.00500	0.00500	mg/sample		06/11/16 08:11	06/15/16 11:11	10
<b>PCB-1254</b>	<b>0.102</b>		0.00500	0.00500	mg/sample		06/11/16 08:11	06/15/16 11:11	10
PCB-1260	<0.00500		0.00500	0.00500	mg/sample		06/11/16 08:11	06/15/16 11:11	10
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	86		20 - 150				06/11/16 08:11	06/15/16 11:11	10
Tetrachloro-m-xylene	83		19 - 147				06/11/16 08:11	06/15/16 11:11	10

# Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-58**  
 Date Collected: 06/02/16 09:20  
 Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-13**  
 Matrix: Wipe

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00250		0.00250	0.00250	mg/sample		06/11/16 08:11	06/15/16 11:26	5
PCB-1221	<0.00250		0.00250	0.00250	mg/sample		06/11/16 08:11	06/15/16 11:26	5
PCB-1232	<0.00250		0.00250	0.00250	mg/sample		06/11/16 08:11	06/15/16 11:26	5
PCB-1242	<0.00250		0.00250	0.00250	mg/sample		06/11/16 08:11	06/15/16 11:26	5
PCB-1248	<0.00250		0.00250	0.00250	mg/sample		06/11/16 08:11	06/15/16 11:26	5
<b>PCB-1254</b>	<b>0.0389</b>		0.00250	0.00250	mg/sample		06/11/16 08:11	06/15/16 11:26	5
PCB-1260	<0.00250		0.00250	0.00250	mg/sample		06/11/16 08:11	06/15/16 11:26	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	102		20 - 150				06/11/16 08:11	06/15/16 11:26	5
Tetrachloro-m-xylene	91		19 - 147				06/11/16 08:11	06/15/16 11:26	5



# Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-59**  
 Date Collected: 06/02/16 09:25  
 Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-14**  
 Matrix: Wipe

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 03:04	1
PCB-1221	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 03:04	1
PCB-1232	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 03:04	1
PCB-1242	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 03:04	1
PCB-1248	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 03:04	1
<b>PCB-1254</b>	<b>0.0140</b>		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 03:04	1
PCB-1260	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 03:04	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	76		20 - 150				06/11/16 08:11	06/15/16 03:04	1
Tetrachloro-m-xylene	91		19 - 147				06/11/16 08:11	06/15/16 03:04	1

# Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

**Client Sample ID: CL-60**  
Date Collected: 06/02/16 09:30  
Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-15**  
Matrix: Wipe

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00100		0.00100	0.00100	mg/sample		06/11/16 08:11	06/15/16 11:41	2
PCB-1221	<0.00100		0.00100	0.00100	mg/sample		06/11/16 08:11	06/15/16 11:41	2
PCB-1232	<0.00100		0.00100	0.00100	mg/sample		06/11/16 08:11	06/15/16 11:41	2
PCB-1242	<0.00100		0.00100	0.00100	mg/sample		06/11/16 08:11	06/15/16 11:41	2
PCB-1248	<0.00100		0.00100	0.00100	mg/sample		06/11/16 08:11	06/15/16 11:41	2
<b>PCB-1254</b>	<b>0.0204</b>		0.00100	0.00100	mg/sample		06/11/16 08:11	06/15/16 11:41	2
PCB-1260	<0.00100		0.00100	0.00100	mg/sample		06/11/16 08:11	06/15/16 11:41	2
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
<i>DCB Decachlorobiphenyl (Surr)</i>	84		20 - 150				06/11/16 08:11	06/15/16 11:41	2
<i>Tetrachloro-m-xylene</i>	86		19 - 147				06/11/16 08:11	06/15/16 11:41	2

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## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-61**  
 Date Collected: 06/02/16 09:35  
 Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-16**  
 Matrix: Wipe

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00250		0.00250	0.00250	mg/sample		06/11/16 08:11	06/15/16 11:57	5
PCB-1221	<0.00250		0.00250	0.00250	mg/sample		06/11/16 08:11	06/15/16 11:57	5
PCB-1232	<0.00250		0.00250	0.00250	mg/sample		06/11/16 08:11	06/15/16 11:57	5
PCB-1242	<0.00250		0.00250	0.00250	mg/sample		06/11/16 08:11	06/15/16 11:57	5
PCB-1248	<0.00250		0.00250	0.00250	mg/sample		06/11/16 08:11	06/15/16 11:57	5
<b>PCB-1254</b>	<b>0.0361</b>		0.00250	0.00250	mg/sample		06/11/16 08:11	06/15/16 11:57	5
PCB-1260	<0.00250		0.00250	0.00250	mg/sample		06/11/16 08:11	06/15/16 11:57	5
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	84		20 - 150				06/11/16 08:11	06/15/16 11:57	5
Tetrachloro-m-xylene	82		19 - 147				06/11/16 08:11	06/15/16 11:57	5

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-62**  
 Date Collected: 06/02/16 09:40  
 Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-17**  
 Matrix: Wipe

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00250		0.00250	0.00250	mg/sample		06/11/16 08:11	06/15/16 12:12	5
PCB-1221	<0.00250		0.00250	0.00250	mg/sample		06/11/16 08:11	06/15/16 12:12	5
PCB-1232	<0.00250		0.00250	0.00250	mg/sample		06/11/16 08:11	06/15/16 12:12	5
PCB-1242	<0.00250		0.00250	0.00250	mg/sample		06/11/16 08:11	06/15/16 12:12	5
PCB-1248	<0.00250		0.00250	0.00250	mg/sample		06/11/16 08:11	06/15/16 12:12	5
<b>PCB-1254</b>	<b>0.0447</b>		0.00250	0.00250	mg/sample		06/11/16 08:11	06/15/16 12:12	5
PCB-1260	<0.00250		0.00250	0.00250	mg/sample		06/11/16 08:11	06/15/16 12:12	5
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	78		20 - 150				06/11/16 08:11	06/15/16 12:12	5
Tetrachloro-m-xylene	86		19 - 147				06/11/16 08:11	06/15/16 12:12	5

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-63**  
 Date Collected: 06/02/16 09:45  
 Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-18**  
 Matrix: Wipe

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00100		0.00100	0.00100	mg/sample		06/11/16 08:11	06/15/16 12:27	2
PCB-1221	<0.00100		0.00100	0.00100	mg/sample		06/11/16 08:11	06/15/16 12:27	2
PCB-1232	<0.00100		0.00100	0.00100	mg/sample		06/11/16 08:11	06/15/16 12:27	2
PCB-1242	<0.00100		0.00100	0.00100	mg/sample		06/11/16 08:11	06/15/16 12:27	2
PCB-1248	<0.00100		0.00100	0.00100	mg/sample		06/11/16 08:11	06/15/16 12:27	2
<b>PCB-1254</b>	<b>0.0269</b>		0.00100	0.00100	mg/sample		06/11/16 08:11	06/15/16 12:27	2
PCB-1260	<0.00100		0.00100	0.00100	mg/sample		06/11/16 08:11	06/15/16 12:27	2
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	87		20 - 150				06/11/16 08:11	06/15/16 12:27	2
Tetrachloro-m-xylene	84		19 - 147				06/11/16 08:11	06/15/16 12:27	2

# Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-64**  
 Date Collected: 06/02/16 09:50  
 Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-19**  
 Matrix: Wipe

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00250		0.00250	0.00250	mg/sample		06/11/16 08:11	06/15/16 12:42	5
PCB-1221	<0.00250		0.00250	0.00250	mg/sample		06/11/16 08:11	06/15/16 12:42	5
PCB-1232	<0.00250		0.00250	0.00250	mg/sample		06/11/16 08:11	06/15/16 12:42	5
PCB-1242	<0.00250		0.00250	0.00250	mg/sample		06/11/16 08:11	06/15/16 12:42	5
PCB-1248	<0.00250		0.00250	0.00250	mg/sample		06/11/16 08:11	06/15/16 12:42	5
<b>PCB-1254</b>	<b>0.0367</b>		0.00250	0.00250	mg/sample		06/11/16 08:11	06/15/16 12:42	5
PCB-1260	<0.00250		0.00250	0.00250	mg/sample		06/11/16 08:11	06/15/16 12:42	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	157	X	20 - 150				06/11/16 08:11	06/15/16 12:42	5
Tetrachloro-m-xylene	143		19 - 147				06/11/16 08:11	06/15/16 12:42	5

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-65**  
 Date Collected: 06/02/16 09:55  
 Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-20**  
 Matrix: Wipe

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 04:31	1
PCB-1221	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 04:31	1
PCB-1232	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 04:31	1
PCB-1242	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 04:31	1
PCB-1248	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 04:31	1
<b>PCB-1254</b>	<b>0.0122</b>		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 04:31	1
PCB-1260	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/15/16 04:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	78		20 - 150	06/11/16 08:11	06/15/16 04:31	1
Tetrachloro-m-xylene	87		19 - 147	06/11/16 08:11	06/15/16 04:31	1

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## Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

**Client Sample ID: CL-66**  
Date Collected: 06/02/16 10:00  
Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-21**  
Matrix: Wipe

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:20	06/21/16 11:45	1
PCB-1221	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:20	06/21/16 11:45	1
PCB-1232	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:20	06/21/16 11:45	1
PCB-1242	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:20	06/21/16 11:45	1
PCB-1248	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:20	06/21/16 11:45	1
<b>PCB-1254</b>	<b>0.0161</b>		0.000500	0.000500	mg/sample		06/11/16 08:20	06/21/16 11:45	1
PCB-1260	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:20	06/21/16 11:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	72		20 - 150				06/11/16 08:20	06/21/16 11:45	1
Tetrachloro-m-xylene	88		19 - 147				06/11/16 08:20	06/21/16 11:45	1



# Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

**Client Sample ID: CL-67**  
Date Collected: 06/02/16 10:05  
Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-22**  
Matrix: Wipe

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:20	06/21/16 12:00	1
PCB-1221	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:20	06/21/16 12:00	1
PCB-1232	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:20	06/21/16 12:00	1
PCB-1242	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:20	06/21/16 12:00	1
PCB-1248	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:20	06/21/16 12:00	1
<b>PCB-1254</b>	<b>0.0571</b>		0.00250	0.00250	mg/sample		06/11/16 08:20	06/21/16 18:29	5
PCB-1260	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:20	06/21/16 12:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	101		20 - 150				06/11/16 08:20	06/21/16 12:00	1
Tetrachloro-m-xylene	102		19 - 147				06/11/16 08:20	06/21/16 12:00	1

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-68**  
 Date Collected: 06/02/16 10:10  
 Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-23**  
 Matrix: Wipe

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:20	06/21/16 12:15	1
PCB-1221	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:20	06/21/16 12:15	1
PCB-1232	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:20	06/21/16 12:15	1
PCB-1242	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:20	06/21/16 12:15	1
PCB-1248	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:20	06/21/16 12:15	1
PCB-1254	0.0476		0.00250	0.00250	mg/sample		06/11/16 08:20	06/21/16 18:44	5
PCB-1260	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:20	06/21/16 12:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	137		20 - 150				06/11/16 08:20	06/21/16 12:15	1
Tetrachloro-m-xylene	139		19 - 147				06/11/16 08:20	06/21/16 12:15	1

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# Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

**Client Sample ID: CL-69**  
Date Collected: 06/02/16 01:00  
Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-24**  
Matrix: Paint Chips

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<4.29		14.3	4.29	ppm		06/10/16 12:06	06/18/16 02:15	100
PCB-1221	<4.29		14.3	4.29	ppm		06/10/16 12:06	06/18/16 02:15	100
PCB-1232	<8.57		14.3	8.57	ppm		06/10/16 12:06	06/18/16 02:15	100
PCB-1242	<4.29		14.3	4.29	ppm		06/10/16 12:06	06/18/16 02:15	100
PCB-1248	<4.29		14.3	4.29	ppm		06/10/16 12:06	06/18/16 02:15	100
PCB-1254	136		14.3	4.29	ppm		06/10/16 12:06	06/18/16 02:15	100
PCB-1260	<4.29		14.3	4.29	ppm		06/10/16 12:06	06/18/16 02:15	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	94		20 - 150				06/10/16 12:06	06/18/16 02:15	100
Tetrachloro-m-xylene	145		19 - 147				06/10/16 12:06	06/18/16 02:15	100

## Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	280		1.97	0.984	mg/Kg		06/07/16 04:13	06/07/16 12:09	1
Cadmium	20.3		0.984	0.0984	mg/Kg		06/07/16 04:13	06/07/16 12:09	1
Lead	4290		0.984	0.492	mg/Kg		06/07/16 04:13	06/07/16 12:09	1
Zinc	30500		197	98.4	mg/Kg		06/07/16 04:13	06/07/16 18:59	20
Chromium	1420		0.984	0.886	mg/Kg		06/07/16 04:13	06/07/16 12:09	1

# Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

**Client Sample ID: CL-70**  
Date Collected: 06/02/16 01:05  
Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-25**  
Matrix: Paint Chips

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<3.05		10.2	3.05	ppm		06/10/16 12:06	06/18/16 02:29	50
PCB-1221	<3.05		10.2	3.05	ppm		06/10/16 12:06	06/18/16 02:29	50
PCB-1232	<6.10		10.2	6.10	ppm		06/10/16 12:06	06/18/16 02:29	50
PCB-1242	<3.05		10.2	3.05	ppm		06/10/16 12:06	06/18/16 02:29	50
PCB-1248	<3.05		10.2	3.05	ppm		06/10/16 12:06	06/18/16 02:29	50
<b>PCB-1254</b>	<b>64.3</b>		10.2	3.05	ppm		06/10/16 12:06	06/18/16 02:29	50
PCB-1260	<3.05		10.2	3.05	ppm		06/10/16 12:06	06/18/16 02:29	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	67		20 - 150	06/10/16 12:06	06/18/16 02:29	50
Tetrachloro-m-xylene	107		19 - 147	06/10/16 12:06	06/18/16 02:29	50

## Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	409		1.95	0.975	mg/Kg		06/07/16 04:13	06/07/16 12:13	1
Cadmium	26.7		0.975	0.0975	mg/Kg		06/07/16 04:13	06/07/16 12:13	1
Lead	3550		0.975	0.487	mg/Kg		06/07/16 04:13	06/07/16 12:13	1
Zinc	54700		487	244	mg/Kg		06/07/16 04:13	06/08/16 13:30	50
Chromium	2090		0.975	0.877	mg/Kg		06/07/16 04:13	06/07/16 12:13	1

# Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clangore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

**Client Sample ID: CL-71**  
Date Collected: 06/02/16 01:10  
Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-26**  
Matrix: Paint Chips

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit
PCB-1016	<3.05		10.2	3.05	ppm
PCB-1221	<3.05		10.2	3.05	ppm
PCB-1232	<6.10		10.2	6.10	ppm
PCB-1242	<3.05		10.2	3.05	ppm
PCB-1248	<3.05		10.2	3.05	ppm
<b>PCB-1254</b>	<b>68.5</b>		10.2	3.05	ppm
PCB-1260	<3.05		10.2	3.05	ppm

D	Prepared	Analyzed	Dil Fac
	06/10/16 12:06	06/18/16 02:43	50
	06/10/16 12:06	06/18/16 02:43	50
	06/10/16 12:06	06/18/16 02:43	50
	06/10/16 12:06	06/18/16 02:43	50
	06/10/16 12:06	06/18/16 02:43	50
	06/10/16 12:06	06/18/16 02:43	50
	06/10/16 12:06	06/18/16 02:43	50

Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	69		20 - 150
Tetrachloro-m-xylene	95		19 - 147

	Prepared	Analyzed	Dil Fac
	06/10/16 12:06	06/18/16 02:43	50
	06/10/16 12:06	06/18/16 02:43	50

## Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit
Barium	477		1.93	0.965	mg/Kg
Cadmium	28.7		0.965	0.0965	mg/Kg
Lead	6320		0.965	0.483	mg/Kg
Zinc	52700		483	241	mg/Kg
Chromium	2130		0.965	0.869	mg/Kg

D	Prepared	Analyzed	Dil Fac
	06/07/16 04:13	06/07/16 12:17	1
	06/07/16 04:13	06/07/16 12:17	1
	06/07/16 04:13	06/07/16 12:17	1
	06/07/16 04:13	06/08/16 13:34	50
	06/07/16 04:13	06/07/16 12:17	1

# Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clangore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

**Client Sample ID: CL-72**  
Date Collected: 06/02/16 01:15  
Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-27**  
Matrix: Paint Chips

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit
PCB-1016	<3.05		10.2	3.05	ppm
PCB-1221	<3.05		10.2	3.05	ppm
PCB-1232	<6.11		10.2	6.11	ppm
PCB-1242	<3.05		10.2	3.05	ppm
PCB-1248	<3.05		10.2	3.05	ppm
<b>PCB-1254</b>	<b>95.3</b>		10.2	3.05	ppm
PCB-1260	<3.05		10.2	3.05	ppm

Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	102		20 - 150
Tetrachloro-m-xylene	120		19 - 147

## Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit
Barium	555		1.90	0.952	mg/Kg
Cadmium	27.0		0.952	0.0952	mg/Kg
Lead	6110		0.952	0.476	mg/Kg
Zinc	59300		476	238	mg/Kg
Chromium	3070		0.952	0.857	mg/Kg

D	Prepared	Analyzed	Dil Fac
	06/10/16 12:06	06/18/16 02:58	50
	06/10/16 12:06	06/18/16 02:58	50
	06/10/16 12:06	06/18/16 02:58	50
	06/10/16 12:06	06/18/16 02:58	50
	06/10/16 12:06	06/18/16 02:58	50
	06/10/16 12:06	06/18/16 02:58	50
	06/10/16 12:06	06/18/16 02:58	50

	Prepared	Analyzed	Dil Fac
	06/10/16 12:06	06/18/16 02:58	50
	06/10/16 12:06	06/18/16 02:58	50

D	Prepared	Analyzed	Dil Fac
	06/07/16 04:13	06/07/16 12:21	1
	06/07/16 04:13	06/07/16 12:21	1
	06/07/16 04:13	06/07/16 12:21	1
	06/07/16 04:13	06/08/16 13:39	50
	06/07/16 04:13	06/07/16 12:21	1

# Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

**Client Sample ID: CL-73**  
Date Collected: 06/02/16 01:20  
Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-28**  
Matrix: Paint Chips

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit
PCB-1016	<3.20		10.7	3.20	ppm
PCB-1221	<3.20		10.7	3.20	ppm
PCB-1232	<6.40		10.7	6.40	ppm
PCB-1242	<3.20		10.7	3.20	ppm
PCB-1248	<3.20		10.7	3.20	ppm
PCB-1254	78.3		10.7	3.20	ppm
PCB-1260	<3.20		10.7	3.20	ppm

Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	78		20 - 150
Tetrachloro-m-xylene	134		19 - 147

## Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit
Barium	362		1.90	0.952	mg/Kg
Cadmium	16.9		0.952	0.0952	mg/Kg
Lead	23600		4.76	2.38	mg/Kg
Zinc	45000		476	238	mg/Kg
Chromium	854		0.952	0.857	mg/Kg

D	Prepared	Analyzed	Dil Fac
	06/10/16 12:06	06/18/16 03:12	50
	06/10/16 12:06	06/18/16 03:12	50
	06/10/16 12:06	06/18/16 03:12	50
	06/10/16 12:06	06/18/16 03:12	50
	06/10/16 12:06	06/18/16 03:12	50
	06/10/16 12:06	06/18/16 03:12	50
	06/10/16 12:06	06/18/16 03:12	50
	06/10/16 12:06	06/18/16 03:12	50
	Prepared	Analyzed	Dil Fac
	06/10/16 12:06	06/18/16 03:12	50
	06/10/16 12:06	06/18/16 03:12	50

D	Prepared	Analyzed	Dil Fac
	06/07/16 04:13	06/07/16 12:25	1
	06/07/16 04:13	06/07/16 12:25	1
	06/07/16 04:13	06/07/16 19:26	5
	06/07/16 04:13	06/08/16 13:43	50
	06/07/16 04:13	06/07/16 12:25	1

## Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

**Client Sample ID: CL-74**  
Date Collected: 06/02/16 01:25  
Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-29**  
Matrix: Paint Chips

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.13		20.4	6.13	ppm		06/10/16 12:06	06/18/16 03:26	100
PCB-1221	<6.13		20.4	6.13	ppm		06/10/16 12:06	06/18/16 03:26	100
PCB-1232	<12.3		20.4	12.3	ppm		06/10/16 12:06	06/18/16 03:26	100
PCB-1242	<6.13		20.4	6.13	ppm		06/10/16 12:06	06/18/16 03:26	100
PCB-1248	<6.13		20.4	6.13	ppm		06/10/16 12:06	06/18/16 03:26	100
<b>PCB-1254</b>	<b>145</b>		20.4	6.13	ppm		06/10/16 12:06	06/18/16 03:26	100
PCB-1260	<6.13		20.4	6.13	ppm		06/10/16 12:06	06/18/16 03:26	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	0	X	20 - 150				06/10/16 12:06	06/18/16 03:26	100
Tetrachloro-m-xylene	80		19 - 147				06/10/16 12:06	06/18/16 03:26	100

### Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	338		1.96	0.980	mg/Kg		06/07/16 04:13	06/07/16 12:30	1
Cadmium	16.4		0.980	0.0980	mg/Kg		06/07/16 04:13	06/07/16 12:30	1
Lead	4980		0.980	0.490	mg/Kg		06/07/16 04:13	06/07/16 12:30	1
Zinc	31900		196	98.0	mg/Kg		06/07/16 04:13	06/07/16 19:34	20
Chromium	841		0.980	0.882	mg/Kg		06/07/16 04:13	06/07/16 12:30	1



## Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

**Client Sample ID: CL-75**  
Date Collected: 06/02/16 01:30  
Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-30**  
Matrix: Paint Chips

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit
PCB-1016	<1.79		5.97	1.79	ppm
PCB-1221	<1.79		5.97	1.79	ppm
PCB-1232	<3.58		5.97	3.58	ppm
PCB-1242	<1.79		5.97	1.79	ppm
PCB-1248	<1.79		5.97	1.79	ppm
<b>PCB-1254</b>	<b>31.8</b>		5.97	1.79	ppm
PCB-1260	<1.79		5.97	1.79	ppm

D	Prepared	Analyzed	Dil Fac
	06/10/16 12:06	06/18/16 03:40	50
	06/10/16 12:06	06/18/16 03:40	50
	06/10/16 12:06	06/18/16 03:40	50
	06/10/16 12:06	06/18/16 03:40	50
	06/10/16 12:06	06/18/16 03:40	50
	06/10/16 12:06	06/18/16 03:40	50
	06/10/16 12:06	06/18/16 03:40	50

Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	56		20 - 150
Tetrachloro-m-xylene	0 X		19 - 147

	Prepared	Analyzed	Dil Fac
	06/10/16 12:06	06/18/16 03:40	50
	06/10/16 12:06	06/18/16 03:40	50

### Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit
Barium	253		1.96	0.982	mg/Kg
Cadmium	18.5		0.982	0.0982	mg/Kg
Lead	4270		0.982	0.491	mg/Kg
Zinc	10500		196	98.2	mg/Kg
Chromium	1550		0.982	0.884	mg/Kg

D	Prepared	Analyzed	Dil Fac
	06/07/16 04:13	06/07/16 12:34	1
	06/07/16 04:13	06/07/16 12:34	1
	06/07/16 04:13	06/07/16 12:34	1
	06/07/16 04:13	06/07/16 19:39	20
	06/07/16 04:13	06/07/16 12:34	1

# Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

**Client Sample ID: CL-76**  
Date Collected: 06/02/16 01:35  
Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-31**  
Matrix: Paint Chips

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit
PCB-1016	<3.60		12.0	3.60	ppm
PCB-1221	<3.60		12.0	3.60	ppm
PCB-1232	<7.19		12.0	7.19	ppm
PCB-1242	<3.60		12.0	3.60	ppm
PCB-1248	<3.60		12.0	3.60	ppm
PCB-1254	44.4		12.0	3.60	ppm
PCB-1260	<3.60		12.0	3.60	ppm

D	Prepared	Analyzed	Dil Fac
	06/10/16 12:06	06/18/16 03:54	50
	06/10/16 12:06	06/18/16 03:54	50
	06/10/16 12:06	06/18/16 03:54	50
	06/10/16 12:06	06/18/16 03:54	50
	06/10/16 12:06	06/18/16 03:54	50
	06/10/16 12:06	06/18/16 03:54	50
	06/10/16 12:06	06/18/16 03:54	50

Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	122		20 - 150
Tetrachloro-m-xylene	71		19 - 147

	Prepared	Analyzed	Dil Fac
	06/10/16 12:06	06/18/16 03:54	50
	06/10/16 12:06	06/18/16 03:54	50

## Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit
Barium	81.0		1.90	0.952	mg/Kg
Cadmium	3.79		0.952	0.0952	mg/Kg
Lead	912		0.952	0.476	mg/Kg
Zinc	4720		95.2	47.6	mg/Kg
Chromium	401		0.952	0.857	mg/Kg

D	Prepared	Analyzed	Dil Fac
	06/07/16 04:13	06/07/16 12:38	1
	06/07/16 04:13	06/07/16 12:38	1
	06/07/16 04:13	06/07/16 12:38	1
	06/07/16 04:13	06/07/16 19:43	10
	06/07/16 04:13	06/07/16 12:38	1

# Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-77**  
 Date Collected: 06/02/16 01:40  
 Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-32**  
 Matrix: Paint Chips

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit
PCB-1016	<1.51		5.02	1.51	ppm
PCB-1221	<1.51		5.02	1.51	ppm
PCB-1232	<3.02		5.02	3.02	ppm
PCB-1242	<1.51		5.02	1.51	ppm
PCB-1248	<1.51		5.02	1.51	ppm
PCB-1254	55.6		5.02	1.51	ppm
PCB-1260	<1.51		5.02	1.51	ppm

Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	148		20 - 150
Tetrachloro-m-xylene	87		19 - 147

## Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit
Barium	56.9		1.92	0.962	mg/Kg
Cadmium	3.73		0.962	0.0962	mg/Kg
Lead	7500		0.962	0.481	mg/Kg
Zinc	8450		192	96.2	mg/Kg
Chromium	2010		0.962	0.865	mg/Kg

D	Prepared	Analyzed	Dil Fac
	06/10/16 12:06	06/18/16 04:08	10
	06/10/16 12:06	06/18/16 04:08	10
	06/10/16 12:06	06/18/16 04:08	10
	06/10/16 12:06	06/18/16 04:08	10
	06/10/16 12:06	06/18/16 04:08	10
	06/10/16 12:06	06/18/16 04:08	10
	06/10/16 12:06	06/18/16 04:08	10
	06/10/16 12:06	06/18/16 04:08	10
	Prepared	Analyzed	Dil Fac
	06/10/16 12:06	06/18/16 04:08	10
	06/10/16 12:06	06/18/16 04:08	10

D	Prepared	Analyzed	Dil Fac
	06/07/16 04:13	06/07/16 12:43	1
	06/07/16 04:13	06/07/16 12:43	1
	06/07/16 04:13	06/07/16 12:43	1
	06/07/16 04:13	06/07/16 19:48	20
	06/07/16 04:13	06/07/16 12:43	1

## Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

**Client Sample ID: CL-78**  
Date Collected: 06/02/16 01:45  
Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-33**  
Matrix: Paint Chips

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<1.72		5.72	1.72	ppm		06/10/16 12:06	06/18/16 04:22	20
PCB-1221	<1.72		5.72	1.72	ppm		06/10/16 12:06	06/18/16 04:22	20
PCB-1232	<3.44		5.72	3.44	ppm		06/10/16 12:06	06/18/16 04:22	20
PCB-1242	<1.72		5.72	1.72	ppm		06/10/16 12:06	06/18/16 04:22	20
PCB-1248	<1.72		5.72	1.72	ppm		06/10/16 12:06	06/18/16 04:22	20
PCB-1254	43.0		5.72	1.72	ppm		06/10/16 12:06	06/18/16 04:22	20
PCB-1260	<1.72		5.72	1.72	ppm		06/10/16 12:06	06/18/16 04:22	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	119		20 - 150	06/10/16 12:06	06/18/16 04:22	20
Tetrachloro-m-xylene	78		19 - 147	06/10/16 12:06	06/18/16 04:22	20

### Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	536		1.95	0.973	mg/Kg		06/07/16 09:05	06/08/16 19:52	1
Cadmium	4.90		0.973	0.0973	mg/Kg		06/07/16 09:05	06/08/16 19:52	1
Lead	2160		0.973	0.486	mg/Kg		06/07/16 09:05	06/08/16 19:52	1
Zinc	8270		486	243	mg/Kg		06/07/16 09:05	06/09/16 20:52	50
Chromium	490		0.973	0.875	mg/Kg		06/07/16 09:05	06/08/16 19:52	1

# Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-79**  
 Date Collected: 06/02/16 01:50  
 Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-34**  
 Matrix: Paint Chips

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit
PCB-1016	<1.16		3.86	1.16	ppm
PCB-1221	<1.16		3.86	1.16	ppm
PCB-1232	<2.32		3.86	2.32	ppm
PCB-1242	<1.16		3.86	1.16	ppm
PCB-1248	<1.16		3.86	1.16	ppm
PCB-1254	37.9		3.86	1.16	ppm
PCB-1260	<1.16		3.86	1.16	ppm

D	Prepared	Analyzed	Dil Fac
	06/10/16 12:06	06/18/16 04:36	20
	06/10/16 12:06	06/18/16 04:36	20
	06/10/16 12:06	06/18/16 04:36	20
	06/10/16 12:06	06/18/16 04:36	20
	06/10/16 12:06	06/18/16 04:36	20
	06/10/16 12:06	06/18/16 04:36	20
	06/10/16 12:06	06/18/16 04:36	20

Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	147		20 - 150
Tetrachloro-m-xylene	103		19 - 147

	Prepared	Analyzed	Dil Fac
	06/10/16 12:06	06/18/16 04:36	20
	06/10/16 12:06	06/18/16 04:36	20

## Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit
Barium	141		1.99	0.994	mg/Kg
Cadmium	9.76		0.994	0.0994	mg/Kg
Lead	9430		0.994	0.497	mg/Kg
Zinc	18300		497	249	mg/Kg
Chromium	1060		0.994	0.895	mg/Kg

D	Prepared	Analyzed	Dil Fac
	06/07/16 09:05	06/08/16 19:56	1
	06/07/16 09:05	06/08/16 19:56	1
	06/07/16 09:05	06/08/16 19:56	1
	06/07/16 09:05	06/09/16 20:56	50
	06/07/16 09:05	06/08/16 19:56	1

## Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

**Client Sample ID: CL-80**  
Date Collected: 06/02/16 01:55  
Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-35**  
Matrix: Paint Chips

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<1.18		3.93	1.18	ppm		06/10/16 12:06	06/18/16 04:51	20
PCB-1221	<1.18		3.93	1.18	ppm		06/10/16 12:06	06/18/16 04:51	20
PCB-1232	<2.36		3.93	2.36	ppm		06/10/16 12:06	06/18/16 04:51	20
PCB-1242	<1.18		3.93	1.18	ppm		06/10/16 12:06	06/18/16 04:51	20
PCB-1248	<1.18		3.93	1.18	ppm		06/10/16 12:06	06/18/16 04:51	20
PCB-1254	32.5		3.93	1.18	ppm		06/10/16 12:06	06/18/16 04:51	20
PCB-1260	<1.18		3.93	1.18	ppm		06/10/16 12:06	06/18/16 04:51	20
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	132		20 - 150				06/10/16 12:06	06/18/16 04:51	20
Tetrachloro-m-xylene	100		19 - 147				06/10/16 12:06	06/18/16 04:51	20

### Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	204		1.93	0.967	mg/Kg		06/07/16 09:05	06/08/16 20:01	1
Cadmium	25.4		0.967	0.0967	mg/Kg		06/07/16 09:05	06/08/16 20:01	1
Lead	750		0.967	0.484	mg/Kg		06/07/16 09:05	06/08/16 20:01	1
Zinc	39900		484	242	mg/Kg		06/07/16 09:05	06/09/16 21:01	50
Chromium	558		0.967	0.870	mg/Kg		06/07/16 09:05	06/08/16 20:01	1

## Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

**Client Sample ID: CL-81**  
Date Collected: 06/02/16 02:00  
Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-36**  
Matrix: Paint Chips

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<1.57		5.24	1.57	ppm		06/10/16 12:06	06/18/16 05:05	20
PCB-1221	<1.57		5.24	1.57	ppm		06/10/16 12:06	06/18/16 05:05	20
PCB-1232	<3.15		5.24	3.15	ppm		06/10/16 12:06	06/18/16 05:05	20
PCB-1242	<1.57		5.24	1.57	ppm		06/10/16 12:06	06/18/16 05:05	20
PCB-1248	<1.57		5.24	1.57	ppm		06/10/16 12:06	06/18/16 05:05	20
PCB-1254	34.7		5.24	1.57	ppm		06/10/16 12:06	06/18/16 05:05	20
PCB-1260	<1.57		5.24	1.57	ppm		06/10/16 12:06	06/18/16 05:05	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	115		20 - 150	06/10/16 12:06	06/18/16 05:05	20
Tetrachloro-m-xylene	83		19 - 147	06/10/16 12:06	06/18/16 05:05	20

### Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	598		1.95	0.975	mg/Kg		06/07/16 09:05	06/08/16 20:05	1
Cadmium	2.01		0.975	0.0975	mg/Kg		06/07/16 09:05	06/08/16 20:05	1
Lead	2530		0.975	0.487	mg/Kg		06/07/16 09:05	06/08/16 20:05	1
Zinc	7000		487	244	mg/Kg		06/07/16 09:05	06/09/16 21:05	50
Chromium	282		0.975	0.877	mg/Kg		06/07/16 09:05	06/08/16 20:05	1

## Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

**Client Sample ID: CL-82**  
Date Collected: 06/02/16 02:05  
Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-37**  
Matrix: Paint Chips

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<2.82		9.39	2.82	ppm		06/10/16 12:06	06/18/16 05:19	50
PCB-1221	<2.82		9.39	2.82	ppm		06/10/16 12:06	06/18/16 05:19	50
PCB-1232	<5.64		9.39	5.64	ppm		06/10/16 12:06	06/18/16 05:19	50
PCB-1242	<2.82		9.39	2.82	ppm		06/10/16 12:06	06/18/16 05:19	50
PCB-1248	<2.82		9.39	2.82	ppm		06/10/16 12:06	06/18/16 05:19	50
PCB-1254	48.1		9.39	2.82	ppm		06/10/16 12:06	06/18/16 05:19	50
PCB-1260	<2.82		9.39	2.82	ppm		06/10/16 12:06	06/18/16 05:19	50
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	91		20 - 150				06/10/16 12:06	06/18/16 05:19	50
Tetrachloro-m-xylene	91		19 - 147				06/10/16 12:06	06/18/16 05:19	50

### Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	270		1.92	0.958	mg/Kg		06/07/16 09:05	06/08/16 20:09	1
Cadmium	24.7		0.958	0.0958	mg/Kg		06/07/16 09:05	06/08/16 20:09	1
Lead	1510		0.958	0.479	mg/Kg		06/07/16 09:05	06/08/16 20:09	1
Zinc	38700		479	239	mg/Kg		06/07/16 09:05	06/09/16 21:10	50
Chromium	844		0.958	0.862	mg/Kg		06/07/16 09:05	06/08/16 20:09	1



# Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-83**  
 Date Collected: 06/02/16 02:10  
 Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-38**  
 Matrix: Paint Chips

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<8.96		29.8	8.96	ppm		06/10/16 12:06	06/18/16 05:34	100
PCB-1221	<8.96		29.8	8.96	ppm		06/10/16 12:06	06/18/16 05:34	100
PCB-1232	<17.9		29.8	17.9	ppm		06/10/16 12:06	06/18/16 05:34	100
PCB-1242	<8.96		29.8	8.96	ppm		06/10/16 12:06	06/18/16 05:34	100
PCB-1248	<8.96		29.8	8.96	ppm		06/10/16 12:06	06/18/16 05:34	100
<b>PCB-1254</b>	<b>147</b>		29.8	8.96	ppm		06/10/16 12:06	06/18/16 05:34	100
PCB-1260	<8.96		29.8	8.96	ppm		06/10/16 12:06	06/18/16 05:34	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	0	X	20 - 150	06/10/16 12:06	06/18/16 05:34	100
Tetrachloro-m-xylene	7	pX	19 - 147	06/10/16 12:06	06/18/16 05:34	100

### Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	106		2.00	1.00	mg/Kg		06/07/16 09:05	06/08/16 20:13	1
Cadmium	6.26		1.00	0.100	mg/Kg		06/07/16 09:05	06/08/16 20:13	1
Lead	1960		1.00	0.500	mg/Kg		06/07/16 09:05	06/08/16 20:13	1
Zinc	19200		500	250	mg/Kg		06/07/16 09:05	06/09/16 21:15	50
Chromium	498		1.00	0.900	mg/Kg		06/07/16 09:05	06/08/16 20:13	1

## Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

**Client Sample ID: CL-84**

Date Collected: 06/02/16 02:15

Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-39**

Matrix: Paint Chips

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<7.04		23.5	7.04	ppm		06/10/16 12:06	06/18/16 05:48	100
PCB-1221	<7.04		23.5	7.04	ppm		06/10/16 12:06	06/18/16 05:48	100
PCB-1232	<14.1		23.5	14.1	ppm		06/10/16 12:06	06/18/16 05:48	100
PCB-1242	<7.04		23.5	7.04	ppm		06/10/16 12:06	06/18/16 05:48	100
PCB-1248	<7.04		23.5	7.04	ppm		06/10/16 12:06	06/18/16 05:48	100
<b>PCB-1254</b>	<b>193</b>		23.5	7.04	ppm		06/10/16 12:06	06/18/16 05:48	100
PCB-1260	<7.04		23.5	7.04	ppm		06/10/16 12:06	06/18/16 05:48	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	31	p	20 - 150	06/10/16 12:06	06/18/16 05:48	100
Tetrachloro-m-xylene	102	p	19 - 147	06/10/16 12:06	06/18/16 05:48	100

### Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	325		2.01	1.01	mg/Kg		06/07/16 09:05	06/08/16 20:27	1
Cadmium	11.3		1.01	0.101	mg/Kg		06/07/16 09:05	06/08/16 20:27	1
Lead	2250		1.01	0.503	mg/Kg		06/07/16 09:05	06/08/16 20:27	1
Zinc	23600		503	252	mg/Kg		06/07/16 09:05	06/09/16 21:28	50
Chromium	259		1.01	0.905	mg/Kg		06/07/16 09:05	06/08/16 20:27	1

## Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

**Client Sample ID: CL-85**  
Date Collected: 06/02/16 02:20  
Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-40**  
Matrix: Paint Chips

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<2.88		9.61	2.88	ppm		06/10/16 12:06	06/18/16 06:02	50
PCB-1221	<2.88		9.61	2.88	ppm		06/10/16 12:06	06/18/16 06:02	50
PCB-1232	<5.77		9.61	5.77	ppm		06/10/16 12:06	06/18/16 06:02	50
PCB-1242	<2.88		9.61	2.88	ppm		06/10/16 12:06	06/18/16 06:02	50
PCB-1248	<2.88		9.61	2.88	ppm		06/10/16 12:06	06/18/16 06:02	50
<b>PCB-1254</b>	<b>80.2</b>		9.61	2.88	ppm		06/10/16 12:06	06/18/16 06:02	50
PCB-1260	<2.88		9.61	2.88	ppm		06/10/16 12:06	06/18/16 06:02	50
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	138		20 - 150				06/10/16 12:06	06/18/16 06:02	50
Tetrachloro-m-xylene	8 pX		19 - 147				06/10/16 12:06	06/18/16 06:02	50

### Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	168		1.99	0.996	mg/Kg		06/07/16 09:05	06/08/16 20:31	1
Cadmium	9.82		0.996	0.0996	mg/Kg		06/07/16 09:05	06/08/16 20:31	1
Lead	3670		0.996	0.498	mg/Kg		06/07/16 09:05	06/08/16 20:31	1
Zinc	22500		498	249	mg/Kg		06/07/16 09:05	06/09/16 21:33	50
Chromium	344		0.996	0.896	mg/Kg		06/07/16 09:05	06/08/16 20:31	1

# Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

**Client Sample ID: CL-86**  
Date Collected: 06/02/16 02:25  
Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-41**  
Matrix: Paint Chips

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<11.0		36.7	11.0	ppm		06/10/16 12:06	06/18/16 06:16	100
PCB-1221	<11.0		36.7	11.0	ppm		06/10/16 12:06	06/18/16 06:16	100
PCB-1232	<22.1		36.7	22.1	ppm		06/10/16 12:06	06/18/16 06:16	100
PCB-1242	<11.0		36.7	11.0	ppm		06/10/16 12:06	06/18/16 06:16	100
PCB-1248	<11.0		36.7	11.0	ppm		06/10/16 12:06	06/18/16 06:16	100
PCB-1254	206		36.7	11.0	ppm		06/10/16 12:06	06/18/16 06:16	100
PCB-1260	<11.0		36.7	11.0	ppm		06/10/16 12:06	06/18/16 06:16	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	37	p	20 - 150	06/10/16 12:06	06/18/16 06:16	100
Tetrachloro-m-xylene	0	X	19 - 147	06/10/16 12:06	06/18/16 06:16	100

## Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	449		1.97	0.984	mg/Kg		06/07/16 09:05	06/08/16 20:35	1
Cadmium	18.5		0.984	0.0984	mg/Kg		06/07/16 09:05	06/08/16 20:35	1
Lead	2610		0.984	0.492	mg/Kg		06/07/16 09:05	06/08/16 20:35	1
Zinc	27200		492	246	mg/Kg		06/07/16 09:05	06/09/16 21:37	50
Chromium	440		0.984	0.886	mg/Kg		06/07/16 09:05	06/08/16 20:35	1

## Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

**Client Sample ID: CL-87**  
Date Collected: 06/02/16 02:30  
Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-42**  
Matrix: Paint Chips

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit
PCB-1016	<5.84		19.4	5.84	ppm
PCB-1221	<5.84		19.4	5.84	ppm
PCB-1232	<11.7		19.4	11.7	ppm
PCB-1242	<5.84		19.4	5.84	ppm
PCB-1248	<5.84		19.4	5.84	ppm
PCB-1254	173		19.4	5.84	ppm
PCB-1260	<5.84		19.4	5.84	ppm

D	Prepared	Analyzed	Dil Fac
	06/10/16 12:06	06/18/16 06:30	50
	06/10/16 12:06	06/18/16 06:30	50
	06/10/16 12:06	06/18/16 06:30	50
	06/10/16 12:06	06/18/16 06:30	50
	06/10/16 12:06	06/18/16 06:30	50
	06/10/16 12:06	06/18/16 06:30	50
	06/10/16 12:06	06/18/16 06:30	50

Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	115		20 - 150
Tetrachloro-m-xylene	123		19 - 147

Prepared	Analyzed	Dil Fac
06/10/16 12:06	06/18/16 06:30	50
06/10/16 12:06	06/18/16 06:30	50

### Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit
Barium	654		1.92	0.958	mg/Kg
Cadmium	15.6		0.958	0.0958	mg/Kg
Lead	2400		0.958	0.479	mg/Kg
Zinc	25700		479	239	mg/Kg
Chromium	530		0.958	0.862	mg/Kg

D	Prepared	Analyzed	Dil Fac
	06/07/16 09:05	06/08/16 20:40	1
	06/07/16 09:05	06/08/16 20:40	1
	06/07/16 09:05	06/08/16 20:40	1
	06/07/16 09:05	06/09/16 21:42	50
	06/07/16 09:05	06/08/16 20:40	1

# Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-88**  
 Date Collected: 06/02/16 02:35  
 Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-43**  
 Matrix: Paint Chips

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.577		1.92	0.577	ppm		06/10/16 12:32	06/17/16 16:26	5
PCB-1221	<0.577		1.92	0.577	ppm		06/10/16 12:32	06/17/16 16:26	5
PCB-1232	<1.15		1.92	1.15	ppm		06/10/16 12:32	06/17/16 16:26	5
PCB-1242	<0.577		1.92	0.577	ppm		06/10/16 12:32	06/17/16 16:26	5
PCB-1248	<0.577		1.92	0.577	ppm		06/10/16 12:32	06/17/16 16:26	5
PCB-1254	23.2		1.92	0.577	ppm		06/10/16 12:32	06/17/16 16:26	5
PCB-1260	<0.577		1.92	0.577	ppm		06/10/16 12:32	06/17/16 16:26	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	10	X	20 - 150	06/10/16 12:32	06/17/16 16:26	5
Tetrachloro-m-xylene	13	X	19 - 147	06/10/16 12:32	06/17/16 16:26	5

**Method: 6010C - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	846		2.00	0.998	mg/Kg		06/07/16 09:05	06/08/16 20:44	1
Cadmium	12.2		0.998	0.0998	mg/Kg		06/07/16 09:05	06/08/16 20:44	1
Lead	2160		0.998	0.499	mg/Kg		06/07/16 09:05	06/08/16 20:44	1
Zinc	25200		499	250	mg/Kg		06/07/16 09:05	06/09/16 21:46	50
Chromium	786		0.998	0.898	mg/Kg		06/07/16 09:05	06/08/16 20:44	1

## Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

**Client Sample ID: CL-89**

Date Collected: 06/02/16 02:40

Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-44**

Matrix: Paint Chips

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<1.27		4.22	1.27	ppm		06/10/16 12:32	06/17/16 16:40	20
PCB-1221	<1.27		4.22	1.27	ppm		06/10/16 12:32	06/17/16 16:40	20
PCB-1232	<2.53		4.22	2.53	ppm		06/10/16 12:32	06/17/16 16:40	20
PCB-1242	<1.27		4.22	1.27	ppm		06/10/16 12:32	06/17/16 16:40	20
PCB-1248	<1.27		4.22	1.27	ppm		06/10/16 12:32	06/17/16 16:40	20
PCB-1254	44.8		4.22	1.27	ppm		06/10/16 12:32	06/17/16 16:40	20
PCB-1260	<1.27		4.22	1.27	ppm		06/10/16 12:32	06/17/16 16:40	20
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	363	X	20 - 150				06/10/16 12:32	06/17/16 16:40	20
Tetrachloro-m-xylene	71	p	19 - 147				06/10/16 12:32	06/17/16 16:40	20

### Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	155		1.92	0.962	mg/Kg		06/07/16 09:05	06/08/16 20:48	1
Cadmium	8.00		0.962	0.0962	mg/Kg		06/07/16 09:05	06/08/16 20:48	1
Lead	9500		1.92	0.962	mg/Kg		06/07/16 09:05	06/09/16 21:50	2
Zinc	20000		481	240	mg/Kg		06/07/16 09:05	06/09/16 21:55	50
Chromium	172		0.962	0.865	mg/Kg		06/07/16 09:05	06/08/16 20:48	1

# Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

**Client Sample ID: CL-90**

Date Collected: 06/02/16 02:45

Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-45**

Matrix: Paint Chips

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit
PCB-1016	<0.871		2.90	0.871	ppm
PCB-1221	<0.871		2.90	0.871	ppm
PCB-1232	<1.74		2.90	1.74	ppm
PCB-1242	<0.871		2.90	0.871	ppm
PCB-1248	<0.871		2.90	0.871	ppm
PCB-1254	24.6		2.90	0.871	ppm
PCB-1260	<0.871		2.90	0.871	ppm

D	Prepared	Analyzed	Dil Fac
	06/10/16 12:32	06/17/16 16:55	20
	06/10/16 12:32	06/17/16 16:55	20
	06/10/16 12:32	06/17/16 16:55	20
	06/10/16 12:32	06/17/16 16:55	20
	06/10/16 12:32	06/17/16 16:55	20
	06/10/16 12:32	06/17/16 16:55	20
	06/10/16 12:32	06/17/16 16:55	20

Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	169	X	20 - 150
Tetrachloro-m-xylene	155	X	19 - 147

	Prepared	Analyzed	Dil Fac
	06/10/16 12:32	06/17/16 16:55	20
	06/10/16 12:32	06/17/16 16:55	20

**Method: 6010C - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit
Barium	164		1.92	0.962	mg/Kg
Cadmium	8.71		0.962	0.0962	mg/Kg
Lead	13400		1.92	0.962	mg/Kg
Zinc	17300		481	240	mg/Kg
Chromium	86.2		0.962	0.865	mg/Kg

D	Prepared	Analyzed	Dil Fac
	06/07/16 09:05	06/08/16 20:53	1
	06/07/16 09:05	06/08/16 20:53	1
	06/07/16 09:05	06/09/16 21:59	2
	06/07/16 09:05	06/09/16 22:04	50
	06/07/16 09:05	06/08/16 20:53	1



# Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-91**  
 Date Collected: 06/02/16 02:50  
 Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-46**  
 Matrix: Paint Chips

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit
PCB-1016	<3.37		11.2	3.37	ppm
PCB-1221	<3.37		11.2	3.37	ppm
PCB-1232	<6.73		11.2	6.73	ppm
PCB-1242	<3.37		11.2	3.37	ppm
PCB-1248	<3.37		11.2	3.37	ppm
PCB-1254	121		11.2	3.37	ppm
PCB-1260	<3.37		11.2	3.37	ppm

D	Prepared	Analyzed	Dil Fac
	06/10/16 12:32	06/17/16 17:09	100
	06/10/16 12:32	06/17/16 17:09	100
	06/10/16 12:32	06/17/16 17:09	100
	06/10/16 12:32	06/17/16 17:09	100
	06/10/16 12:32	06/17/16 17:09	100
	06/10/16 12:32	06/17/16 17:09	100
	06/10/16 12:32	06/17/16 17:09	100

Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	81	p	20 - 150
Tetrachloro-m-xylene	67		19 - 147

	Prepared	Analyzed	Dil Fac
	06/10/16 12:32	06/17/16 17:09	100
	06/10/16 12:32	06/17/16 17:09	100

**Method: 6010C - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit
Barium	61.5		1.95	0.977	mg/Kg
Cadmium	7.11		0.977	0.0977	mg/Kg
Lead	2810		0.977	0.488	mg/Kg
Zinc	21700		488	244	mg/Kg
Chromium	444		0.977	0.879	mg/Kg

D	Prepared	Analyzed	Dil Fac
	06/07/16 09:05	06/08/16 20:57	1
	06/07/16 09:05	06/08/16 20:57	1
	06/07/16 09:05	06/08/16 20:57	1
	06/07/16 09:05	06/09/16 22:08	50
	06/07/16 09:05	06/08/16 20:57	1

## Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

**Client Sample ID: CL-92**  
Date Collected: 06/02/16 02:55  
Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-47**  
Matrix: Paint Chips

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<3.60		12.0	3.60	ppm		06/10/16 12:32	06/17/16 17:24	100
PCB-1221	<3.60		12.0	3.60	ppm		06/10/16 12:32	06/17/16 17:24	100
PCB-1232	<7.20		12.0	7.20	ppm		06/10/16 12:32	06/17/16 17:24	100
PCB-1242	<3.60		12.0	3.60	ppm		06/10/16 12:32	06/17/16 17:24	100
PCB-1248	<3.60		12.0	3.60	ppm		06/10/16 12:32	06/17/16 17:24	100
PCB-1254	166		12.0	3.60	ppm		06/10/16 12:32	06/17/16 17:24	100
PCB-1260	<3.60		12.0	3.60	ppm		06/10/16 12:32	06/17/16 17:24	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	225	X	20 - 150	06/10/16 12:32	06/17/16 17:24	100
Tetrachloro-m-xylene	0	X	19 - 147	06/10/16 12:32	06/17/16 17:24	100

### Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	1360		1.98	0.988	mg/Kg		06/07/16 09:05	06/08/16 21:01	1
Cadmium	22.0		0.988	0.0988	mg/Kg		06/07/16 09:05	06/08/16 21:01	1
Lead	2580		0.988	0.494	mg/Kg		06/07/16 09:05	06/08/16 21:01	1
Zinc	30400		494	247	mg/Kg		06/07/16 09:05	06/09/16 22:21	50
Chromium	584		0.988	0.889	mg/Kg		06/07/16 09:05	06/08/16 21:01	1

## Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

**Client Sample ID: CL-93**  
Date Collected: 06/02/16 03:00  
Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-48**  
Matrix: Paint Chips

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<4.05		13.5	4.05	ppm		06/10/16 12:32	06/17/16 17:38	100
PCB-1221	<4.05		13.5	4.05	ppm		06/10/16 12:32	06/17/16 17:38	100
PCB-1232	<8.10		13.5	8.10	ppm		06/10/16 12:32	06/17/16 17:38	100
PCB-1242	<4.05		13.5	4.05	ppm		06/10/16 12:32	06/17/16 17:38	100
PCB-1248	<4.05		13.5	4.05	ppm		06/10/16 12:32	06/17/16 17:38	100
PCB-1254	118		13.5	4.05	ppm		06/10/16 12:32	06/17/16 17:38	100
PCB-1260	<4.05		13.5	4.05	ppm		06/10/16 12:32	06/17/16 17:38	100
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	0	X	20 - 150				06/10/16 12:32	06/17/16 17:38	100
Tetrachloro-m-xylene	0	X	19 - 147				06/10/16 12:32	06/17/16 17:38	100

### Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	81.0		2.00	0.998	mg/Kg		06/07/16 09:05	06/08/16 21:06	1
Cadmium	10.7		0.998	0.0998	mg/Kg		06/07/16 09:05	06/08/16 21:06	1
Lead	2920		0.998	0.499	mg/Kg		06/07/16 09:05	06/08/16 21:06	1
Zinc	24000		499	250	mg/Kg		06/07/16 09:05	06/09/16 22:25	50
Chromium	1210		0.998	0.898	mg/Kg		06/07/16 09:05	06/08/16 21:06	1

# Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-94**  
 Date Collected: 06/02/16 03:05  
 Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-49**  
 Matrix: Paint Chips

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit
PCB-1016	<3.41		11.4	3.41	ppm
PCB-1221	<3.41		11.4	3.41	ppm
PCB-1232	<6.83		11.4	6.83	ppm
PCB-1242	<3.41		11.4	3.41	ppm
PCB-1248	<3.41		11.4	3.41	ppm
PCB-1254	193		11.4	3.41	ppm
PCB-1260	<3.41		11.4	3.41	ppm

D	Prepared	Analyzed	Dil Fac
	06/10/16 12:32	06/17/16 17:52	100
	06/10/16 12:32	06/17/16 17:52	100
	06/10/16 12:32	06/17/16 17:52	100
	06/10/16 12:32	06/17/16 17:52	100
	06/10/16 12:32	06/17/16 17:52	100
	06/10/16 12:32	06/17/16 17:52	100
	06/10/16 12:32	06/17/16 17:52	100

Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	47	p	20 - 150
Tetrachloro-m-xylene	0	X	19 - 147

	Prepared	Analyzed	Dil Fac
	06/10/16 12:32	06/17/16 17:52	100
	06/10/16 12:32	06/17/16 17:52	100

## Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit
Barium	63.3		1.99	0.996	mg/Kg
Cadmium	7.21		0.996	0.0996	mg/Kg
Lead	2910		0.996	0.498	mg/Kg
Zinc	20500		498	249	mg/Kg
Chromium	550		0.996	0.896	mg/Kg

D	Prepared	Analyzed	Dil Fac
	06/07/16 09:05	06/08/16 21:20	1
	06/07/16 09:05	06/08/16 21:20	1
	06/07/16 09:05	06/08/16 21:20	1
	06/07/16 09:05	06/09/16 22:29	50
	06/07/16 09:05	06/08/16 21:20	1

# Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-95**  
 Date Collected: 06/02/16 03:10  
 Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-50**  
 Matrix: Paint Chips

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit
PCB-1016	<4.70		15.7	4.70	ppm
PCB-1221	<4.70		15.7	4.70	ppm
PCB-1232	<9.40		15.7	9.40	ppm
PCB-1242	<4.70		15.7	4.70	ppm
PCB-1248	<4.70		15.7	4.70	ppm
<b>PCB-1254</b>	<b>114</b>		15.7	4.70	ppm
PCB-1260	<4.70		15.7	4.70	ppm

Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	0	X	20 - 150
Tetrachloro-m-xylene	0	X	19 - 147

## Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit
Barium	97.9		1.97	0.986	mg/Kg
Cadmium	6.04		0.986	0.0986	mg/Kg
Lead	2460		0.986	0.493	mg/Kg
Zinc	16400		493	247	mg/Kg
Chromium	479		0.986	0.888	mg/Kg

D	Prepared	Analyzed	Dil Fac
	06/10/16 12:32	06/17/16 18:06	100
	06/10/16 12:32	06/17/16 18:06	100
	06/10/16 12:32	06/17/16 18:06	100
	06/10/16 12:32	06/17/16 18:06	100
	06/10/16 12:32	06/17/16 18:06	100
	06/10/16 12:32	06/17/16 18:06	100
	06/10/16 12:32	06/17/16 18:06	100
	Prepared	Analyzed	Dil Fac
	06/10/16 12:32	06/17/16 18:06	100
	06/10/16 12:32	06/17/16 18:06	100

D	Prepared	Analyzed	Dil Fac
	06/07/16 10:29	06/09/16 16:34	1
	06/07/16 10:29	06/09/16 16:34	1
	06/07/16 10:29	06/09/16 16:34	1
	06/07/16 10:29	06/10/16 18:16	50
	06/07/16 10:29	06/09/16 16:34	1

# Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

**Client Sample ID: CL-96**  
Date Collected: 06/02/16 03:15  
Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-51**  
Matrix: Paint Chips

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.65		22.2	6.65	ppm		06/10/16 12:32	06/17/16 18:20	100
PCB-1221	<6.65		22.2	6.65	ppm		06/10/16 12:32	06/17/16 18:20	100
PCB-1232	<13.3		22.2	13.3	ppm		06/10/16 12:32	06/17/16 18:20	100
PCB-1242	<6.65		22.2	6.65	ppm		06/10/16 12:32	06/17/16 18:20	100
PCB-1248	<6.65		22.2	6.65	ppm		06/10/16 12:32	06/17/16 18:20	100
<b>PCB-1254</b>	<b>266</b>		22.2	6.65	ppm		06/10/16 12:32	06/17/16 18:20	100
PCB-1260	<6.65		22.2	6.65	ppm		06/10/16 12:32	06/17/16 18:20	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	15	p X	20 - 150	06/10/16 12:32	06/17/16 18:20	100
Tetrachloro-m-xylene	0	X	19 - 147	06/10/16 12:32	06/17/16 18:20	100

## Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	70.0		1.99	0.996	mg/Kg		06/07/16 10:29	06/09/16 16:39	1
Cadmium	5.20		0.996	0.0996	mg/Kg		06/07/16 10:29	06/09/16 16:39	1
Lead	1600		0.996	0.498	mg/Kg		06/07/16 10:29	06/09/16 16:39	1
Zinc	16800		498	249	mg/Kg		06/07/16 10:29	06/10/16 18:21	50
Chromium	398		0.996	0.896	mg/Kg		06/07/16 10:29	06/09/16 16:39	1

# Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

**Client Sample ID: CL-97**

Date Collected: 06/02/16 03:20

Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-52**

Matrix: Paint Chips

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.49		21.6	6.49	ppm		06/10/16 12:32	06/17/16 18:35	100
PCB-1221	<6.49		21.6	6.49	ppm		06/10/16 12:32	06/17/16 18:35	100
PCB-1232	<13.0		21.6	13.0	ppm		06/10/16 12:32	06/17/16 18:35	100
PCB-1242	<6.49		21.6	6.49	ppm		06/10/16 12:32	06/17/16 18:35	100
PCB-1248	<6.49		21.6	6.49	ppm		06/10/16 12:32	06/17/16 18:35	100
PCB-1254	200		21.6	6.49	ppm		06/10/16 12:32	06/17/16 18:35	100
PCB-1260	<6.49		21.6	6.49	ppm		06/10/16 12:32	06/17/16 18:35	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	34	P	20 - 150	06/10/16 12:32	06/17/16 18:35	100
Tetrachloro-m-xylene	0	X	19 - 147	06/10/16 12:32	06/17/16 18:35	100

## Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	145		1.93	0.967	mg/Kg		06/07/16 10:29	06/09/16 16:43	1
Cadmium	6.87		0.967	0.0967	mg/Kg		06/07/16 10:29	06/09/16 16:43	1
Lead	2880		0.967	0.484	mg/Kg		06/07/16 10:29	06/09/16 16:43	1
Zinc	23600		484	242	mg/Kg		06/07/16 10:29	06/10/16 18:25	50
Chromium	386		0.967	0.870	mg/Kg		06/07/16 10:29	06/09/16 16:43	1

## Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

**Client Sample ID: CL-98**  
Date Collected: 06/02/16 03:25  
Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-53**  
Matrix: Paint Chips

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<3.78		12.6	3.78	ppm		06/10/16 12:32	06/17/16 18:50	100
PCB-1221	<3.78		12.6	3.78	ppm		06/10/16 12:32	06/17/16 18:50	100
PCB-1232	<7.56		12.6	7.56	ppm		06/10/16 12:32	06/17/16 18:50	100
PCB-1242	<3.78		12.6	3.78	ppm		06/10/16 12:32	06/17/16 18:50	100
PCB-1248	<3.78		12.6	3.78	ppm		06/10/16 12:32	06/17/16 18:50	100
PCB-1254	134		12.6	3.78	ppm		06/10/16 12:32	06/17/16 18:50	100
PCB-1260	<3.78		12.6	3.78	ppm		06/10/16 12:32	06/17/16 18:50	100
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	0	X	20 - 150				06/10/16 12:32	06/17/16 18:50	100
Tetrachloro-m-xylene	0	X	19 - 147				06/10/16 12:32	06/17/16 18:50	100

### Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	124		1.92	0.958	mg/Kg		06/07/16 10:29	06/09/16 16:47	1
Cadmium	6.97		0.958	0.0958	mg/Kg		06/07/16 10:29	06/09/16 16:47	1
Lead	2860		0.958	0.479	mg/Kg		06/07/16 10:29	06/09/16 16:47	1
Zinc	17600		479	239	mg/Kg		06/07/16 10:29	06/10/16 18:30	50
Chromium	433		0.958	0.862	mg/Kg		06/07/16 10:29	06/09/16 16:47	1



# QC Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 490-346829/1-A  
Matrix: Solid  
Analysis Batch: 348628

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 346829

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	<0.0100		0.0333	0.0100	ppm		06/10/16 11:13	06/18/16 01:03	1
PCB-1221	<0.0100		0.0333	0.0100	ppm		06/10/16 11:13	06/18/16 01:03	1
PCB-1232	<0.0200		0.0333	0.0200	ppm		06/10/16 11:13	06/18/16 01:03	1
PCB-1242	<0.0100		0.0333	0.0100	ppm		06/10/16 11:13	06/18/16 01:03	1
PCB-1248	<0.0100		0.0333	0.0100	ppm		06/10/16 11:13	06/18/16 01:03	1
PCB-1254	<0.0100		0.0333	0.0100	ppm		06/10/16 11:13	06/18/16 01:03	1
PCB-1260	<0.0100		0.0333	0.0100	ppm		06/10/16 11:13	06/18/16 01:03	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl (Surr)	128		20 - 150	06/10/16 11:13	06/18/16 01:03	1
Tetrachloro-m-xylene	111		19 - 147	06/10/16 11:13	06/18/16 01:03	1

Lab Sample ID: LCS 490-346829/2-A  
Matrix: Solid  
Analysis Batch: 348628

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 346829

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
PCB-1016	0.167	0.1769		ppm		106	65 - 125
PCB-1260	0.167	0.1985		ppm		119	52 - 150

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl (Surr)	128		20 - 150
Tetrachloro-m-xylene	98		19 - 147

Lab Sample ID: 490-104994-A-2-B MS  
Matrix: Solid  
Analysis Batch: 348628

Client Sample ID: Matrix Spike  
Prep Type: Total/NA  
Prep Batch: 346829

Analyte	Sample		Spike Added	MS MS		Unit	D	%Rec	Limits
	Result	Qualifier		Result	Qualifier				
PCB-1016	<0.00979		0.166	0.1524		ppm		92	42 - 140
PCB-1260	<0.00979		0.166	0.1652		ppm		100	37 - 159

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl (Surr)	106		20 - 150
Tetrachloro-m-xylene	82		19 - 147

Lab Sample ID: 490-104994-A-2-C MSD  
Matrix: Solid  
Analysis Batch: 348628

Client Sample ID: Matrix Spike Duplicate  
Prep Type: Total/NA  
Prep Batch: 346829

Analyte	Sample		Spike Added	MSD MSD		Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier		Result	Qualifier						
PCB-1016	<0.00979		0.165	0.1609		ppm		98	42 - 140	5	50
PCB-1260	<0.00979		0.165	0.1758		ppm		107	37 - 159	6	50

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl (Surr)	113		20 - 150
Tetrachloro-m-xylene	90		19 - 147

TestAmerica Nashville

# QC Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

Lab Sample ID: MB 490-346885/1-A  
Matrix: Solid  
Analysis Batch: 348545

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 346885

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	<0.0100		0.0333	0.0100	ppm		06/10/16 12:32	06/17/16 15:57	1
PCB-1221	<0.0100		0.0333	0.0100	ppm		06/10/16 12:32	06/17/16 15:57	1
PCB-1232	<0.0200		0.0333	0.0200	ppm		06/10/16 12:32	06/17/16 15:57	1
PCB-1242	<0.0100		0.0333	0.0100	ppm		06/10/16 12:32	06/17/16 15:57	1
PCB-1248	<0.0100		0.0333	0.0100	ppm		06/10/16 12:32	06/17/16 15:57	1
PCB-1254	<0.0100		0.0333	0.0100	ppm		06/10/16 12:32	06/17/16 15:57	1
PCB-1260	<0.0100		0.0333	0.0100	ppm		06/10/16 12:32	06/17/16 15:57	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl (Surr)	118		20 - 150	06/10/16 12:32	06/17/16 15:57	1
Tetrachloro-m-xylene	101		19 - 147	06/10/16 12:32	06/17/16 15:57	1

Lab Sample ID: LCS 490-346885/2-A  
Matrix: Solid  
Analysis Batch: 348545

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 346885

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
PCB-1016	0.167	0.1623		ppm		97	65 - 125
PCB-1260	0.167	0.1744		ppm		105	52 - 150

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl (Surr)	106		20 - 150
Tetrachloro-m-xylene	94		19 - 147

Lab Sample ID: 490-104932-D-1-D MS  
Matrix: Solid  
Analysis Batch: 348545

Client Sample ID: Matrix Spike  
Prep Type: Total/NA  
Prep Batch: 346885

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	Limits
				Result	Qualifier				
PCB-1016	<0.00823	F1	0.166	0.1590	p	ppm		96	42 - 140
PCB-1260	<0.00823	F1	0.166	0.1772	p	ppm		107	37 - 159

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl (Surr)	102	p	20 - 150
Tetrachloro-m-xylene	91	p	19 - 147

Lab Sample ID: 490-104932-D-1-E MSD  
Matrix: Solid  
Analysis Batch: 348545

Client Sample ID: Matrix Spike Duplicate  
Prep Type: Total/NA  
Prep Batch: 346885

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD MSD		Unit	D	%Rec	Limits	RPD	
				Result	Qualifier					RPD	Limit
PCB-1016	<0.00823	F1	0.166	0.1458		ppm		88	42 - 140	9	50
PCB-1260	<0.00823	F1	0.166	0.1683		ppm		101	37 - 159	5	50

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl (Surr)	95		20 - 150
Tetrachloro-m-xylene	84		19 - 147

TestAmerica Nashville

# QC Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 490-347018/1-A  
Matrix: Wipe  
Analysis Batch: 347615

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 347018

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/14/16 23:26	1
PCB-1221	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/14/16 23:26	1
PCB-1232	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/14/16 23:26	1
PCB-1242	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/14/16 23:26	1
PCB-1248	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/14/16 23:26	1
PCB-1254	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/14/16 23:26	1
PCB-1260	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:11	06/14/16 23:26	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl (Surr)	127		20 - 150	06/11/16 08:11	06/14/16 23:26	1
Tetrachloro-m-xylene	102		19 - 147	06/11/16 08:11	06/14/16 23:26	1

Lab Sample ID: LCS 490-347018/2-A  
Matrix: Wipe  
Analysis Batch: 347615

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 347018

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
PCB-1248	0.00500	0.004287		mg/sample		86	45 - 149

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl (Surr)	101		20 - 150
Tetrachloro-m-xylene	82		19 - 147

Lab Sample ID: MB 490-347019/1-A  
Matrix: Wipe  
Analysis Batch: 349145

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 347019

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:20	06/21/16 11:14	1
PCB-1221	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:20	06/21/16 11:14	1
PCB-1232	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:20	06/21/16 11:14	1
PCB-1242	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:20	06/21/16 11:14	1
PCB-1248	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:20	06/21/16 11:14	1
PCB-1254	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:20	06/21/16 11:14	1
PCB-1260	<0.000500		0.000500	0.000500	mg/sample		06/11/16 08:20	06/21/16 11:14	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl (Surr)	146		20 - 150	06/11/16 08:20	06/21/16 11:14	1
Tetrachloro-m-xylene	118		19 - 147	06/11/16 08:20	06/21/16 11:14	1

Lab Sample ID: LCS 490-347019/2-A  
Matrix: Wipe  
Analysis Batch: 349145

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 347019

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
PCB-1248	0.00500	0.006286		mg/sample		126	45 - 149

TestAmerica Nashville

# QC Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 490-347019/2-A  
Matrix: Wipe  
Analysis Batch: 349145

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 347019

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	143		20 - 150
Tetrachloro-m-xylene	116		19 - 147

## Method: 6010C - Metals (ICP)

Lab Sample ID: MB 490-345697/1-A  
Matrix: Solid  
Analysis Batch: 345943

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 345697

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	<1.00		2.01	1.00	mg/Kg		06/07/16 04:13	06/07/16 10:30	1
Cadmium	<0.100		1.00	0.100	mg/Kg		06/07/16 04:13	06/07/16 10:30	1
Lead	<0.502		1.00	0.502	mg/Kg		06/07/16 04:13	06/07/16 10:30	1
Zinc	<5.02		10.0	5.02	mg/Kg		06/07/16 04:13	06/07/16 10:30	1
Chromium	<0.904		1.00	0.904	mg/Kg		06/07/16 04:13	06/07/16 10:30	1

Lab Sample ID: LCS 490-345697/2-A  
Matrix: Solid  
Analysis Batch: 345943

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 345697

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Barium	800	815.8		mg/Kg		102	80 - 120
Cadmium	20.0	19.60		mg/Kg		98	80 - 120
Lead	20.0	19.92		mg/Kg		100	80 - 120
Zinc	200	197.0		mg/Kg		99	80 - 120
Chromium	80.0	81.96		mg/Kg		102	80 - 120

Lab Sample ID: 490-104963-E-1-B MS  
Matrix: Solid  
Analysis Batch: 345943

Client Sample ID: Matrix Spike  
Prep Type: Total/NA  
Prep Batch: 345697

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Barium	68.8		794	839.9		mg/Kg		97	75 - 125
Cadmium	0.414	J	19.8	18.99		mg/Kg		94	75 - 125
Lead	40.5	F1	19.8	54.52	F1	mg/Kg		71	75 - 125
Zinc	467		198	639.1		mg/Kg		87	75 - 125
Chromium	11.1		79.4	89.38		mg/Kg		99	75 - 125

Lab Sample ID: 490-104963-E-1-C MSD  
Matrix: Solid  
Analysis Batch: 345943

Client Sample ID: Matrix Spike Duplicate  
Prep Type: Total/NA  
Prep Batch: 345697

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Barium	68.8		774	816.8		mg/Kg		97	75 - 125	3	20
Cadmium	0.414	J	19.3	18.30		mg/Kg		92	75 - 125	4	20
Lead	40.5	F1	19.3	50.91	F1	mg/Kg		54	75 - 125	7	20
Zinc	467		193	638.7		mg/Kg		89	75 - 125	0	20
Chromium	11.1		77.4	86.75		mg/Kg		98	75 - 125	3	20

TestAmerica Nashville

# QC Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

## Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: MB 490-345727/1-A  
Matrix: Solid  
Analysis Batch: 346397

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 345727

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	Result	Qualifier	1.99	0.996	mg/Kg		06/07/16 09:05	06/08/16 19:00	1
Cadmium	<0.0996		0.996	0.0996	mg/Kg		06/07/16 09:05	06/08/16 19:00	1
Lead	<0.498		0.996	0.498	mg/Kg		06/07/16 09:05	06/08/16 19:00	1
Zinc	<4.98		9.96	4.98	mg/Kg		06/07/16 09:05	06/08/16 19:00	1
Chromium	<0.896		0.996	0.896	mg/Kg		06/07/16 09:05	06/08/16 19:00	1

Lab Sample ID: LCS 490-345727/2-A  
Matrix: Solid  
Analysis Batch: 346397

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 345727

Analyte	Spike	LCS	LCS	Unit	D	%Rec	Limits
Barium	Added	Result	Qualifier	mg/Kg		100	80 - 120
Cadmium	19.9	19.64		mg/Kg		99	80 - 120
Lead	19.9	20.30		mg/Kg		102	80 - 120
Zinc	199	197.6		mg/Kg		99	80 - 120
Chromium	79.5	82.62		mg/Kg		104	80 - 120

Lab Sample ID: 490-104745-A-1-B MS  
Matrix: Solid  
Analysis Batch: 346397

Client Sample ID: Matrix Spike  
Prep Type: Total/NA  
Prep Batch: 345727

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits
Barium	Result	Qualifier	Added	Result	Qualifier	mg/Kg		99	75 - 125
Lead	71.7		77.4	834.0		mg/Kg		112	75 - 125
Zinc	15.3		19.3	36.87		mg/Kg		106	75 - 125
Chromium	32.4		77.4	237.5		mg/Kg		102	75 - 125

Lab Sample ID: 490-104745-A-1-B MS ^5  
Matrix: Solid  
Analysis Batch: 346737

Client Sample ID: Matrix Spike  
Prep Type: Total/NA  
Prep Batch: 345727

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits
Cadmium	Result	Qualifier	Added	Result	Qualifier	mg/Kg		100	75 - 125
	<0.496		19.3	19.34		mg/Kg			

Lab Sample ID: 490-104745-A-1-C MSD  
Matrix: Solid  
Analysis Batch: 346397

Client Sample ID: Matrix Spike Duplicate  
Prep Type: Total/NA  
Prep Batch: 345727

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	Limit
Barium	Result	Qualifier	Added	Result	Qualifier	mg/Kg		96	75 - 125	0	20
Lead	71.7		78.7	830.5		mg/Kg		85	75 - 125	14	20
Zinc	15.3		19.7	31.95		mg/Kg		97	75 - 125	6	20
Chromium	32.4		78.7	223.8		mg/Kg		97	75 - 125	3	20

# QC Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

## Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 490-104745-A-1-C MSD ^5  
Matrix: Solid  
Analysis Batch: 346737

Client Sample ID: Matrix Spike Duplicate  
Prep Type: Total/NA  
Prep Batch: 345727  
%Rec. RPD

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Cadmium	<0.496		19.7	19.09		mg/Kg		97	75 - 125	1	20

Lab Sample ID: MB 490-345809/1-A  
Matrix: Solid  
Analysis Batch: 346739

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 345809

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Barium	<0.956		1.91	0.956	mg/Kg		06/07/16 10:29	06/09/16 14:39		1
Cadmium	<0.0956		0.956	0.0956	mg/Kg		06/07/16 10:29	06/09/16 14:39		1
Lead	<0.478		0.956	0.478	mg/Kg		06/07/16 10:29	06/09/16 14:39		1
Zinc	<4.78		9.56	4.78	mg/Kg		06/07/16 10:29	06/09/16 14:39		1
Chromium	<0.860		0.956	0.860	mg/Kg		06/07/16 10:29	06/09/16 14:39		1

Lab Sample ID: LCS 490-345809/2-A  
Matrix: Solid  
Analysis Batch: 346739

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 345809  
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Barium	805	783.1		mg/Kg		97	80 - 120
Cadmium	20.1	19.28		mg/Kg		96	80 - 120
Lead	20.1	19.15		mg/Kg		95	80 - 120
Zinc	201	192.2		mg/Kg		96	80 - 120
Chromium	80.5	81.37		mg/Kg		101	80 - 120

Lab Sample ID: 490-104968-A-1-B MS  
Matrix: Solid  
Analysis Batch: 346739

Client Sample ID: Matrix Spike  
Prep Type: Total/NA  
Prep Batch: 345809  
%Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Barium	43.5		798	814.0		mg/Kg		97	75 - 125
Cadmium	0.520	J	20.0	19.74		mg/Kg		96	75 - 125
Lead	3.82		20.0	24.41		mg/Kg		103	75 - 125
Zinc	14.4		200	209.6		mg/Kg		98	75 - 125
Chromium	34.3	F1 F2	79.8	106.7		mg/Kg		91	75 - 125

Lab Sample ID: 490-104968-A-1-C MSD  
Matrix: Solid  
Analysis Batch: 346739

Client Sample ID: Matrix Spike Duplicate  
Prep Type: Total/NA  
Prep Batch: 345809  
%Rec. RPD

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Barium	43.5		783	818.4		mg/Kg		99	75 - 125	1	20
Cadmium	0.520	J	19.6	19.65		mg/Kg		98	75 - 125	0	20
Lead	3.82		19.6	26.40		mg/Kg		115	75 - 125	8	20
Zinc	14.4		196	206.1		mg/Kg		98	75 - 125	2	20
Chromium	34.3	F1 F2	78.3	157.1	F1 F2	mg/Kg		157	75 - 125	38	20

TestAmerica Nashville

# QC Association Summary

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

## GC Semi VOA

### Prep Batch: 346829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-104957-24	CL-69	Total/NA	Paint Chips	3550C	
490-104957-25	CL-70	Total/NA	Paint Chips	3550C	
490-104957-26	CL-71	Total/NA	Paint Chips	3550C	
490-104957-27	CL-72	Total/NA	Paint Chips	3550C	
490-104957-28	CL-73	Total/NA	Paint Chips	3550C	
490-104957-29	CL-74	Total/NA	Paint Chips	3550C	
490-104957-30	CL-75	Total/NA	Paint Chips	3550C	
490-104957-31	CL-76	Total/NA	Paint Chips	3550C	
490-104957-32	CL-77	Total/NA	Paint Chips	3550C	
490-104957-33	CL-78	Total/NA	Paint Chips	3550C	
490-104957-34	CL-79	Total/NA	Paint Chips	3550C	
490-104957-35	CL-80	Total/NA	Paint Chips	3550C	
490-104957-36	CL-81	Total/NA	Paint Chips	3550C	
490-104957-37	CL-82	Total/NA	Paint Chips	3550C	
490-104957-38	CL-83	Total/NA	Paint Chips	3550C	
490-104957-39	CL-84	Total/NA	Paint Chips	3550C	
490-104957-40	CL-85	Total/NA	Paint Chips	3550C	
490-104957-41	CL-86	Total/NA	Paint Chips	3550C	
490-104957-42	CL-87	Total/NA	Paint Chips	3550C	
490-104994-A-2-B MS	Matrix Spike	Total/NA	Solid	3550C	
490-104994-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	3550C	
LCS 490-346829/2-A	Lab Control Sample	Total/NA	Solid	3550C	
MB 490-346829/1-A	Method Blank	Total/NA	Solid	3550C	

### Prep Batch: 346885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-104932-D-1-D MS	Matrix Spike	Total/NA	Solid	3550C	
490-104932-D-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	3550C	
490-104957-43	CL-88	Total/NA	Paint Chips	3550C	
490-104957-44	CL-89	Total/NA	Paint Chips	3550C	
490-104957-45	CL-90	Total/NA	Paint Chips	3550C	
490-104957-46	CL-91	Total/NA	Paint Chips	3550C	
490-104957-47	CL-92	Total/NA	Paint Chips	3550C	
490-104957-48	CL-93	Total/NA	Paint Chips	3550C	
490-104957-49	CL-94	Total/NA	Paint Chips	3550C	
490-104957-50	CL-95	Total/NA	Paint Chips	3550C	
490-104957-51	CL-96	Total/NA	Paint Chips	3550C	
490-104957-52	CL-97	Total/NA	Paint Chips	3550C	
490-104957-53	CL-98	Total/NA	Paint Chips	3550C	
LCS 490-346885/2-A	Lab Control Sample	Total/NA	Solid	3550C	
MB 490-346885/1-A	Method Blank	Total/NA	Solid	3550C	

### Prep Batch: 347018

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-104957-1	CL-46	Total/NA	Wipe	3550C	
490-104957-2	CL-47	Total/NA	Wipe	3550C	
490-104957-3	CL-48	Total/NA	Wipe	3550C	
490-104957-4	CL-49	Total/NA	Wipe	3550C	
490-104957-5	CL-50	Total/NA	Wipe	3550C	
490-104957-6	CL-51	Total/NA	Wipe	3550C	
490-104957-7	CL-52	Total/NA	Wipe	3550C	

TestAmerica Nashville

## QC Association Summary

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

### GC Semi VOA (Continued)

#### Prep Batch: 347018 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-104957-8	CL-53	Total/NA	Wipe	3550C	
490-104957-9	CL-54	Total/NA	Wipe	3550C	
490-104957-10	CL-55	Total/NA	Wipe	3550C	
490-104957-11	CL-56	Total/NA	Wipe	3550C	
490-104957-12	CL-57	Total/NA	Wipe	3550C	
490-104957-13	CL-58	Total/NA	Wipe	3550C	
490-104957-14	CL-59	Total/NA	Wipe	3550C	
490-104957-15	CL-60	Total/NA	Wipe	3550C	
490-104957-16	CL-61	Total/NA	Wipe	3550C	
490-104957-17	CL-62	Total/NA	Wipe	3550C	
490-104957-18	CL-63	Total/NA	Wipe	3550C	
490-104957-19	CL-64	Total/NA	Wipe	3550C	
490-104957-20	CL-65	Total/NA	Wipe	3550C	
LCS 490-347018/2-A	Lab Control Sample	Total/NA	Wipe	3550C	
MB 490-347018/1-A	Method Blank	Total/NA	Wipe	3550C	

#### Prep Batch: 347019

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-104957-21	CL-66	Total/NA	Wipe	3550C	
490-104957-22	CL-67	Total/NA	Wipe	3550C	
490-104957-23	CL-68	Total/NA	Wipe	3550C	
LCS 490-347019/2-A	Lab Control Sample	Total/NA	Wipe	3550C	
MB 490-347019/1-A	Method Blank	Total/NA	Wipe	3550C	

#### Analysis Batch: 347615

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-104957-4	CL-49	Total/NA	Wipe	8082A	347018
490-104957-5	CL-50	Total/NA	Wipe	8082A	347018
490-104957-6	CL-51	Total/NA	Wipe	8082A	347018
490-104957-7	CL-52	Total/NA	Wipe	8082A	347018
490-104957-8	CL-53	Total/NA	Wipe	8082A	347018
490-104957-9	CL-54	Total/NA	Wipe	8082A	347018
490-104957-14	CL-59	Total/NA	Wipe	8082A	347018
490-104957-20	CL-65	Total/NA	Wipe	8082A	347018
LCS 490-347018/2-A	Lab Control Sample	Total/NA	Wipe	8082A	347018
MB 490-347018/1-A	Method Blank	Total/NA	Wipe	8082A	347018

#### Analysis Batch: 347760

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-104957-1	CL-46	Total/NA	Wipe	8082A	347018
490-104957-2	CL-47	Total/NA	Wipe	8082A	347018
490-104957-3	CL-48	Total/NA	Wipe	8082A	347018
490-104957-10	CL-55	Total/NA	Wipe	8082A	347018
490-104957-11	CL-56	Total/NA	Wipe	8082A	347018
490-104957-12	CL-57	Total/NA	Wipe	8082A	347018
490-104957-13	CL-58	Total/NA	Wipe	8082A	347018
490-104957-15	CL-60	Total/NA	Wipe	8082A	347018
490-104957-16	CL-61	Total/NA	Wipe	8082A	347018
490-104957-17	CL-62	Total/NA	Wipe	8082A	347018
490-104957-18	CL-63	Total/NA	Wipe	8082A	347018
490-104957-19	CL-64	Total/NA	Wipe	8082A	347018

TestAmerica Nashville



# QC Association Summary

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
 SDG: 4213-15-242 Phase I

## Analysis Batch: 348545

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-104932-D-1-D MS	Matrix Spike	Total/NA	Solid	8082A	346885
490-104932-D-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8082A	346885
490-104957-43	CL-88	Total/NA	Paint Chips	8082A	346885
490-104957-44	CL-89	Total/NA	Paint Chips	8082A	346885
490-104957-45	CL-90	Total/NA	Paint Chips	8082A	346885
490-104957-46	CL-91	Total/NA	Paint Chips	8082A	346885
490-104957-47	CL-92	Total/NA	Paint Chips	8082A	346885
490-104957-48	CL-93	Total/NA	Paint Chips	8082A	346885
490-104957-49	CL-94	Total/NA	Paint Chips	8082A	346885
490-104957-50	CL-95	Total/NA	Paint Chips	8082A	346885
490-104957-51	CL-96	Total/NA	Paint Chips	8082A	346885
490-104957-52	CL-97	Total/NA	Paint Chips	8082A	346885
490-104957-53	CL-98	Total/NA	Paint Chips	8082A	346885
LCS 490-346885/2-A	Lab Control Sample	Total/NA	Solid	8082A	346885
MB 490-346885/1-A	Method Blank	Total/NA	Solid	8082A	346885

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## Analysis Batch: 348628

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-104957-24	CL-69	Total/NA	Paint Chips	8082A	346829
490-104957-25	CL-70	Total/NA	Paint Chips	8082A	346829
490-104957-26	CL-71	Total/NA	Paint Chips	8082A	346829
490-104957-27	CL-72	Total/NA	Paint Chips	8082A	346829
490-104957-28	CL-73	Total/NA	Paint Chips	8082A	346829
490-104957-29	CL-74	Total/NA	Paint Chips	8082A	346829
490-104957-30	CL-75	Total/NA	Paint Chips	8082A	346829
490-104957-31	CL-76	Total/NA	Paint Chips	8082A	346829
490-104957-32	CL-77	Total/NA	Paint Chips	8082A	346829
490-104957-33	CL-78	Total/NA	Paint Chips	8082A	346829
490-104957-34	CL-79	Total/NA	Paint Chips	8082A	346829
490-104957-35	CL-80	Total/NA	Paint Chips	8082A	346829
490-104957-36	CL-81	Total/NA	Paint Chips	8082A	346829
490-104957-37	CL-82	Total/NA	Paint Chips	8082A	346829
490-104957-38	CL-83	Total/NA	Paint Chips	8082A	346829
490-104957-39	CL-84	Total/NA	Paint Chips	8082A	346829
490-104957-40	CL-85	Total/NA	Paint Chips	8082A	346829
490-104957-41	CL-86	Total/NA	Paint Chips	8082A	346829
490-104957-42	CL-87	Total/NA	Paint Chips	8082A	346829
490-104994-A-2-B MS	Matrix Spike	Total/NA	Solid	8082A	346829
490-104994-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8082A	346829
LCS 490-346829/2-A	Lab Control Sample	Total/NA	Solid	8082A	346829
MB 490-346829/1-A	Method Blank	Total/NA	Solid	8082A	346829

## Analysis Batch: 349145

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-104957-21	CL-66	Total/NA	Wipe	8082A	347019
490-104957-22	CL-67	Total/NA	Wipe	8082A	347019
490-104957-22	CL-67	Total/NA	Wipe	8082A	347019
490-104957-23	CL-68	Total/NA	Wipe	8082A	347019
490-104957-23	CL-68	Total/NA	Wipe	8082A	347019
LCS 490-347019/2-A	Lab Control Sample	Total/NA	Wipe	8082A	347019
MB 490-347019/1-A	Method Blank	Total/NA	Wipe	8082A	347019

# QC Association Summary

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
 SDG: 4213-15-242 Phase I

## Metals

### Prep Batch: 345697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-104957-24	CL-69	Total/NA	Paint Chips	3051A	
490-104957-25	CL-70	Total/NA	Paint Chips	3051A	
490-104957-26	CL-71	Total/NA	Paint Chips	3051A	
490-104957-27	CL-72	Total/NA	Paint Chips	3051A	
490-104957-28	CL-73	Total/NA	Paint Chips	3051A	
490-104957-29	CL-74	Total/NA	Paint Chips	3051A	
490-104957-30	CL-75	Total/NA	Paint Chips	3051A	
490-104957-31	CL-76	Total/NA	Paint Chips	3051A	
490-104957-32	CL-77	Total/NA	Paint Chips	3051A	
490-104963-E-1-B MS	Matrix Spike	Total/NA	Solid	3051A	
490-104963-E-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	3051A	
LCS 490-345697/2-A	Lab Control Sample	Total/NA	Solid	3051A	
MB 490-345697/1-A	Method Blank	Total/NA	Solid	3051A	

### Prep Batch: 345727

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-104745-A-1-B MS	Matrix Spike	Total/NA	Solid	3051A	
490-104745-A-1-B MS ^5	Matrix Spike	Total/NA	Solid	3051A	
490-104745-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	3051A	
490-104745-A-1-C MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	3051A	
490-104957-33	CL-78	Total/NA	Paint Chips	3051A	
490-104957-34	CL-79	Total/NA	Paint Chips	3051A	
490-104957-35	CL-80	Total/NA	Paint Chips	3051A	
490-104957-36	CL-81	Total/NA	Paint Chips	3051A	
490-104957-37	CL-82	Total/NA	Paint Chips	3051A	
490-104957-38	CL-83	Total/NA	Paint Chips	3051A	
490-104957-39	CL-84	Total/NA	Paint Chips	3051A	
490-104957-40	CL-85	Total/NA	Paint Chips	3051A	
490-104957-41	CL-86	Total/NA	Paint Chips	3051A	
490-104957-42	CL-87	Total/NA	Paint Chips	3051A	
490-104957-43	CL-88	Total/NA	Paint Chips	3051A	
490-104957-44	CL-89	Total/NA	Paint Chips	3051A	
490-104957-45	CL-90	Total/NA	Paint Chips	3051A	
490-104957-46	CL-91	Total/NA	Paint Chips	3051A	
490-104957-47	CL-92	Total/NA	Paint Chips	3051A	
490-104957-48	CL-93	Total/NA	Paint Chips	3051A	
490-104957-49	CL-94	Total/NA	Paint Chips	3051A	
LCS 490-345727/2-A	Lab Control Sample	Total/NA	Solid	3051A	
MB 490-345727/1-A	Method Blank	Total/NA	Solid	3051A	

### Prep Batch: 345809

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-104957-50	CL-95	Total/NA	Paint Chips	3051A	
490-104957-51	CL-96	Total/NA	Paint Chips	3051A	
490-104957-52	CL-97	Total/NA	Paint Chips	3051A	
490-104957-53	CL-98	Total/NA	Paint Chips	3051A	
490-104968-A-1-B MS	Matrix Spike	Total/NA	Solid	3051A	
490-104968-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	3051A	
LCS 490-345809/2-A	Lab Control Sample	Total/NA	Solid	3051A	
MB 490-345809/1-A	Method Blank	Total/NA	Solid	3051A	

## QC Association Summary

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

### Metals (Continued)

#### Analysis Batch: 345943

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-104957-24	CL-69	Total/NA	Paint Chips	6010C	345697
490-104957-25	CL-70	Total/NA	Paint Chips	6010C	345697
490-104957-26	CL-71	Total/NA	Paint Chips	6010C	345697
490-104957-27	CL-72	Total/NA	Paint Chips	6010C	345697
490-104957-28	CL-73	Total/NA	Paint Chips	6010C	345697
490-104957-29	CL-74	Total/NA	Paint Chips	6010C	345697
490-104957-30	CL-75	Total/NA	Paint Chips	6010C	345697
490-104957-31	CL-76	Total/NA	Paint Chips	6010C	345697
490-104957-32	CL-77	Total/NA	Paint Chips	6010C	345697
490-104963-E-1-B MS	Matrix Spike	Total/NA	Solid	6010C	345697
490-104963-E-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	6010C	345697
LCS 490-345697/2-A	Lab Control Sample	Total/NA	Solid	6010C	345697
MB 490-345697/1-A	Method Blank	Total/NA	Solid	6010C	345697

#### Analysis Batch: 346071

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-104957-24	CL-69	Total/NA	Paint Chips	6010C	345697
490-104957-28	CL-73	Total/NA	Paint Chips	6010C	345697
490-104957-29	CL-74	Total/NA	Paint Chips	6010C	345697
490-104957-30	CL-75	Total/NA	Paint Chips	6010C	345697
490-104957-31	CL-76	Total/NA	Paint Chips	6010C	345697
490-104957-32	CL-77	Total/NA	Paint Chips	6010C	345697

#### Analysis Batch: 346265

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-104957-25	CL-70	Total/NA	Paint Chips	6010C	345697
490-104957-26	CL-71	Total/NA	Paint Chips	6010C	345697
490-104957-27	CL-72	Total/NA	Paint Chips	6010C	345697
490-104957-28	CL-73	Total/NA	Paint Chips	6010C	345697

#### Analysis Batch: 346397

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-104745-A-1-B MS	Matrix Spike	Total/NA	Solid	6010C	345727
490-104745-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	6010C	345727
490-104957-33	CL-78	Total/NA	Paint Chips	6010C	345727
490-104957-34	CL-79	Total/NA	Paint Chips	6010C	345727
490-104957-35	CL-80	Total/NA	Paint Chips	6010C	345727
490-104957-36	CL-81	Total/NA	Paint Chips	6010C	345727
490-104957-37	CL-82	Total/NA	Paint Chips	6010C	345727
490-104957-38	CL-83	Total/NA	Paint Chips	6010C	345727
490-104957-39	CL-84	Total/NA	Paint Chips	6010C	345727
490-104957-40	CL-85	Total/NA	Paint Chips	6010C	345727
490-104957-41	CL-86	Total/NA	Paint Chips	6010C	345727
490-104957-42	CL-87	Total/NA	Paint Chips	6010C	345727
490-104957-43	CL-88	Total/NA	Paint Chips	6010C	345727
490-104957-44	CL-89	Total/NA	Paint Chips	6010C	345727
490-104957-45	CL-90	Total/NA	Paint Chips	6010C	345727
490-104957-46	CL-91	Total/NA	Paint Chips	6010C	345727
490-104957-47	CL-92	Total/NA	Paint Chips	6010C	345727
490-104957-48	CL-93	Total/NA	Paint Chips	6010C	345727
490-104957-49	CL-94	Total/NA	Paint Chips	6010C	345727

TestAmerica Nashville

## QC Association Summary

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

### Metals (Continued)

#### Analysis Batch: 346397 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 490-345727/2-A	Lab Control Sample	Total/NA	Solid	6010C	345727
MB 490-345727/1-A	Method Blank	Total/NA	Solid	6010C	345727

#### Analysis Batch: 346737

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-104745-A-1-B MS ^5	Matrix Spike	Total/NA	Solid	6010C	345727
490-104745-A-1-C MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	6010C	345727
490-104957-33	CL-78	Total/NA	Paint Chips	6010C	345727
490-104957-34	CL-79	Total/NA	Paint Chips	6010C	345727
490-104957-35	CL-80	Total/NA	Paint Chips	6010C	345727
490-104957-36	CL-81	Total/NA	Paint Chips	6010C	345727
490-104957-37	CL-82	Total/NA	Paint Chips	6010C	345727
490-104957-38	CL-83	Total/NA	Paint Chips	6010C	345727
490-104957-39	CL-84	Total/NA	Paint Chips	6010C	345727
490-104957-40	CL-85	Total/NA	Paint Chips	6010C	345727
490-104957-41	CL-86	Total/NA	Paint Chips	6010C	345727
490-104957-42	CL-87	Total/NA	Paint Chips	6010C	345727
490-104957-43	CL-88	Total/NA	Paint Chips	6010C	345727
490-104957-44	CL-89	Total/NA	Paint Chips	6010C	345727
490-104957-44	CL-89	Total/NA	Paint Chips	6010C	345727
490-104957-45	CL-90	Total/NA	Paint Chips	6010C	345727
490-104957-45	CL-90	Total/NA	Paint Chips	6010C	345727
490-104957-46	CL-91	Total/NA	Paint Chips	6010C	345727
490-104957-47	CL-92	Total/NA	Paint Chips	6010C	345727
490-104957-48	CL-93	Total/NA	Paint Chips	6010C	345727
490-104957-49	CL-94	Total/NA	Paint Chips	6010C	345727

#### Analysis Batch: 346739

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-104957-50	CL-95	Total/NA	Paint Chips	6010C	345809
490-104957-51	CL-96	Total/NA	Paint Chips	6010C	345809
490-104957-52	CL-97	Total/NA	Paint Chips	6010C	345809
490-104957-53	CL-98	Total/NA	Paint Chips	6010C	345809
490-104968-A-1-B MS	Matrix Spike	Total/NA	Solid	6010C	345809
490-104968-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	6010C	345809
LCS 490-345809/2-A	Lab Control Sample	Total/NA	Solid	6010C	345809
MB 490-345809/1-A	Method Blank	Total/NA	Solid	6010C	345809

#### Analysis Batch: 347148

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-104957-50	CL-95	Total/NA	Paint Chips	6010C	345809
490-104957-51	CL-96	Total/NA	Paint Chips	6010C	345809
490-104957-52	CL-97	Total/NA	Paint Chips	6010C	345809
490-104957-53	CL-98	Total/NA	Paint Chips	6010C	345809

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# Lab Chronicle

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

## Client Sample ID: CL-46

Date Collected: 06/02/16 08:00  
Date Received: 06/03/16 10:00

## Lab Sample ID: 490-104957-1

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10 mL	347018	06/11/16 08:11	MNM	TAL NSH
Total/NA	Analysis	8082A		5	1 Wipe	10 mL	347760	06/15/16 09:55	MGH	TAL NSH

## Client Sample ID: CL-47

Date Collected: 06/02/16 08:05  
Date Received: 06/03/16 10:00

## Lab Sample ID: 490-104957-2

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10 mL	347018	06/11/16 08:11	MNM	TAL NSH
Total/NA	Analysis	8082A		10	1 Wipe	10 mL	347760	06/15/16 10:10	MGH	TAL NSH

## Client Sample ID: CL-48

Date Collected: 06/02/16 08:10  
Date Received: 06/03/16 10:00

## Lab Sample ID: 490-104957-3

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10 mL	347018	06/11/16 08:11	MNM	TAL NSH
Total/NA	Analysis	8082A		5	1 Wipe	10 mL	347760	06/15/16 10:25	MGH	TAL NSH

## Client Sample ID: CL-49

Date Collected: 06/02/16 08:15  
Date Received: 06/03/16 10:00

## Lab Sample ID: 490-104957-4

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10 mL	347018	06/11/16 08:11	MNM	TAL NSH
Total/NA	Analysis	8082A		1	1 Wipe	10 mL	347615	06/15/16 00:38	MGH	TAL NSH

## Client Sample ID: CL-50

Date Collected: 06/02/16 08:20  
Date Received: 06/03/16 10:00

## Lab Sample ID: 490-104957-5

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10 mL	347018	06/11/16 08:11	MNM	TAL NSH
Total/NA	Analysis	8082A		1	1 Wipe	10 mL	347615	06/15/16 00:52	MGH	TAL NSH

## Client Sample ID: CL-51

Date Collected: 06/02/16 08:25  
Date Received: 06/03/16 10:00

## Lab Sample ID: 490-104957-6

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10 mL	347018	06/11/16 08:11	MNM	TAL NSH
Total/NA	Analysis	8082A		1	1 Wipe	10 mL	347615	06/15/16 01:07	MGH	TAL NSH

TestAmerica Nashville

# Lab Chronicle

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

## Client Sample ID: CL-52

Date Collected: 06/02/16 08:30  
Date Received: 06/03/16 10:00

## Lab Sample ID: 490-104957-7

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10 mL	347018	06/11/16 08:11	MNM	TAL NSH
Total/NA	Analysis	8082A		1	1 Wipe	10 mL	347615	06/15/16 01:22	MGH	TAL NSH

## Client Sample ID: CL-53

Date Collected: 06/02/16 08:35  
Date Received: 06/03/16 10:00

## Lab Sample ID: 490-104957-8

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10 mL	347018	06/11/16 08:11	MNM	TAL NSH
Total/NA	Analysis	8082A		1	1 Wipe	10 mL	347615	06/15/16 01:36	MGH	TAL NSH

## Client Sample ID: CL-54

Date Collected: 06/02/16 09:00  
Date Received: 06/03/16 10:00

## Lab Sample ID: 490-104957-9

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10 mL	347018	06/11/16 08:11	MNM	TAL NSH
Total/NA	Analysis	8082A		1	1 Wipe	10 mL	347615	06/15/16 01:51	MGH	TAL NSH

## Client Sample ID: CL-55

Date Collected: 06/02/16 09:05  
Date Received: 06/03/16 10:00

## Lab Sample ID: 490-104957-10

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10 mL	347018	06/11/16 08:11	MNM	TAL NSH
Total/NA	Analysis	8082A		5	1 Wipe	10 mL	347760	06/15/16 10:40	MGH	TAL NSH

## Client Sample ID: CL-56

Date Collected: 06/02/16 09:10  
Date Received: 06/03/16 10:00

## Lab Sample ID: 490-104957-11

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10 mL	347018	06/11/16 08:11	MNM	TAL NSH
Total/NA	Analysis	8082A		10	1 Wipe	10 mL	347760	06/15/16 10:56	MGH	TAL NSH

## Client Sample ID: CL-57

Date Collected: 06/02/16 09:14  
Date Received: 06/03/16 10:00

## Lab Sample ID: 490-104957-12

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10 mL	347018	06/11/16 08:11	MNM	TAL NSH
Total/NA	Analysis	8082A		10	1 Wipe	10 mL	347760	06/15/16 11:11	MGH	TAL NSH

TestAmerica Nashville

# Lab Chronicle

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

## Client Sample ID: CL-58

Date Collected: 06/02/16 09:20  
Date Received: 06/03/16 10:00

## Lab Sample ID: 490-104957-13

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10 mL	347018	06/11/16 08:11	MNM	TAL NSH
Total/NA	Analysis	8082A		5	1 Wipe	10 mL	347760	06/15/16 11:26	MGH	TAL NSH

## Client Sample ID: CL-59

Date Collected: 06/02/16 09:25  
Date Received: 06/03/16 10:00

## Lab Sample ID: 490-104957-14

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10 mL	347018	06/11/16 08:11	MNM	TAL NSH
Total/NA	Analysis	8082A		1	1 Wipe	10 mL	347615	06/15/16 03:04	MGH	TAL NSH

## Client Sample ID: CL-60

Date Collected: 06/02/16 09:30  
Date Received: 06/03/16 10:00

## Lab Sample ID: 490-104957-15

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10 mL	347018	06/11/16 08:11	MNM	TAL NSH
Total/NA	Analysis	8082A		2	1 Wipe	10 mL	347760	06/15/16 11:41	MGH	TAL NSH

## Client Sample ID: CL-61

Date Collected: 06/02/16 09:35  
Date Received: 06/03/16 10:00

## Lab Sample ID: 490-104957-16

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10 mL	347018	06/11/16 08:11	MNM	TAL NSH
Total/NA	Analysis	8082A		5	1 Wipe	10 mL	347760	06/15/16 11:57	MGH	TAL NSH

## Client Sample ID: CL-62

Date Collected: 06/02/16 09:40  
Date Received: 06/03/16 10:00

## Lab Sample ID: 490-104957-17

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10 mL	347018	06/11/16 08:11	MNM	TAL NSH
Total/NA	Analysis	8082A		5	1 Wipe	10 mL	347760	06/15/16 12:12	MGH	TAL NSH

## Client Sample ID: CL-63

Date Collected: 06/02/16 09:45  
Date Received: 06/03/16 10:00

## Lab Sample ID: 490-104957-18

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10 mL	347018	06/11/16 08:11	MNM	TAL NSH
Total/NA	Analysis	8082A		2	1 Wipe	10 mL	347760	06/15/16 12:27	MGH	TAL NSH

TestAmerica Nashville

# Lab Chronicle

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

## Client Sample ID: CL-64

Date Collected: 06/02/16 09:50  
Date Received: 06/03/16 10:00

## Lab Sample ID: 490-104957-19

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10 mL	347018	06/11/16 08:11	MNM	TAL NSH
Total/NA	Analysis	8082A		5	1 Wipe	10 mL	347760	06/15/16 12:42	MGH	TAL NSH

## Client Sample ID: CL-65

Date Collected: 06/02/16 09:55  
Date Received: 06/03/16 10:00

## Lab Sample ID: 490-104957-20

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10 mL	347018	06/11/16 08:11	MNM	TAL NSH
Total/NA	Analysis	8082A		1	1 Wipe	10 mL	347615	06/15/16 04:31	MGH	TAL NSH

## Client Sample ID: CL-66

Date Collected: 06/02/16 10:00  
Date Received: 06/03/16 10:00

## Lab Sample ID: 490-104957-21

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10 mL	347019	06/11/16 08:20	MNM	TAL NSH
Total/NA	Analysis	8082A		1	1 Wipe	10 mL	349145	06/21/16 11:45	MGH	TAL NSH

## Client Sample ID: CL-67

Date Collected: 06/02/16 10:05  
Date Received: 06/03/16 10:00

## Lab Sample ID: 490-104957-22

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10 mL	347019	06/11/16 08:20	MNM	TAL NSH
Total/NA	Analysis	8082A		1	1 Wipe	10 mL	349145	06/21/16 12:00	MGH	TAL NSH
Total/NA	Prep	3550C			1 Wipe	10 mL	347019	06/11/16 08:20	MNM	TAL NSH
Total/NA	Analysis	8082A		5	1 Wipe	10 mL	349145	06/21/16 18:29	MGH	TAL NSH

## Client Sample ID: CL-68

Date Collected: 06/02/16 10:10  
Date Received: 06/03/16 10:00

## Lab Sample ID: 490-104957-23

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10 mL	347019	06/11/16 08:20	MNM	TAL NSH
Total/NA	Analysis	8082A		1	1 Wipe	10 mL	349145	06/21/16 12:15	MGH	TAL NSH
Total/NA	Prep	3550C			1 Wipe	10 mL	347019	06/11/16 08:20	MNM	TAL NSH
Total/NA	Analysis	8082A		5	1 Wipe	10 mL	349145	06/21/16 18:44	MGH	TAL NSH



# Lab Chronicle

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

**Client Sample ID: CL-69**  
Date Collected: 06/02/16 01:00  
Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-24**  
Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			7.00 g	10.00 mL	346829	06/10/16 12:06	LOJ	TAL NSH
Total/NA	Analysis	8082A		100	7.00 g	10.00 mL	348628	06/18/16 02:15	MGH	TAL NSH
Total/NA	Prep	3051A			0.508 g	100 mL	345697	06/07/16 04:13	KMS	TAL NSH
Total/NA	Analysis	6010C		20	0.508 g	100 mL	346071	06/07/16 18:59	TSC	TAL NSH
Total/NA	Prep	3051A			0.508 g	100 mL	345697	06/07/16 04:13	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.508 g	100 mL	345943	06/07/16 12:09	ADN	TAL NSH

**Client Sample ID: CL-70**  
Date Collected: 06/02/16 01:05  
Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-25**  
Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			4.92 g	10.00 mL	346829	06/10/16 12:06	LOJ	TAL NSH
Total/NA	Analysis	8082A		50	4.92 g	10.00 mL	348628	06/18/16 02:29	MGH	TAL NSH
Total/NA	Prep	3051A			0.513 g	100 mL	345697	06/07/16 04:13	KMS	TAL NSH
Total/NA	Analysis	6010C		50	0.513 g	100 mL	346265	06/08/16 13:30	TSC	TAL NSH
Total/NA	Prep	3051A			0.513 g	100 mL	345697	06/07/16 04:13	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.513 g	100 mL	345943	06/07/16 12:13	ADN	TAL NSH

**Client Sample ID: CL-71**  
Date Collected: 06/02/16 01:10  
Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-26**  
Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			4.92 g	10.00 mL	346829	06/10/16 12:06	LOJ	TAL NSH
Total/NA	Analysis	8082A		50	4.92 g	10.00 mL	348628	06/18/16 02:43	MGH	TAL NSH
Total/NA	Prep	3051A			0.518 g	100 mL	345697	06/07/16 04:13	KMS	TAL NSH
Total/NA	Analysis	6010C		50	0.518 g	100 mL	346265	06/08/16 13:34	TSC	TAL NSH
Total/NA	Prep	3051A			0.518 g	100 mL	345697	06/07/16 04:13	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.518 g	100 mL	345943	06/07/16 12:17	ADN	TAL NSH

**Client Sample ID: CL-72**  
Date Collected: 06/02/16 01:15  
Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-27**  
Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			4.91 g	10.00 mL	346829	06/10/16 12:06	LOJ	TAL NSH
Total/NA	Analysis	8082A		50	4.91 g	10.00 mL	348628	06/18/16 02:58	MGH	TAL NSH
Total/NA	Prep	3051A			0.525 g	100 mL	345697	06/07/16 04:13	KMS	TAL NSH
Total/NA	Analysis	6010C		50	0.525 g	100 mL	346265	06/08/16 13:39	TSC	TAL NSH
Total/NA	Prep	3051A			0.525 g	100 mL	345697	06/07/16 04:13	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.525 g	100 mL	345943	06/07/16 12:21	ADN	TAL NSH

# Lab Chronicle

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

## Client Sample ID: CL-73

Date Collected: 06/02/16 01:20  
Date Received: 06/03/16 10:00

## Lab Sample ID: 490-104957-28

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			4.69 g	10.00 mL	346829	06/10/16 12:06	LOJ	TAL NSH
Total/NA	Analysis	8082A		50	4.69 g	10.00 mL	348628	06/18/16 03:12	MGH	TAL NSH
Total/NA	Prep	3051A			0.525 g	100 mL	345697	06/07/16 04:13	KMS	TAL NSH
Total/NA	Analysis	6010C		5	0.525 g	100 mL	346071	06/07/16 19:26	TSC	TAL NSH
Total/NA	Prep	3051A			0.525 g	100 mL	345697	06/07/16 04:13	KMS	TAL NSH
Total/NA	Analysis	6010C		50	0.525 g	100 mL	346265	06/08/16 13:43	TSC	TAL NSH
Total/NA	Prep	3051A			0.525 g	100 mL	345697	06/07/16 04:13	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.525 g	100 mL	345943	06/07/16 12:25	ADN	TAL NSH

## Client Sample ID: CL-74

Date Collected: 06/02/16 01:25  
Date Received: 06/03/16 10:00

## Lab Sample ID: 490-104957-29

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			4.89 g	10.00 mL	346829	06/10/16 12:06	LOJ	TAL NSH
Total/NA	Analysis	8082A		100	4.89 g	10.00 mL	348628	06/18/16 03:26	MGH	TAL NSH
Total/NA	Prep	3051A			0.510 g	100 mL	345697	06/07/16 04:13	KMS	TAL NSH
Total/NA	Analysis	6010C		20	0.510 g	100 mL	346071	06/07/16 19:34	TSC	TAL NSH
Total/NA	Prep	3051A			0.510 g	100 mL	345697	06/07/16 04:13	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.510 g	100 mL	345943	06/07/16 12:30	ADN	TAL NSH

## Client Sample ID: CL-75

Date Collected: 06/02/16 01:30  
Date Received: 06/03/16 10:00

## Lab Sample ID: 490-104957-30

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			8.37 g	10.00 mL	346829	06/10/16 12:06	LOJ	TAL NSH
Total/NA	Analysis	8082A		50	8.37 g	10.00 mL	348628	06/18/16 03:40	MGH	TAL NSH
Total/NA	Prep	3051A			0.509 g	100 mL	345697	06/07/16 04:13	KMS	TAL NSH
Total/NA	Analysis	6010C		20	0.509 g	100 mL	346071	06/07/16 19:39	TSC	TAL NSH
Total/NA	Prep	3051A			0.509 g	100 mL	345697	06/07/16 04:13	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.509 g	100 mL	345943	06/07/16 12:34	ADN	TAL NSH

## Client Sample ID: CL-76

Date Collected: 06/02/16 01:35  
Date Received: 06/03/16 10:00

## Lab Sample ID: 490-104957-31

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			4.17 g	10.00 mL	346829	06/10/16 12:06	LOJ	TAL NSH
Total/NA	Analysis	8082A		50	4.17 g	10.00 mL	348628	06/18/16 03:54	MGH	TAL NSH
Total/NA	Prep	3051A			0.525 g	100 mL	345697	06/07/16 04:13	KMS	TAL NSH
Total/NA	Analysis	6010C		10	0.525 g	100 mL	346071	06/07/16 19:43	TSC	TAL NSH
Total/NA	Prep	3051A			0.525 g	100 mL	345697	06/07/16 04:13	KMS	TAL NSH

TestAmerica Nashville

# Lab Chronicle

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

## Client Sample ID: CL-76

Date Collected: 06/02/16 01:35  
Date Received: 06/03/16 10:00

## Lab Sample ID: 490-104957-31

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010C		1	0.525 g	100 mL	345943	06/07/16 12:38	ADN	TAL NSH

## Client Sample ID: CL-77

Date Collected: 06/02/16 01:40  
Date Received: 06/03/16 10:00

## Lab Sample ID: 490-104957-32

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1.99 g	10.00 mL	346829	06/10/16 12:06	LOJ	TAL NSH
Total/NA	Analysis	8082A		10	1.99 g	10.00 mL	348628	06/18/16 04:08	MGH	TAL NSH
Total/NA	Prep	3051A			0.520 g	100 mL	345697	06/07/16 04:13	KMS	TAL NSH
Total/NA	Analysis	6010C		20	0.520 g	100 mL	346071	06/07/16 19:48	TSC	TAL NSH
Total/NA	Prep	3051A			0.520 g	100 mL	345697	06/07/16 04:13	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.520 g	100 mL	345943	06/07/16 12:43	ADN	TAL NSH

## Client Sample ID: CL-78

Date Collected: 06/02/16 01:45  
Date Received: 06/03/16 10:00

## Lab Sample ID: 490-104957-33

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			3.49 g	10.00 mL	346829	06/10/16 12:06	LOJ	TAL NSH
Total/NA	Analysis	8082A		20	3.49 g	10.00 mL	348628	06/18/16 04:22	MGH	TAL NSH
Total/NA	Prep	3051A			0.514 g	100 mL	345727	06/07/16 09:05	KMS	TAL NSH
Total/NA	Analysis	6010C		50	0.514 g	100 mL	346737	06/09/16 20:52	TSC	TAL NSH
Total/NA	Prep	3051A			0.514 g	100 mL	345727	06/07/16 09:05	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.514 g	100 mL	346397	06/08/16 19:52	ADN	TAL NSH

## Client Sample ID: CL-79

Date Collected: 06/02/16 01:50  
Date Received: 06/03/16 10:00

## Lab Sample ID: 490-104957-34

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			5.18 g	10.00 mL	346829	06/10/16 12:06	LOJ	TAL NSH
Total/NA	Analysis	8082A		20	5.18 g	10.00 mL	348628	06/18/16 04:36	MGH	TAL NSH
Total/NA	Prep	3051A			0.503 g	100 mL	345727	06/07/16 09:05	KMS	TAL NSH
Total/NA	Analysis	6010C		50	0.503 g	100 mL	346737	06/09/16 20:56	TSC	TAL NSH
Total/NA	Prep	3051A			0.503 g	100 mL	345727	06/07/16 09:05	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.503 g	100 mL	346397	06/08/16 19:56	ADN	TAL NSH

# Lab Chronicle

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

## Client Sample ID: CL-80

Date Collected: 06/02/16 01:55  
Date Received: 06/03/16 10:00

## Lab Sample ID: 490-104957-35

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			5.09 g	10.00 mL	346829	06/10/16 12:06	LOJ	TAL NSH
Total/NA	Analysis	8082A		20	5.09 g	10.00 mL	348628	06/18/16 04:51	MGH	TAL NSH
Total/NA	Prep	3051A			0.517 g	100 mL	345727	06/07/16 09:05	KMS	TAL NSH
Total/NA	Analysis	6010C		50	0.517 g	100 mL	346737	06/09/16 21:01	TSC	TAL NSH
Total/NA	Prep	3051A			0.517 g	100 mL	345727	06/07/16 09:05	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.517 g	100 mL	346397	06/08/16 20:01	ADN	TAL NSH

## Client Sample ID: CL-81

Date Collected: 06/02/16 02:00  
Date Received: 06/03/16 10:00

## Lab Sample ID: 490-104957-36

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			3.81 g	10.00 mL	346829	06/10/16 12:06	LOJ	TAL NSH
Total/NA	Analysis	8082A		20	3.81 g	10.00 mL	348628	06/18/16 05:05	MGH	TAL NSH
Total/NA	Prep	3051A			0.513 g	100 mL	345727	06/07/16 09:05	KMS	TAL NSH
Total/NA	Analysis	6010C		50	0.513 g	100 mL	346737	06/09/16 21:05	TSC	TAL NSH
Total/NA	Prep	3051A			0.513 g	100 mL	345727	06/07/16 09:05	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.513 g	100 mL	346397	06/08/16 20:05	ADN	TAL NSH

## Client Sample ID: CL-82

Date Collected: 06/02/16 02:05  
Date Received: 06/03/16 10:00

## Lab Sample ID: 490-104957-37

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			5.32 g	10.00 mL	346829	06/10/16 12:06	LOJ	TAL NSH
Total/NA	Analysis	8082A		50	5.32 g	10.00 mL	348628	06/18/16 05:19	MGH	TAL NSH
Total/NA	Prep	3051A			0.522 g	100 mL	345727	06/07/16 09:05	KMS	TAL NSH
Total/NA	Analysis	6010C		50	0.522 g	100 mL	346737	06/09/16 21:10	TSC	TAL NSH
Total/NA	Prep	3051A			0.522 g	100 mL	345727	06/07/16 09:05	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.522 g	100 mL	346397	06/08/16 20:09	ADN	TAL NSH

## Client Sample ID: CL-83

Date Collected: 06/02/16 02:10  
Date Received: 06/03/16 10:00

## Lab Sample ID: 490-104957-38

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			3.35 g	10.00 mL	346829	06/10/16 12:06	LOJ	TAL NSH
Total/NA	Analysis	8082A		100	3.35 g	10.00 mL	348628	06/18/16 05:34	MGH	TAL NSH
Total/NA	Prep	3051A			0.500 g	100 mL	345727	06/07/16 09:05	KMS	TAL NSH
Total/NA	Analysis	6010C		50	0.500 g	100 mL	346737	06/09/16 21:15	TSC	TAL NSH
Total/NA	Prep	3051A			0.500 g	100 mL	345727	06/07/16 09:05	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.500 g	100 mL	346397	06/08/16 20:13	ADN	TAL NSH

# Lab Chronicle

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

## Client Sample ID: CL-84

Date Collected: 06/02/16 02:15  
Date Received: 06/03/16 10:00

## Lab Sample ID: 490-104957-39

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			4.26 g	10.00 mL	346829	06/10/16 12:06	LOJ	TAL NSH
Total/NA	Analysis	8082A		100	4.26 g	10.00 mL	348628	06/18/16 05:48	MGH	TAL NSH
Total/NA	Prep	3051A			0.497 g	100 mL	345727	06/07/16 09:05	KMS	TAL NSH
Total/NA	Analysis	6010C		50	0.497 g	100 mL	346737	06/09/16 21:28	TSC	TAL NSH
Total/NA	Prep	3051A			0.497 g	100 mL	345727	06/07/16 09:05	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.497 g	100 mL	346397	06/08/16 20:27	ADN	TAL NSH

## Client Sample ID: CL-85

Date Collected: 06/02/16 02:20  
Date Received: 06/03/16 10:00

## Lab Sample ID: 490-104957-40

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			5.20 g	10.00 mL	346829	06/10/16 12:06	LOJ	TAL NSH
Total/NA	Analysis	8082A		50	5.20 g	10.00 mL	348628	06/18/16 06:02	MGH	TAL NSH
Total/NA	Prep	3051A			0.502 g	100 mL	345727	06/07/16 09:05	KMS	TAL NSH
Total/NA	Analysis	6010C		50	0.502 g	100 mL	346737	06/09/16 21:33	TSC	TAL NSH
Total/NA	Prep	3051A			0.502 g	100 mL	345727	06/07/16 09:05	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.502 g	100 mL	346397	06/08/16 20:31	ADN	TAL NSH

## Client Sample ID: CL-86

Date Collected: 06/02/16 02:25  
Date Received: 06/03/16 10:00

## Lab Sample ID: 490-104957-41

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			2.72 g	10.00 mL	346829	06/10/16 12:06	LOJ	TAL NSH
Total/NA	Analysis	8082A		100	2.72 g	10.00 mL	348628	06/18/16 06:16	MGH	TAL NSH
Total/NA	Prep	3051A			0.508 g	100 mL	345727	06/07/16 09:05	KMS	TAL NSH
Total/NA	Analysis	6010C		50	0.508 g	100 mL	346737	06/09/16 21:37	TSC	TAL NSH
Total/NA	Prep	3051A			0.508 g	100 mL	345727	06/07/16 09:05	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.508 g	100 mL	346397	06/08/16 20:35	ADN	TAL NSH

## Client Sample ID: CL-87

Date Collected: 06/02/16 02:30  
Date Received: 06/03/16 10:00

## Lab Sample ID: 490-104957-42

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			2.57 g	10.00 mL	346829	06/10/16 12:06	LOJ	TAL NSH
Total/NA	Analysis	8082A		50	2.57 g	10.00 mL	348628	06/18/16 06:30	MGH	TAL NSH
Total/NA	Prep	3051A			0.522 g	100 mL	345727	06/07/16 09:05	KMS	TAL NSH
Total/NA	Analysis	6010C		50	0.522 g	100 mL	346737	06/09/16 21:42	TSC	TAL NSH
Total/NA	Prep	3051A			0.522 g	100 mL	345727	06/07/16 09:05	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.522 g	100 mL	346397	06/08/16 20:40	ADN	TAL NSH

# Lab Chronicle

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

## Client Sample ID: CL-88

Date Collected: 06/02/16 02:35

Date Received: 06/03/16 10:00

## Lab Sample ID: 490-104957-43

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			2.60 g	10.00 mL	346885	06/10/16 12:32	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	2.60 g	10.00 mL	348545	06/17/16 16:26	MGH	TAL NSH
Total/NA	Prep	3051A			0.501 g	100 mL	345727	06/07/16 09:05	KMS	TAL NSH
Total/NA	Analysis	6010C		50	0.501 g	100 mL	346737	06/09/16 21:46	TSC	TAL NSH
Total/NA	Prep	3051A			0.501 g	100 mL	345727	06/07/16 09:05	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.501 g	100 mL	346397	06/08/16 20:44	ADN	TAL NSH

## Client Sample ID: CL-89

Date Collected: 06/02/16 02:40

Date Received: 06/03/16 10:00

## Lab Sample ID: 490-104957-44

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			4.74 g	10.00 mL	346885	06/10/16 12:32	LOJ	TAL NSH
Total/NA	Analysis	8082A		20	4.74 g	10.00 mL	348545	06/17/16 16:40	MGH	TAL NSH
Total/NA	Prep	3051A			0.520 g	100 mL	345727	06/07/16 09:05	KMS	TAL NSH
Total/NA	Analysis	6010C		2	0.520 g	100 mL	346737	06/09/16 21:50	TSC	TAL NSH
Total/NA	Prep	3051A			0.520 g	100 mL	345727	06/07/16 09:05	KMS	TAL NSH
Total/NA	Analysis	6010C		50	0.520 g	100 mL	346737	06/09/16 21:55	TSC	TAL NSH
Total/NA	Prep	3051A			0.520 g	100 mL	345727	06/07/16 09:05	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.520 g	100 mL	346397	06/08/16 20:48	ADN	TAL NSH

## Client Sample ID: CL-90

Date Collected: 06/02/16 02:45

Date Received: 06/03/16 10:00

## Lab Sample ID: 490-104957-45

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			6.89 g	10.00 mL	346885	06/10/16 12:32	LOJ	TAL NSH
Total/NA	Analysis	8082A		20	6.89 g	10.00 mL	348545	06/17/16 16:55	MGH	TAL NSH
Total/NA	Prep	3051A			0.520 g	100 mL	345727	06/07/16 09:05	KMS	TAL NSH
Total/NA	Analysis	6010C		2	0.520 g	100 mL	346737	06/09/16 21:59	TSC	TAL NSH
Total/NA	Prep	3051A			0.520 g	100 mL	345727	06/07/16 09:05	KMS	TAL NSH
Total/NA	Analysis	6010C		50	0.520 g	100 mL	346737	06/09/16 22:04	TSC	TAL NSH
Total/NA	Prep	3051A			0.520 g	100 mL	345727	06/07/16 09:05	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.520 g	100 mL	346397	06/08/16 20:53	ADN	TAL NSH

## Client Sample ID: CL-91

Date Collected: 06/02/16 02:50

Date Received: 06/03/16 10:00

## Lab Sample ID: 490-104957-46

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			8.91 g	10.00 mL	346885	06/10/16 12:32	LOJ	TAL NSH
Total/NA	Analysis	8082A		100	8.91 g	10.00 mL	348545	06/17/16 17:09	MGH	TAL NSH
Total/NA	Prep	3051A			0.512 g	100 mL	345727	06/07/16 09:05	KMS	TAL NSH

TestAmerica Nashville

# Lab Chronicle

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

## Client Sample ID: CL-91

Date Collected: 06/02/16 02:50  
Date Received: 06/03/16 10:00

## Lab Sample ID: 490-104957-46

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010C		50	0.512 g	100 mL	346737	06/09/16 22:08	TSC	TAL NSH
Total/NA	Prep	3051A			0.512 g	100 mL	345727	06/07/16 09:05	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.512 g	100 mL	346397	06/08/16 20:57	ADN	TAL NSH

## Client Sample ID: CL-92

Date Collected: 06/02/16 02:55  
Date Received: 06/03/16 10:00

## Lab Sample ID: 490-104957-47

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			8.33 g	10.00 mL	346885	06/10/16 12:32	LOJ	TAL NSH
Total/NA	Analysis	8082A		100	8.33 g	10.00 mL	348545	06/17/16 17:24	MGH	TAL NSH
Total/NA	Prep	3051A			0.506 g	100 mL	345727	06/07/16 09:05	KMS	TAL NSH
Total/NA	Analysis	6010C		50	0.506 g	100 mL	346737	06/09/16 22:21	TSC	TAL NSH
Total/NA	Prep	3051A			0.506 g	100 mL	345727	06/07/16 09:05	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.506 g	100 mL	346397	06/08/16 21:01	ADN	TAL NSH

## Client Sample ID: CL-93

Date Collected: 06/02/16 03:00  
Date Received: 06/03/16 10:00

## Lab Sample ID: 490-104957-48

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			7.41 g	10.00 mL	346885	06/10/16 12:32	LOJ	TAL NSH
Total/NA	Analysis	8082A		100	7.41 g	10.00 mL	348545	06/17/16 17:38	MGH	TAL NSH
Total/NA	Prep	3051A			0.501 g	100 mL	345727	06/07/16 09:05	KMS	TAL NSH
Total/NA	Analysis	6010C		50	0.501 g	100 mL	346737	06/09/16 22:25	TSC	TAL NSH
Total/NA	Prep	3051A			0.501 g	100 mL	345727	06/07/16 09:05	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.501 g	100 mL	346397	06/08/16 21:06	ADN	TAL NSH

## Client Sample ID: CL-94

Date Collected: 06/02/16 03:05  
Date Received: 06/03/16 10:00

## Lab Sample ID: 490-104957-49

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			8.79 g	10.00 mL	346885	06/10/16 12:32	LOJ	TAL NSH
Total/NA	Analysis	8082A		100	8.79 g	10.00 mL	348545	06/17/16 17:52	MGH	TAL NSH
Total/NA	Prep	3051A			0.502 g	100 mL	345727	06/07/16 09:05	KMS	TAL NSH
Total/NA	Analysis	6010C		50	0.502 g	100 mL	346737	06/09/16 22:29	TSC	TAL NSH
Total/NA	Prep	3051A			0.502 g	100 mL	345727	06/07/16 09:05	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.502 g	100 mL	346397	06/08/16 21:20	ADN	TAL NSH

# Lab Chronicle

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

**Client Sample ID: CL-95**  
Date Collected: 06/02/16 03:10  
Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-50**  
Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			6.38 g	10.00 mL	346885	06/10/16 12:32	LOJ	TAL NSH
Total/NA	Analysis	8082A		100	6.38 g	10.00 mL	348545	06/17/16 18:06	MGH	TAL NSH
Total/NA	Prep	3051A			0.507 g	100 mL	345809	06/07/16 10:29	KMS	TAL NSH
Total/NA	Analysis	6010C		50	0.507 g	100 mL	347148	06/10/16 18:16	ADN	TAL NSH
Total/NA	Prep	3051A			0.507 g	100 mL	345809	06/07/16 10:29	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.507 g	100 mL	346739	06/09/16 16:34	TSC	TAL NSH

**Client Sample ID: CL-96**  
Date Collected: 06/02/16 03:15  
Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-51**  
Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			4.51 g	10.00 mL	346885	06/10/16 12:32	LOJ	TAL NSH
Total/NA	Analysis	8082A		100	4.51 g	10.00 mL	348545	06/17/16 18:20	MGH	TAL NSH
Total/NA	Prep	3051A			0.502 g	100 mL	345809	06/07/16 10:29	KMS	TAL NSH
Total/NA	Analysis	6010C		50	0.502 g	100 mL	347148	06/10/16 18:21	ADN	TAL NSH
Total/NA	Prep	3051A			0.502 g	100 mL	345809	06/07/16 10:29	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.502 g	100 mL	346739	06/09/16 16:39	TSC	TAL NSH

**Client Sample ID: CL-97**  
Date Collected: 06/02/16 03:20  
Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-52**  
Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			4.62 g	10.00 mL	346885	06/10/16 12:32	LOJ	TAL NSH
Total/NA	Analysis	8082A		100	4.62 g	10.00 mL	348545	06/17/16 18:35	MGH	TAL NSH
Total/NA	Prep	3051A			0.517 g	100 mL	345809	06/07/16 10:29	KMS	TAL NSH
Total/NA	Analysis	6010C		50	0.517 g	100 mL	347148	06/10/16 18:25	ADN	TAL NSH
Total/NA	Prep	3051A			0.517 g	100 mL	345809	06/07/16 10:29	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.517 g	100 mL	346739	06/09/16 16:43	TSC	TAL NSH

**Client Sample ID: CL-98**  
Date Collected: 06/02/16 03:25  
Date Received: 06/03/16 10:00

**Lab Sample ID: 490-104957-53**  
Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			7.94 g	10.00 mL	346885	06/10/16 12:32	LOJ	TAL NSH
Total/NA	Analysis	8082A		100	7.94 g	10.00 mL	348545	06/17/16 18:50	MGH	TAL NSH
Total/NA	Prep	3051A			0.522 g	100 mL	345809	06/07/16 10:29	KMS	TAL NSH
Total/NA	Analysis	6010C		50	0.522 g	100 mL	347148	06/10/16 18:30	ADN	TAL NSH
Total/NA	Prep	3051A			0.522 g	100 mL	345809	06/07/16 10:29	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.522 g	100 mL	346739	06/09/16 16:47	TSC	TAL NSH

TestAmerica Nashville



## Lab Chronicle

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

### Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

## Method Summary

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

Method	Method Description	Protocol	Laboratory
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL NSH
6010C	Metals (ICP)	SW846	TAL NSH

### Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

### Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

# Certification Summary

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104957-1  
SDG: 4213-15-242 Phase I

## Laboratory: TestAmerica Nashville

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
South Carolina	State Program	4	84009 (001)	02-28-16 *
Analysis Method	Prep Method	Matrix	Analyte	

\* Certification renewal pending - certification considered valid.



## COOLER RECEIPT FORM

Cooler Received/Opened On 6-03-16 @ 1000

Time Samples Removed From Cooler 1749 Time Samples Placed In Storage 1811 (2 Hour Window)

1. Tracking # 9526 (last 4 digits, FedEx) Courier: fed ex

IR Gun ID 12080142 pH Strip Lot HC564992 Chlorine Strip Lot 1211515B

2. Temperature of rep. sample or temp blank when opened: 4.7 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 2 - front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) JA

7. Were custody seals on containers: YES NO and intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # \_\_\_\_\_

I certify that I unloaded the cooler and answered questions 7-14 (initial) MDM

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) MDM

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) MDM

I certify that I attached a label with the unique LIMS number to each container (initial) MDM

21. Were there Non-Conformance issues at login? YES...NO Was a NCM generated? YES...NO...# \_\_\_\_\_





Charleston Service Center

page 3 of 6

Loc: 490

104957

#1

A

6/28/2016

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division  
2960 Foster Creighton  
Nashville, TN 37204

Phone: 615-726-0177  
Toll Free: 800-765-0980  
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?

Compliance Monitoring? Yes      No     

Enforcement Action? Yes      No     

Client Name/Account #: S&ME # 2420

Address: 620 Wando Park Road

City/State/Zip: Mt. Pleasant, SC 29464

Project Manager: Don Goins email: dgoins@smeinc.com copy jkillingsworth@smeinc.com

Telephone Number: 843.884.0005 Fax No.: 843.884-1686

Sampler Name: (Print) *Don Goins*

Sampler Signature: *[Signature]*

Site State: SC

PO#: 40229

TA Quote #:

Project ID:

Project #: 4213-15-242 PHASE I

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative										Matrix					Analyze For										RUSH TAT (Pre-Schedule)	Standard TAT	Fax Results	Send OC with report			
							Ice	HNO <sub>3</sub> (Red Label)	HCl (Blue Label)	NaOH (Orange Label)	H <sub>2</sub> SO <sub>4</sub> Plastic (Yellow Label)	H <sub>2</sub> SO <sub>4</sub> Glass (Yellow Label)	None (Black Label)	Other (Specify)	Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	8082A PCBS	6010C LEAD, ZINC	CADMIUM, BARIUM															
CL-66	6-2-16	10:00	1	X													X																					
CL-67	"	10:05	1	X													X																					
CL-68	"	10:10	1	X													X																					
CL-69	"	"	1	X													X																					

**Special Instructions:**

Method of Shipment:				FEDEX	
Relinquished by:	Date	Time	Received by:	Date	Time
<i>[Signature]</i>	6/2/16	1640	<i>[Signature]</i>	6/2/16	1640
<i>[Signature]</i>	6/2/16	1730	<i>[Signature]</i>	6-3-16	1000

**Laboratory Comments:**  
Temperature Upon Receipt:       
VOCs Free of Headspace?      Y      N

*Fed Ex -> Test America  
Nashville*

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division  
2960 Foster Creighton  
Nashville, TN 37204

Phone: 615-726-0177  
Toll Free: 800-765-0980  
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?

Loc: 490  
104957  
#2

Compliance Monitoring? Yes A  
Enforcement Action? Yes NO

Client Name/Account #: S&ME # 2420

Address: 620 Wando Park Road

City/State/Zip: Mt. Pleasant, SC 29484

Project Manager: Don Goins email: dgoins@smeinc.com copy jkillingsworth@smeinc.com

Telephone Number: 843.884.0005

Fax No.: 843.884-1696

Sampler Name: (Print) Don Goins

Sampler Signature: [Signature]

Site State: SC

PO#: 40229

TA Quote #:

Project ID:

Project #: 4213-15-242 PHASE I

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative										Matrix					Analyze For:	RUSH TAT (Pre-Schedule)	Standard TAT	Fax Results	Send GC with report						
							Ice	HNO <sub>3</sub> (Red Label)	HCl (Blue Label)	NaOH (Orange Label)	H <sub>2</sub> SO <sub>4</sub> Plastic (Yellow Label)	H <sub>2</sub> SO <sub>4</sub> Glass (Yellow Label)	None (Black Label)	Other (Specify)	Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify)	8082A PCBS						6010C LEAD, ZINC	CADMIUM, BARIUM	Chromium			
CL-69	6-2-16	1:00	1		X															X	X	X	X	X					24	X		
CL-70		1:05	1		X															X	X	X	X	X					25			
CL-71		1:10	1		X															X	X	X	X	X					26			
CL-72		1:15	1		X															X	X	X	X	X					27			
CL-73		1:20	1		X															X	X	X	X	X					28			
CL-74		1:25	1		X															X	X	X	X	X					29			
CL-75		1:30	1		X															X	X	X	X	X					30			
CL-76		1:35	1		X															X	X	X	X	X					31			
CL-77		1:40	1		X															X	X	X	X	X					32			
CL-78		1:45	1		X															X	X	X	X	X					33			

Special Instructions:						Laboratory Comments:					
						Temperature Upon Receipt <u>4.7c</u>					
						VOCs Free of Headspace? <u>Y</u> <u>N</u>					
Relinquished by:		Date	Time	Method of Shipment:		FEDEX					
<u>[Signature]</u>		6/2/16	1640	<u>[Signature]</u>				6/2/16		1640	
Relinquished by:		Date	Time	Received by TestAmerica:							
<u>[Signature]</u>		6/2/16	1730	<u>[Signature]</u>				6-3-16		1000	

FedEx → Test America Nashville



**TestAmerica**  
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division  
2960 Foster Creighton  
Nashville, TN 37204

Phone: 615-726-0177  
Toll Free: 800-766-0980  
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?

Compliance Monitoring? Yes \_\_\_  
Enforcement Action? Yes \_\_\_ No \_\_\_

Client Name/Account #: S&ME # 2420

Address: 620 Wando Park Road

City/State/Zip: Mt. Pleasant, SC 29464

Project Manager: Don Goins email: dgoins@smelnc.com copy jkillingsworth@smelnc.com

Telephone Number: 843.884.0005 Fax No.: 843.884-1696

Sampler Name: (Print) Don Goins

Sampler Signature: 

Site State: SC

PO#: 40229

TA Quote #: \_\_\_\_\_

Project ID: \_\_\_\_\_

Project #: 4213-15-242 PHASE I

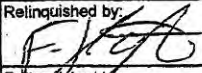
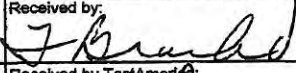
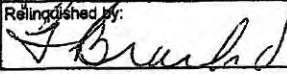

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative										Matrix		Analyze For:	RUSH TAT (Pre-Schedule)	Standard TAT	Fax Results	Send QC with report									
							Ice	HNO <sub>3</sub> (Red Label)	HCl (Blue Label)	NaOH (Orange Label)	H <sub>2</sub> SO <sub>4</sub> Plastic (Yellow Label)	H <sub>2</sub> SO <sub>4</sub> Glass (Yellow Label)	None (Black Label)	Other (Specify)	Groundwater	Wastewater	Drinking Water	Sludge						Soil	Other (specify)	8082A PCBS	6010C LEAD, ZINC	CADMIUM, BARIUM	Chromium			
CL-79	6-2-16	1:50																						34								
CL-80		1:55																							35							
CL-81		2:00																							36							
CL-82		2:05																							37							
CL-83		2:10																							38							
CL-84		2:15																							39							
CL-85		2:20																							40							
CL-86		2:25																							41							
CL-87		2:30																							42							
CL-88		2:35																							43							

Special Instructions:

Method of Shipment: FEDEX

Laboratory Comments:

Temperature Upon Receipt: 47c  
VOCs Free of Headpace? Y N

Relinquished by: <u></u>	Date: <u>6/2/16</u>	Time: <u>1640</u>	Received by: <u></u>	Date: <u>6/2/16</u>	Time: <u>1640</u>
Relinquished by: <u></u>	Date: <u>6/2/16</u>	Time: <u>1730</u>	Received by TestAmerica: <u></u>	Date: <u>6-3-16</u>	Time: <u>1000</u>

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Nashville



Nashville Division  
 2960 Foster Creighton  
 Nashville, TN 37204

Phone: 615-726-0177  
 Toll Free: 800-765-0980  
 Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?

Client Name/Account #: S&ME # 2420

Address: 620 Wando Park Road

City/State/Zip: Mt. Pleasant, SC 29464

Project Manager: Don Goins email: dgoins@smeinc.com copy jkillingsworth@smeinc.com

Telephone Number: 843.884.0005

Fax No.: 843.884-1696

Sampler Name: (Print) Don Goins

Sampler Signature: [Signature]

Compliance Monitoring? Yes  No

Enforcement Action? Yes  No

Site State: SC

PO#: 40229

TA Quote #:

Project ID:

Project #: 4213-15-242 PHASE I

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative										Matrix					Analyze For:					RUSH TAT (Pre-Schedule)	Standard TAT	Fax Results	Send CC with report					
							Ice	HNO <sub>3</sub> (Red Label)	HCl (Blue Label)	NaOH (Orange Label)	H <sub>2</sub> SO <sub>4</sub> Plastic (Yellow Label)	H <sub>2</sub> SO <sub>4</sub> Glass (Yellow Label)	None (Black Label)	Other (Specify)	Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	8082A, PCBs	6010C LEAD, ZINC	CADMIUM, BARIUM	Chromium											
CL-89	6-2-16	2:40																																	
CL-90		2:45																																	
CL-91		2:50																																	
CL-92		2:55																																	
CL-93		3:20																																	
CL-94		3:05																																	
CL-95		3:10																																	
CL-96		3:15																																	
CL-97		3:20																																	
CL-98		3:25																																	
Special Instructions:																	Laboratory Comments: Temperature Upon Receipt: 47°C VOCs Free of Headspace? Y N FedEx -> Test America Nashville																		
Relinquished by:		Date		Time		Method of Shipment:					FEDEX		Date		Time																				
[Signature]		6/2/16		1640		[Signature]					FEDEX		6.2.16		1647																				
Relinquished by:		Date		Time		Received by TestAmerica:					Date		Time																						
[Signature]		6/2/16				[Signature]					6.3.16		1000																						

## Login Sample Receipt Checklist

Client: S&ME, Inc.

Job Number: 490-104957-1  
SDG Number: 4213-15-242 Phase I

**Login Number: 104957**

**List Number: 1**

**Creator: McBride, Mike**

**List Source: TestAmerica Nashville**

Question	Answer	Comment
Radioactivity wasn't checked or is <= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Nashville  
2960 Foster Creighton Drive  
Nashville, TN 37204  
Tel: (615)726-0177


TestAmerica Job ID: 490-104998-1

TestAmerica Sample Delivery Group: 4213-15-242 PHASE I  
Client Project/Site: Patriots Point USS Clangore

For:

S&ME, Inc.  
620 Wando Park Boulevard  
Mt. Pleasant, South Carolina 29464

Attn: Mr. Don Goins



Authorized for release by:  
6/28/2016 6:03:35 PM

Ken Hayes, Project Manager II  
(615)301-5035  
[ken.hayes@testamericainc.com](mailto:ken.hayes@testamericainc.com)



### LINKS

Review your project results through  
**TotalAccess**

Have a Question?

 **Ask The Expert**

Visit us at:  
[www.testamericainc.com](http://www.testamericainc.com)

*The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

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# Sample Summary

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

3

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-104998-1	CL-99	Paint Chips	06/03/16 08:00	06/04/16 09:40
490-104998-2	CL-100	Paint Chips	06/03/16 08:05	06/04/16 09:40
490-104998-3	CL-101	Paint Chips	06/03/16 08:10	06/04/16 09:40
490-104998-4	CL-102	Paint Chips	06/03/16 08:15	06/04/16 09:40
490-104998-5	CL-103	Paint Chips	06/03/16 08:20	06/04/16 09:40
490-104998-6	CL-104	Paint Chips	06/03/16 08:30	06/04/16 09:40
490-104998-7	CL-105	Paint Chips	06/03/16 08:35	06/04/16 09:40
490-104998-8	CL-106	Paint Chips	06/03/16 08:40	06/04/16 09:40
490-104998-9	CL-107	Paint Chips	06/03/16 08:50	06/04/16 09:40
490-104998-10	CL-108	Paint Chips	06/03/16 08:45	06/04/16 09:40
490-104998-11	CL-109	Paint Chips	06/03/16 08:50	06/04/16 09:40
490-104998-12	CL-110	Paint Chips	06/03/16 08:55	06/04/16 09:40
490-104998-13	CL-111	Paint Chips	06/03/16 09:00	06/04/16 09:40
490-104998-14	CL-112	Paint Chips	06/03/16 09:05	06/04/16 09:40
490-104998-15	CL-113	Paint Chips	06/03/16 09:10	06/04/16 09:40
490-104998-16	CL-114	Paint Chips	06/03/16 00:01	06/04/16 09:40
490-104998-17	CL-115	Paint Chips	06/03/16 00:01	06/04/16 09:40
490-104998-18	CL-116	Paint Chips	06/03/16 00:01	06/04/16 09:40
490-104998-19	CL-117	Paint Chips	06/03/16 00:01	06/04/16 09:40
490-104998-20	CL-118	Paint Chips	06/03/16 00:01	06/04/16 09:40
490-104998-21	CL-119	Paint Chips	06/03/16 00:01	06/04/16 09:40
490-104998-22	CL-120	Paint Chips	06/03/16 00:01	06/04/16 09:40
490-104998-23	CL-121	Paint Chips	06/03/16 00:01	06/04/16 09:40
490-104998-24	CL-122	Paint Chips	06/03/16 00:01	06/04/16 09:40
490-104998-25	CL-123	Paint Chips	06/03/16 00:01	06/04/16 09:40
490-104998-26	CL-124	Paint Chips	06/03/16 00:01	06/04/16 09:40
490-104998-27	CL-125	Paint Chips	06/03/16 00:01	06/04/16 09:40
490-104998-28	CL-126	Paint Chips	06/03/16 00:01	06/04/16 09:40
490-104998-29	CL-127	Paint Chips	06/03/16 00:01	06/04/16 09:40
490-104998-30	CL-128	Paint Chips	06/03/16 00:01	06/04/16 09:40

## Case Narrative

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

**Job ID: 490-104998-1**

**Laboratory: TestAmerica Nashville**

### Narrative

#### Job Narrative 490-104998-1

### Comments

No additional comments.

### Receipt

The samples were received on 6/4/2016 9:40 AM; the samples arrived in good condition, properly preserved. The temperature of the cooler at receipt was 16.2° C.

### Receipt Exceptions

The following samples was received at the laboratory outside the required temperature criteria: CL-99 (490-104998-1), CL-100 (490-104998-2), CL-101 (490-104998-3), CL-102 (490-104998-4), CL-103 (490-104998-5), CL-104 (490-104998-6), CL-105 (490-104998-7), CL-106 (490-104998-8), CL-107 (490-104998-9), CL-108 (490-104998-10), CL-109 (490-104998-11), CL-110 (490-104998-12), CL-111 (490-104998-13), CL-112 (490-104998-14), CL-113 (490-104998-15), CL-114 (490-104998-16), CL-115 (490-104998-17), CL-116 (490-104998-18), CL-117 (490-104998-19), CL-118 (490-104998-20), CL-119 (490-104998-21), CL-120 (490-104998-22), CL-121 (490-104998-23), CL-122 (490-104998-24), CL-123 (490-104998-25), CL-124 (490-104998-26), CL-125 (490-104998-27), CL-126 (490-104998-28), CL-127 (490-104998-29) and CL-128 (490-104998-30).

The following samples was received at the laboratory without a sample collection time documented on the chain of custody: Data and Times were taken from the containers.

### GC Semi VOA

Method(s) 8082A: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 490-347404 and analytical batch 490-348850.

Method(s) 8082A: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with 490-347264.

Method(s) 8082A: The %RPD between the primary and confirmation column exceeded 40% for DCB Decachlorobiphenyl (Surr) and Tetrachloro-m-xylene for the following samples: CL-120 (490-104998-22). The lower value(s) has been reported and qualified in accordance with the laboratory's SOP.

Method(s) 8082A: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 490-349356 and analytical batch 490-349519.

Method(s) 8082A: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 490-347256.

Method(s) 8082A: The following samples was diluted due to the nature of the sample matrix: CL-104 (490-104998-6), CL-105 (490-104998-7), CL-106 (490-104998-8), CL-107 (490-104998-9), CL-108 (490-104998-10), CL-109 (490-104998-11), CL-111 (490-104998-13), CL-112 (490-104998-14), CL-113 (490-104998-15), CL-115 (490-104998-17) and CL-117 (490-104998-19). Elevated reporting limits (RLs) are provided.

Method(s) 8082A: Surrogate recovery for the following samples was outside control limits: CL-104 (490-104998-6), CL-105 (490-104998-7), CL-106 (490-104998-8), CL-107 (490-104998-9), CL-108 (490-104998-10), CL-109 (490-104998-11), CL-111 (490-104998-13), CL-112 (490-104998-14) and CL-113 (490-104998-15). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 8082A: The %RPD between the primary and confirmation column exceeded 40% for DCB Decachlorobiphenyl (Surr) and Tetrachloro-m-xylene for the following samples: CL-99 (490-104998-1), CL-100 (490-104998-2), CL-101 (490-104998-3), CL-102 (490-104998-4), CL-103 (490-104998-5), CL-104 (490-104998-6), CL-105 (490-104998-7), CL-106 (490-104998-8), CL-107 (490-104998-9), CL-108 (490-104998-10), CL-109 (490-104998-11), CL-111 (490-104998-13), CL-112 (490-104998-14) and CL-113 (490-104998-15). The lower value(s) has been reported and qualified in accordance with the laboratory's SOP.



## Case Narrative

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

### Job ID: 490-104998-1 (Continued)

#### Laboratory: TestAmerica Nashville (Continued)

Method(s) 8082A: The %RPD between the primary and confirmation column exceeded 40% for DCB Decachlorobiphenyl (Surr) for the following samples: CL-115 (490-104998-17). The lower value(s) has been reported and qualified in accordance with the laboratory's SOP.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### Metals

Method(s) 6010C: The method blank for 490-346061 contained zinc above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 6010C: The following sample(s) was diluted to bring the concentration of target analytes within the calibration range: lead at 10X; 1 mL sample in 9 mL blank. Elevated reporting limits (RLs) are provided.

Method(s) 6010C: The following sample(s) was diluted to bring the concentration of target analytes within the calibration range: zinc at 100X; 0.100 mL sample in 9.9 mL blank. Elevated reporting limits (RLs) are provided.

Method(s) 6010C: The following sample(s) was diluted to bring the concentration of target analytes within the calibration range: lead at 5X; 2 mL sample in 8 mL blank. Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### Organic Prep

Method(s) 3550C: Elevated reporting limits are provided for the following sample(s) due to insufficient sample provided for 3550C preparation/analysis: 8082A.

Method(s) 3550C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with 347264.

Method(s) 3550C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 490-349356.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.



## Definitions/Glossary

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

### Qualifiers

#### GC Semi VOA

Qualifier	Qualifier Description
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
X	Surrogate is outside control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

#### Metals

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

5

# Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

**Client Sample ID: CL-99**  
Date Collected: 06/03/16 08:00  
Date Received: 06/04/16 09:40

**Lab Sample ID: 490-104998-1**  
Matrix: Paint Chips

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0533		0.177	0.0533	ppm		06/13/16 11:14	06/26/16 13:01	1
PCB-1221	<0.0533		0.177	0.0533	ppm		06/13/16 11:14	06/26/16 13:01	1
PCB-1232	<0.107		0.177	0.107	ppm		06/13/16 11:14	06/26/16 13:01	1
PCB-1242	<0.0533		0.177	0.0533	ppm		06/13/16 11:14	06/26/16 13:01	1
PCB-1248	<0.0533		0.177	0.0533	ppm		06/13/16 11:14	06/26/16 13:01	1
<b>PCB-1254</b>	<b>0.324</b>		0.177	0.0533	ppm		06/13/16 11:14	06/26/16 13:01	1
PCB-1260	<0.0533		0.177	0.0533	ppm		06/13/16 11:14	06/26/16 13:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	63		20 - 150				06/13/16 11:14	06/26/16 13:01	1
Tetrachloro-m-xylene	59		19 - 147				06/13/16 11:14	06/26/16 13:01	1

## Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	393		1.98	0.988	mg/Kg		06/08/16 05:32	06/09/16 19:03	1
Cadmium	29.8		0.988	0.0988	mg/Kg		06/08/16 05:32	06/09/16 19:03	1
Lead	1100		0.988	0.494	mg/Kg		06/08/16 05:32	06/09/16 19:03	1
Zinc	109000	B	988	494	mg/Kg		06/08/16 05:32	06/10/16 11:19	100
Chromium	217		0.988	0.889	mg/Kg		06/08/16 05:32	06/09/16 19:03	1

# Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

**Client Sample ID: CL-100**  
Date Collected: 06/03/16 08:05  
Date Received: 06/04/16 09:40

**Lab Sample ID: 490-104998-2**  
Matrix: Paint Chips

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0223		0.0741	0.0223	ppm		06/13/16 11:14	06/26/16 13:16	1
PCB-1221	<0.0223		0.0741	0.0223	ppm		06/13/16 11:14	06/26/16 13:16	1
PCB-1232	<0.0445		0.0741	0.0445	ppm		06/13/16 11:14	06/26/16 13:16	1
PCB-1242	<0.0223		0.0741	0.0223	ppm		06/13/16 11:14	06/26/16 13:16	1
PCB-1248	<0.0223		0.0741	0.0223	ppm		06/13/16 11:14	06/26/16 13:16	1
PCB-1254	<0.0223		0.0741	0.0223	ppm		06/13/16 11:14	06/26/16 13:16	1
PCB-1260	<0.0223		0.0741	0.0223	ppm		06/13/16 11:14	06/26/16 13:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	61		20 - 150				06/13/16 11:14	06/26/16 13:16	1
Tetrachloro-m-xylene	49		19 - 147				06/13/16 11:14	06/26/16 13:16	1

## Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	3.49		1.92	0.960	mg/Kg		06/08/16 05:32	06/09/16 19:07	1
Cadmium	17.6		0.960	0.0960	mg/Kg		06/08/16 05:32	06/09/16 19:07	1
Lead	16.1		0.960	0.480	mg/Kg		06/08/16 05:32	06/09/16 19:07	1
Zinc	64.5	B	9.60	4.80	mg/Kg		06/08/16 05:32	06/09/16 19:07	1
Chromium	31.2		0.960	0.864	mg/Kg		06/08/16 05:32	06/09/16 19:07	1

## Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

**Client Sample ID: CL-101**

Date Collected: 06/03/16 08:10

Date Received: 06/04/16 09:40

**Lab Sample ID: 490-104998-3**

Matrix: Paint Chips

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0252		0.0838	0.0252	ppm		06/13/16 11:14	06/26/16 13:31	1
PCB-1221	<0.0252		0.0838	0.0252	ppm		06/13/16 11:14	06/26/16 13:31	1
PCB-1232	<0.0503		0.0838	0.0503	ppm		06/13/16 11:14	06/26/16 13:31	1
PCB-1242	<0.0252		0.0838	0.0252	ppm		06/13/16 11:14	06/26/16 13:31	1
PCB-1248	<0.0252		0.0838	0.0252	ppm		06/13/16 11:14	06/26/16 13:31	1
PCB-1254	<0.0252		0.0838	0.0252	ppm		06/13/16 11:14	06/26/16 13:31	1
PCB-1260	<0.0252		0.0838	0.0252	ppm		06/13/16 11:14	06/26/16 13:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	88		20 - 150	06/13/16 11:14	06/26/16 13:31	1
Tetrachloro-m-xylene	72		19 - 147	06/13/16 11:14	06/26/16 13:31	1

### Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	2.37		1.98	0.988	mg/Kg		06/08/16 05:32	06/09/16 19:12	1
Cadmium	22.9		0.988	0.0988	mg/Kg		06/08/16 05:32	06/09/16 19:12	1
Lead	11.6		0.988	0.494	mg/Kg		06/08/16 05:32	06/09/16 19:12	1
Zinc	54.6	B	9.88	4.94	mg/Kg		06/08/16 05:32	06/09/16 19:12	1
Chromium	40.1		0.988	0.889	mg/Kg		06/08/16 05:32	06/09/16 19:12	1

# Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
 SDG: 4213-15-242 PHASE I

**Client Sample ID: CL-102**  
 Date Collected: 06/03/16 08:15  
 Date Received: 06/04/16 09:40

**Lab Sample ID: 490-104998-4**  
 Matrix: Paint Chips

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit
PCB-1016	<0.0216		0.0720	0.0216	ppm
PCB-1221	<0.0216		0.0720	0.0216	ppm
PCB-1232	<0.0432		0.0720	0.0432	ppm
PCB-1242	<0.0216		0.0720	0.0216	ppm
PCB-1248	<0.0216		0.0720	0.0216	ppm
PCB-1254	<0.0216		0.0720	0.0216	ppm
PCB-1260	<0.0216		0.0720	0.0216	ppm

Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	66		20 - 150
Tetrachloro-m-xylene	49		19 - 147

## Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit
Barium	4.95		1.90	0.952	mg/Kg
Cadmium	23.8		0.952	0.0952	mg/Kg
Lead	13.7		0.952	0.476	mg/Kg
Zinc	175	B	9.52	4.76	mg/Kg
Chromium	47.4		0.952	0.857	mg/Kg

D	Prepared	Analyzed	Dil Fac
	06/13/16 11:14	06/26/16 13:47	1
	06/13/16 11:14	06/26/16 13:47	1
	06/13/16 11:14	06/26/16 13:47	1
	06/13/16 11:14	06/26/16 13:47	1
	06/13/16 11:14	06/26/16 13:47	1
	06/13/16 11:14	06/26/16 13:47	1
	06/13/16 11:14	06/26/16 13:47	1
	Prepared	Analyzed	Dil Fac
	06/13/16 11:14	06/26/16 13:47	1
	06/13/16 11:14	06/26/16 13:47	1

D	Prepared	Analyzed	Dil Fac
	06/08/16 05:32	06/09/16 19:16	1
	06/08/16 05:32	06/09/16 19:16	1
	06/08/16 05:32	06/09/16 19:16	1
	06/08/16 05:32	06/09/16 19:16	1
	06/08/16 05:32	06/09/16 19:16	1

## Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

**Client Sample ID: CL-103**

Date Collected: 06/03/16 08:20

Date Received: 06/04/16 09:40

**Lab Sample ID: 490-104998-5**

Matrix: Paint Chips

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit
PCB-1016	<0.0153		0.0510	0.0153	ppm
PCB-1221	<0.0153		0.0510	0.0153	ppm
PCB-1232	<0.0307		0.0510	0.0307	ppm
PCB-1242	<0.0153		0.0510	0.0153	ppm
PCB-1248	<0.0153		0.0510	0.0153	ppm
PCB-1254	<0.0153		0.0510	0.0153	ppm
PCB-1260	<0.0153		0.0510	0.0153	ppm

D	Prepared	Analyzed	Dil Fac
	06/13/16 11:14	06/26/16 14:02	1
	06/13/16 11:14	06/26/16 14:02	1
	06/13/16 11:14	06/26/16 14:02	1
	06/13/16 11:14	06/26/16 14:02	1
	06/13/16 11:14	06/26/16 14:02	1
	06/13/16 11:14	06/26/16 14:02	1
	06/13/16 11:14	06/26/16 14:02	1

Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	82		20 - 150
Tetrachloro-m-xylene	63		19 - 147

	Prepared	Analyzed	Dil Fac
	06/13/16 11:14	06/26/16 14:02	1
	06/13/16 11:14	06/26/16 14:02	1

### Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit
Barium	3.23		1.98	0.992	mg/Kg
Cadmium	19.6		0.992	0.0992	mg/Kg
Lead	13.0		0.992	0.496	mg/Kg
Zinc	144	B	9.92	4.96	mg/Kg
Chromium	35.9		0.992	0.893	mg/Kg

D	Prepared	Analyzed	Dil Fac
	06/08/16 05:32	06/09/16 19:21	1
	06/08/16 05:32	06/09/16 19:21	1
	06/08/16 05:32	06/09/16 19:21	1
	06/08/16 05:32	06/09/16 19:21	1
	06/08/16 05:32	06/09/16 19:21	1

## Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

**Client Sample ID: CL-104**

Date Collected: 06/03/16 08:30

Date Received: 06/04/16 09:40

**Lab Sample ID: 490-104998-6**

Matrix: Paint Chips

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0779		0.259	0.0779	ppm		06/13/16 11:14	06/26/16 14:17	5
PCB-1221	<0.0779		0.259	0.0779	ppm		06/13/16 11:14	06/26/16 14:17	5
PCB-1232	<0.156		0.259	0.156	ppm		06/13/16 11:14	06/26/16 14:17	5
PCB-1242	<0.0779		0.259	0.0779	ppm		06/13/16 11:14	06/26/16 14:17	5
PCB-1248	<0.0779		0.259	0.0779	ppm		06/13/16 11:14	06/26/16 14:17	5
PCB-1254	<0.0779		0.259	0.0779	ppm		06/13/16 11:14	06/26/16 14:17	5
PCB-1260	<0.0779		0.259	0.0779	ppm		06/13/16 11:14	06/26/16 14:17	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	33		20 - 150	06/13/16 11:14	06/26/16 14:17	5
Tetrachloro-m-xylene	4	pX	19 - 147	06/13/16 11:14	06/26/16 14:17	5

### Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	197		1.93	0.965	mg/Kg		06/08/16 05:32	06/09/16 19:26	1
Cadmium	15.0		0.965	0.0965	mg/Kg		06/08/16 05:32	06/09/16 19:26	1
Lead	26400		4.83	2.41	mg/Kg		06/08/16 05:32	06/10/16 11:32	5
Zinc	58000	B	965	483	mg/Kg		06/08/16 05:32	06/10/16 11:36	100
Chromium	1950		0.965	0.869	mg/Kg		06/08/16 05:32	06/09/16 19:26	1

## Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

**Client Sample ID: CL-105**

Date Collected: 06/03/16 08:35

Date Received: 06/04/16 09:40

**Lab Sample ID: 490-104998-7**

Matrix: Paint Chips

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit
PCB-1016	<0.0994		0.331	0.0994	ppm
PCB-1221	<0.0994		0.331	0.0994	ppm
PCB-1232	<0.199		0.331	0.199	ppm
PCB-1242	<0.0994		0.331	0.0994	ppm
PCB-1248	<0.0994		0.331	0.0994	ppm
PCB-1254	<0.0994		0.331	0.0994	ppm
PCB-1260	<0.0994		0.331	0.0994	ppm

D	Prepared	Analyzed	Dil Fac
	06/13/16 11:14	06/26/16 14:32	5
	06/13/16 11:14	06/26/16 14:32	5
	06/13/16 11:14	06/26/16 14:32	5
	06/13/16 11:14	06/26/16 14:32	5
	06/13/16 11:14	06/26/16 14:32	5
	06/13/16 11:14	06/26/16 14:32	5
	06/13/16 11:14	06/26/16 14:32	5

Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	14	p X	20 - 150
Tetrachloro-m-xylene	16	p X	19 - 147

	Prepared	Analyzed	Dil Fac
	06/13/16 11:14	06/26/16 14:32	5
	06/13/16 11:14	06/26/16 14:32	5

### Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit
Barium	196		1.90	0.952	mg/Kg
Cadmium	12.4		0.952	0.0952	mg/Kg
Lead	27300		4.76	2.38	mg/Kg
Zinc	39200	B	952	476	mg/Kg
Chromium	2720		0.952	0.857	mg/Kg

D	Prepared	Analyzed	Dil Fac
	06/08/16 05:32	06/09/16 19:39	1
	06/08/16 05:32	06/09/16 19:39	1
	06/08/16 05:32	06/10/16 11:41	5
	06/08/16 05:32	06/10/16 11:45	100
	06/08/16 05:32	06/09/16 19:39	1



# Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

**Client Sample ID: CL-106**

Date Collected: 06/03/16 08:40

Date Received: 06/04/16 09:40

**Lab Sample ID: 490-104998-8**

Matrix: Paint Chips

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit
PCB-1016	<0.0488		0.163	0.0488	ppm
PCB-1221	<0.0488		0.163	0.0488	ppm
PCB-1232	<0.0977		0.163	0.0977	ppm
PCB-1242	<0.0488		0.163	0.0488	ppm
PCB-1248	<0.0488		0.163	0.0488	ppm
PCB-1254	<0.0488		0.163	0.0488	ppm
PCB-1260	<0.0488		0.163	0.0488	ppm

D	Prepared	Analyzed	Dil Fac
	06/13/16 11:14	06/26/16 14:47	5
	06/13/16 11:14	06/26/16 14:47	5
	06/13/16 11:14	06/26/16 14:47	5
	06/13/16 11:14	06/26/16 14:47	5
	06/13/16 11:14	06/26/16 14:47	5
	06/13/16 11:14	06/26/16 14:47	5
	06/13/16 11:14	06/26/16 14:47	5

Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	2	p X	20 - 150
Tetrachloro-m-xylene	4	p X	19 - 147

	Prepared	Analyzed	Dil Fac
	06/13/16 11:14	06/26/16 14:47	5
	06/13/16 11:14	06/26/16 14:47	5

## Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit
Barium	181		1.95	0.977	mg/Kg
Cadmium	13.8		0.977	0.0977	mg/Kg
Lead	47400		9.77	4.88	mg/Kg
Zinc	63400	B	977	488	mg/Kg
Chromium	2780		0.977	0.879	mg/Kg

D	Prepared	Analyzed	Dil Fac
	06/08/16 05:32	06/09/16 19:44	1
	06/08/16 05:32	06/09/16 19:44	1
	06/08/16 05:32	06/10/16 11:49	10
	06/08/16 05:32	06/10/16 11:54	100
	06/08/16 05:32	06/09/16 19:44	1

# Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
 SDG: 4213-15-242 PHASE I

**Client Sample ID: CL-107**  
 Date Collected: 06/03/16 08:50  
 Date Received: 06/04/16 09:40

**Lab Sample ID: 490-104998-9**  
 Matrix: Paint Chips

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit
PCB-1016	<0.0823		0.274	0.0823	ppm
PCB-1221	<0.0823		0.274	0.0823	ppm
PCB-1232	<0.165		0.274	0.165	ppm
PCB-1242	<0.0823		0.274	0.0823	ppm
PCB-1248	<0.0823		0.274	0.0823	ppm
PCB-1254	<0.0823		0.274	0.0823	ppm
PCB-1260	<0.0823		0.274	0.0823	ppm

D	Prepared	Analyzed	Dil Fac
	06/13/16 11:14	06/26/16 15:02	5
	06/13/16 11:14	06/26/16 15:02	5
	06/13/16 11:14	06/26/16 15:02	5
	06/13/16 11:14	06/26/16 15:02	5
	06/13/16 11:14	06/26/16 15:02	5
	06/13/16 11:14	06/26/16 15:02	5
	06/13/16 11:14	06/26/16 15:02	5

Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	18	pX	20 - 150
Tetrachloro-m-xylene	16	pX	19 - 147

	Prepared	Analyzed	Dil Fac
	06/13/16 11:14	06/26/16 15:02	5
	06/13/16 11:14	06/26/16 15:02	5

### Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit
Barium	185		1.99	0.994	mg/Kg
Cadmium	13.8		0.994	0.0994	mg/Kg
Lead	31800		4.97	2.49	mg/Kg
Zinc	45800	B	994	497	mg/Kg
Chromium	2380		0.994	0.895	mg/Kg

D	Prepared	Analyzed	Dil Fac
	06/08/16 05:32	06/09/16 19:48	1
	06/08/16 05:32	06/09/16 19:48	1
	06/08/16 05:32	06/10/16 11:58	5
	06/08/16 05:32	06/10/16 12:02	100
	06/08/16 05:32	06/09/16 19:48	1

## Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

**Client Sample ID: CL-108**

Date Collected: 06/03/16 08:45

Date Received: 06/04/16 09:40

**Lab Sample ID: 490-104998-10**

Matrix: Paint Chips

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit
PCB-1016	<0.0720		0.240	0.0720	ppm
PCB-1221	<0.0720		0.240	0.0720	ppm
PCB-1232	<0.144		0.240	0.144	ppm
PCB-1242	<0.0720		0.240	0.0720	ppm
PCB-1248	<0.0720		0.240	0.0720	ppm
PCB-1254	<0.0720		0.240	0.0720	ppm
PCB-1260	<0.0720		0.240	0.0720	ppm

D	Prepared	Analyzed	Dil Fac
	06/13/16 11:14	06/26/16 15:18	5
	06/13/16 11:14	06/26/16 15:18	5
	06/13/16 11:14	06/26/16 15:18	5
	06/13/16 11:14	06/26/16 15:18	5
	06/13/16 11:14	06/26/16 15:18	5
	06/13/16 11:14	06/26/16 15:18	5
	06/13/16 11:14	06/26/16 15:18	5

Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	16	p X	20 - 150
Tetrachloro-m-xylene	15	X	19 - 147

	Prepared	Analyzed	Dil Fac
	06/13/16 11:14	06/26/16 15:18	5
	06/13/16 11:14	06/26/16 15:18	5

### Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit
Barium	185		1.96	0.982	mg/Kg
Cadmium	11.0		0.982	0.0982	mg/Kg
Lead	50100		9.82	4.91	mg/Kg
Zinc	45200	B	982	491	mg/Kg
Chromium	2760		0.982	0.884	mg/Kg

D	Prepared	Analyzed	Dil Fac
	06/08/16 05:32	06/09/16 19:53	1
	06/08/16 05:32	06/09/16 19:53	1
	06/08/16 05:32	06/10/16 12:06	10
	06/08/16 05:32	06/10/16 12:11	100
	06/08/16 05:32	06/09/16 19:53	1

## Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

**Client Sample ID: CL-109**

Date Collected: 06/03/16 08:50

Date Received: 06/04/16 09:40

**Lab Sample ID: 490-104998-11**

Matrix: Paint Chips

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit
PCB-1016	<0.0494		0.164	0.0494	ppm
PCB-1221	<0.0494		0.164	0.0494	ppm
PCB-1232	<0.0987		0.164	0.0987	ppm
PCB-1242	<0.0494		0.164	0.0494	ppm
PCB-1248	<0.0494		0.164	0.0494	ppm
PCB-1254	<0.0494		0.164	0.0494	ppm
PCB-1260	<0.0494		0.164	0.0494	ppm

D	Prepared	Analyzed	Dil Fac
	06/13/16 11:14	06/26/16 15:32	5
	06/13/16 11:14	06/26/16 15:32	5
	06/13/16 11:14	06/26/16 15:32	5
	06/13/16 11:14	06/26/16 15:32	5
	06/13/16 11:14	06/26/16 15:32	5
	06/13/16 11:14	06/26/16 15:32	5
	06/13/16 11:14	06/26/16 15:32	5

Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	3	p X	20 - 150
Tetrachloro-m-xylene	8	p X	19 - 147

	Prepared	Analyzed	Dil Fac
	06/13/16 11:14	06/26/16 15:32	5
	06/13/16 11:14	06/26/16 15:32	5

### Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit
Barium	215		1.90	0.952	mg/Kg
Cadmium	13.4		0.952	0.0952	mg/Kg
Lead	43800		9.52	4.76	mg/Kg
Zinc	65900	B	952	476	mg/Kg
Chromium	2750		0.952	0.857	mg/Kg

D	Prepared	Analyzed	Dil Fac
	06/08/16 05:32	06/09/16 19:57	1
	06/08/16 05:32	06/09/16 19:57	1
	06/08/16 05:32	06/13/16 13:51	10
	06/08/16 05:32	06/13/16 13:55	100
	06/08/16 05:32	06/09/16 19:57	1

## Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

**Client Sample ID: CL-110**

Date Collected: 06/03/16 08:55

Date Received: 06/04/16 09:40

**Lab Sample ID: 490-104998-12**

Matrix: Paint Chips

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00991		0.0330	0.00991	ppm		06/13/16 11:14	06/26/16 15:46	1
PCB-1221	<0.00991		0.0330	0.00991	ppm		06/13/16 11:14	06/26/16 15:46	1
PCB-1232	<0.0198		0.0330	0.0198	ppm		06/13/16 11:14	06/26/16 15:46	1
PCB-1242	<0.00991		0.0330	0.00991	ppm		06/13/16 11:14	06/26/16 15:46	1
PCB-1248	<0.00991		0.0330	0.00991	ppm		06/13/16 11:14	06/26/16 15:46	1
<b>PCB-1254</b>	<b>0.120</b>		0.0330	0.00991	ppm		06/13/16 11:14	06/26/16 15:46	1
PCB-1260	<0.00991		0.0330	0.00991	ppm		06/13/16 11:14	06/26/16 15:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	69		20 - 150				06/13/16 11:14	06/26/16 15:46	1
Tetrachloro-m-xylene	52		19 - 147				06/13/16 11:14	06/26/16 15:46	1

### Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	191		1.95	0.973	mg/Kg		06/08/16 05:32	06/09/16 20:02	1
Cadmium	16.2		0.973	0.0973	mg/Kg		06/08/16 05:32	06/09/16 20:02	1
Lead	9730		0.973	0.486	mg/Kg		06/08/16 05:32	06/09/16 20:02	1
Zinc	34100	B	973	486	mg/Kg		06/08/16 05:32	06/13/16 14:07	100
Chromium	1020		0.973	0.875	mg/Kg		06/08/16 05:32	06/09/16 20:02	1

## Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

**Client Sample ID: CL-111**

Date Collected: 06/03/16 09:00

Date Received: 06/04/16 09:40

**Lab Sample ID: 490-104998-13**

Matrix: Paint Chips

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit
PCB-1016	<0.0497		0.166	0.0497	ppm
PCB-1221	<0.0497		0.166	0.0497	ppm
PCB-1232	<0.0994		0.166	0.0994	ppm
PCB-1242	<0.0497		0.166	0.0497	ppm
PCB-1248	<0.0497		0.166	0.0497	ppm
PCB-1254	<0.0497		0.166	0.0497	ppm
PCB-1260	<0.0497		0.166	0.0497	ppm

D	Prepared	Analyzed	Dil Fac
	06/13/16 11:14	06/26/16 16:00	5
	06/13/16 11:14	06/26/16 16:00	5
	06/13/16 11:14	06/26/16 16:00	5
	06/13/16 11:14	06/26/16 16:00	5
	06/13/16 11:14	06/26/16 16:00	5
	06/13/16 11:14	06/26/16 16:00	5
	06/13/16 11:14	06/26/16 16:00	5

Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	0	pX	20 - 150
Tetrachloro-m-xylene	7	pX	19 - 147

	Prepared	Analyzed	Dil Fac
	06/13/16 11:14	06/26/16 16:00	5
	06/13/16 11:14	06/26/16 16:00	5

### Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit
Barium	266		1.99	0.994	mg/Kg
Cadmium	14.5		0.994	0.0994	mg/Kg
Lead	22400		4.97	2.49	mg/Kg
Zinc	79300	B	994	497	mg/Kg
Chromium	2500		0.994	0.895	mg/Kg

D	Prepared	Analyzed	Dil Fac
	06/08/16 05:32	06/09/16 20:07	1
	06/08/16 05:32	06/09/16 20:07	1
	06/08/16 05:32	06/13/16 14:12	5
	06/08/16 05:32	06/13/16 14:16	100
	06/08/16 05:32	06/09/16 20:07	1

## Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

**Client Sample ID: CL-112**

Date Collected: 06/03/16 09:05

Date Received: 06/04/16 09:40

**Lab Sample ID: 490-104998-14**

Matrix: Paint Chips

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0486		0.162	0.0486	ppm		06/13/16 11:14	06/26/16 16:14	5
PCB-1221	<0.0486		0.162	0.0486	ppm		06/13/16 11:14	06/26/16 16:14	5
PCB-1232	<0.0973		0.162	0.0973	ppm		06/13/16 11:14	06/26/16 16:14	5
PCB-1242	<0.0486		0.162	0.0486	ppm		06/13/16 11:14	06/26/16 16:14	5
PCB-1248	<0.0486		0.162	0.0486	ppm		06/13/16 11:14	06/26/16 16:14	5
PCB-1254	<0.0486		0.162	0.0486	ppm		06/13/16 11:14	06/26/16 16:14	5
PCB-1260	<0.0486		0.162	0.0486	ppm		06/13/16 11:14	06/26/16 16:14	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	9	p X	20 - 150	06/13/16 11:14	06/26/16 16:14	5
Tetrachloro-m-xylene	13	p X	19 - 147	06/13/16 11:14	06/26/16 16:14	5

### Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	171		1.96	0.982	mg/Kg		06/08/16 05:32	06/09/16 20:11	1
Cadmium	23.6		0.982	0.0982	mg/Kg		06/08/16 05:32	06/09/16 20:11	1
Lead	6900		0.982	0.491	mg/Kg		06/08/16 05:32	06/09/16 20:11	1
Zinc	42900	B	982	491	mg/Kg		06/08/16 05:32	06/13/16 14:20	100
Chromium	746		0.982	0.884	mg/Kg		06/08/16 05:32	06/09/16 20:11	1

## Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clangore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

**Client Sample ID: CL-113**

Date Collected: 06/03/16 09:10

Date Received: 06/04/16 09:40

**Lab Sample ID: 490-104998-15**

Matrix: Paint Chips

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0489		0.163	0.0489	ppm		06/13/16 11:14	06/26/16 16:29	5
PCB-1221	<0.0489		0.163	0.0489	ppm		06/13/16 11:14	06/26/16 16:29	5
PCB-1232	<0.0978		0.163	0.0978	ppm		06/13/16 11:14	06/26/16 16:29	5
PCB-1242	<0.0489		0.163	0.0489	ppm		06/13/16 11:14	06/26/16 16:29	5
PCB-1248	<0.0489		0.163	0.0489	ppm		06/13/16 11:14	06/26/16 16:29	5
PCB-1254	<0.0489		0.163	0.0489	ppm		06/13/16 11:14	06/26/16 16:29	5
PCB-1260	<0.0489		0.163	0.0489	ppm		06/13/16 11:14	06/26/16 16:29	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	8	pX	20 - 150	06/13/16 11:14	06/26/16 16:29	5
Tetrachloro-m-xylene	14	pX	19 - 147	06/13/16 11:14	06/26/16 16:29	5

### Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	218		2.02	1.01	mg/Kg		06/08/16 05:42	06/08/16 22:26	1
Cadmium	24.6		1.01	0.101	mg/Kg		06/08/16 05:42	06/08/16 22:26	1
Lead	15500		5.05	2.53	mg/Kg		06/08/16 05:42	06/09/16 12:51	5
Zinc	57000		505	253	mg/Kg		06/08/16 05:42	06/09/16 12:56	50
Chromium	1670		1.01	0.909	mg/Kg		06/08/16 05:42	06/08/16 22:26	1



# Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

**Client Sample ID: CL-114**

Date Collected: 06/03/16 00:01

Date Received: 06/04/16 09:40

**Lab Sample ID: 490-104998-16**

Matrix: Paint Chips

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00988		0.0329	0.00988	ppm		06/13/16 11:14	06/26/16 16:44	1
PCB-1221	<0.00988		0.0329	0.00988	ppm		06/13/16 11:14	06/26/16 16:44	1
PCB-1232	<0.0198		0.0329	0.0198	ppm		06/13/16 11:14	06/26/16 16:44	1
PCB-1242	<0.00988		0.0329	0.00988	ppm		06/13/16 11:14	06/26/16 16:44	1
PCB-1248	<0.00988		0.0329	0.00988	ppm		06/13/16 11:14	06/26/16 16:44	1
PCB-1254	<0.00988		0.0329	0.00988	ppm		06/13/16 11:14	06/26/16 16:44	1
PCB-1260	<0.00988		0.0329	0.00988	ppm		06/13/16 11:14	06/26/16 16:44	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	59		20 - 150				06/13/16 11:14	06/26/16 16:44	1
Tetrachloro-m-xylene	47		19 - 147				06/13/16 11:14	06/26/16 16:44	1

## Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	16.6		1.91	0.956	mg/Kg		06/08/16 05:42	06/08/16 22:30	1
Cadmium	17.6		0.956	0.0956	mg/Kg		06/08/16 05:42	06/08/16 22:30	1
Lead	356		0.956	0.478	mg/Kg		06/08/16 05:42	06/08/16 22:30	1
Zinc	446		9.56	4.78	mg/Kg		06/08/16 05:42	06/08/16 22:30	1
Chromium	150		0.956	0.860	mg/Kg		06/08/16 05:42	06/08/16 22:30	1

# Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
 SDG: 4213-15-242 PHASE I

**Client Sample ID: CL-115**

Date Collected: 06/03/16 00:01

Date Received: 06/04/16 09:40

**Lab Sample ID: 490-104998-17**

Matrix: Paint Chips

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0493		0.164	0.0493	ppm		06/13/16 11:14	06/26/16 16:59	5
PCB-1221	<0.0493		0.164	0.0493	ppm		06/13/16 11:14	06/26/16 16:59	5
PCB-1232	<0.0986		0.164	0.0986	ppm		06/13/16 11:14	06/26/16 16:59	5
PCB-1242	<0.0493		0.164	0.0493	ppm		06/13/16 11:14	06/26/16 16:59	5
PCB-1248	<0.0493		0.164	0.0493	ppm		06/13/16 11:14	06/26/16 16:59	5
PCB-1254	<0.0493		0.164	0.0493	ppm		06/13/16 11:14	06/26/16 16:59	5
PCB-1260	<0.0493		0.164	0.0493	ppm		06/13/16 11:14	06/26/16 16:59	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	32	p	20 - 150				06/13/16 11:14	06/26/16 16:59	5
Tetrachloro-m-xylene	21		19 - 147				06/13/16 11:14	06/26/16 16:59	5

## Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	5.61		2.01	1.01	mg/Kg		06/08/16 05:42	06/08/16 22:34	1
Cadmium	7.93		1.01	0.101	mg/Kg		06/08/16 05:42	06/08/16 22:34	1
Lead	298		1.01	0.503	mg/Kg		06/08/16 05:42	06/08/16 22:34	1
Zinc	101		10.1	5.03	mg/Kg		06/08/16 05:42	06/08/16 22:34	1
Chromium	113		1.01	0.905	mg/Kg		06/08/16 05:42	06/08/16 22:34	1

# Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

**Client Sample ID: CL-116**

Date Collected: 06/03/16 00:01

Date Received: 06/04/16 09:40

**Lab Sample ID: 490-104998-18**

Matrix: Paint Chips

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00991		0.0330	0.00991	ppm		06/13/16 11:14	06/26/16 17:13	1
PCB-1221	<0.00991		0.0330	0.00991	ppm		06/13/16 11:14	06/26/16 17:13	1
PCB-1232	<0.0198		0.0330	0.0198	ppm		06/13/16 11:14	06/26/16 17:13	1
PCB-1242	<0.00991		0.0330	0.00991	ppm		06/13/16 11:14	06/26/16 17:13	1
PCB-1248	<0.00991		0.0330	0.00991	ppm		06/13/16 11:14	06/26/16 17:13	1
PCB-1254	<0.00991		0.0330	0.00991	ppm		06/13/16 11:14	06/26/16 17:13	1
PCB-1260	<0.00991		0.0330	0.00991	ppm		06/13/16 11:14	06/26/16 17:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	88		20 - 150				06/13/16 11:14	06/26/16 17:13	1
Tetrachloro-m-xylene	79		19 - 147				06/13/16 11:14	06/26/16 17:13	1

## Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	14.4		1.95	0.977	mg/Kg		06/08/16 05:42	06/08/16 22:39	1
Cadmium	27.6		0.977	0.0977	mg/Kg		06/08/16 05:42	06/08/16 22:39	1
Lead	225		0.977	0.488	mg/Kg		06/08/16 05:42	06/08/16 22:39	1
Zinc	318		9.77	4.88	mg/Kg		06/08/16 05:42	06/08/16 22:39	1
Chromium	316		0.977	0.879	mg/Kg		06/08/16 05:42	06/08/16 22:39	1

# Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

**Client Sample ID: CL-117**

Date Collected: 06/03/16 00:01

Date Received: 06/04/16 09:40

**Lab Sample ID: 490-104998-19**

Matrix: Paint Chips

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit
PCB-1016	<0.0492		0.164	0.0492	ppm
PCB-1221	<0.0492		0.164	0.0492	ppm
PCB-1232	<0.0984		0.164	0.0984	ppm
PCB-1242	<0.0492		0.164	0.0492	ppm
PCB-1248	<0.0492		0.164	0.0492	ppm
PCB-1254	<0.0492		0.164	0.0492	ppm
PCB-1260	<0.0492		0.164	0.0492	ppm

Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	21		20 - 150
Tetrachloro-m-xylene	24		19 - 147

## Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit
Barium	50.8		1.96	0.982	mg/Kg
Cadmium	29.6		0.982	0.0982	mg/Kg
Lead	826		0.982	0.491	mg/Kg
Zinc	432		9.82	4.91	mg/Kg
Chromium	188		0.982	0.884	mg/Kg

D	Prepared	Analyzed	Dil Fac
	06/13/16 11:14	06/26/16 17:27	5
	06/13/16 11:14	06/26/16 17:27	5
	06/13/16 11:14	06/26/16 17:27	5
	06/13/16 11:14	06/26/16 17:27	5
	06/13/16 11:14	06/26/16 17:27	5
	06/13/16 11:14	06/26/16 17:27	5
	06/13/16 11:14	06/26/16 17:27	5
D	Prepared	Analyzed	Dil Fac
	06/13/16 11:14	06/26/16 17:27	5
	06/13/16 11:14	06/26/16 17:27	5

D	Prepared	Analyzed	Dil Fac
	06/08/16 05:42	06/08/16 22:43	1
	06/08/16 05:42	06/08/16 22:43	1
	06/08/16 05:42	06/08/16 22:43	1
	06/08/16 05:42	06/08/16 22:43	1
	06/08/16 05:42	06/08/16 22:43	1

# Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

**Client Sample ID: CL-118**

Date Collected: 06/03/16 00:01

Date Received: 06/04/16 09:40

**Lab Sample ID: 490-104998-20**

Matrix: Paint Chips

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00993		0.0331	0.00993	ppm		06/13/16 11:14	06/26/16 17:41	1
PCB-1221	<0.00993		0.0331	0.00993	ppm		06/13/16 11:14	06/26/16 17:41	1
PCB-1232	<0.0199		0.0331	0.0199	ppm		06/13/16 11:14	06/26/16 17:41	1
PCB-1242	<0.00993		0.0331	0.00993	ppm		06/13/16 11:14	06/26/16 17:41	1
PCB-1248	<0.00993		0.0331	0.00993	ppm		06/13/16 11:14	06/26/16 17:41	1
PCB-1254	<0.00993		0.0331	0.00993	ppm		06/13/16 11:14	06/26/16 17:41	1
PCB-1260	<0.00993		0.0331	0.00993	ppm		06/13/16 11:14	06/26/16 17:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	75		20 - 150				06/13/16 11:14	06/26/16 17:41	1
Tetrachloro-m-xylene	59		19 - 147				06/13/16 11:14	06/26/16 17:41	1

## Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	57.2		1.98	0.988	mg/Kg		06/08/16 05:42	06/08/16 22:47	1
Cadmium	29.6		0.988	0.0988	mg/Kg		06/08/16 05:42	06/08/16 22:47	1
Lead	287		0.988	0.494	mg/Kg		06/08/16 05:42	06/08/16 22:47	1
Zinc	169		9.88	4.94	mg/Kg		06/08/16 05:42	06/08/16 22:47	1
Chromium	203		0.988	0.889	mg/Kg		06/08/16 05:42	06/08/16 22:47	1

# Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
 SDG: 4213-15-242 PHASE I

**Client Sample ID: CL-119**  
 Date Collected: 06/03/16 00:01  
 Date Received: 06/04/16 09:40

**Lab Sample ID: 490-104998-21**  
 Matrix: Paint Chips

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00982		0.0327	0.00982	ppm		06/13/16 16:47	06/20/16 18:11	1
PCB-1221	<0.00982		0.0327	0.00982	ppm		06/13/16 16:47	06/20/16 18:11	1
PCB-1232	<0.0196		0.0327	0.0196	ppm		06/13/16 16:47	06/20/16 18:11	1
PCB-1242	<0.00982		0.0327	0.00982	ppm		06/13/16 16:47	06/20/16 18:11	1
PCB-1248	<0.00982		0.0327	0.00982	ppm		06/13/16 16:47	06/20/16 18:11	1
PCB-1254	<0.00982		0.0327	0.00982	ppm		06/13/16 16:47	06/20/16 18:11	1
PCB-1260	<0.00982		0.0327	0.00982	ppm		06/13/16 16:47	06/20/16 18:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	86		20 - 150				06/13/16 16:47	06/20/16 18:11	1
Tetrachloro-m-xylene	67		19 - 147				06/13/16 16:47	06/20/16 18:11	1

## Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	5.31		2.01	1.01	mg/Kg		06/08/16 05:42	06/08/16 22:52	1
Cadmium	14.3		1.01	0.101	mg/Kg		06/08/16 05:42	06/08/16 22:52	1
Lead	108		1.01	0.503	mg/Kg		06/08/16 05:42	06/08/16 22:52	1
Zinc	149		10.1	5.03	mg/Kg		06/08/16 05:42	06/08/16 22:52	1
Chromium	95.3		1.01	0.905	mg/Kg		06/08/16 05:42	06/08/16 22:52	1

# Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

**Client Sample ID: CL-120**  
Date Collected: 06/03/16 00:01  
Date Received: 06/04/16 09:40

**Lab Sample ID: 490-104998-22**  
Matrix: Paint Chips

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00970		0.0323	0.00970	ppm		06/13/16 16:47	06/20/16 18:25	1
PCB-1221	<0.00970		0.0323	0.00970	ppm		06/13/16 16:47	06/20/16 18:25	1
PCB-1232	<0.0194		0.0323	0.0194	ppm		06/13/16 16:47	06/20/16 18:25	1
PCB-1242	<0.00970		0.0323	0.00970	ppm		06/13/16 16:47	06/20/16 18:25	1
PCB-1248	<0.00970		0.0323	0.00970	ppm		06/13/16 16:47	06/20/16 18:25	1
PCB-1254	<0.00970		0.0323	0.00970	ppm		06/13/16 16:47	06/20/16 18:25	1
PCB-1260	<0.00970		0.0323	0.00970	ppm		06/13/16 16:47	06/20/16 18:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	110	p	20 - 150				06/13/16 16:47	06/20/16 18:25	1
Tetrachloro-m-xylene	84	p	19 - 147				06/13/16 16:47	06/20/16 18:25	1

## Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	8.14		1.96	0.978	mg/Kg		06/08/16 05:42	06/08/16 23:06	1
Cadmium	30.8		0.978	0.0978	mg/Kg		06/08/16 05:42	06/08/16 23:06	1
Lead	52.1		0.978	0.489	mg/Kg		06/08/16 05:42	06/08/16 23:06	1
Zinc	92.7		9.78	4.89	mg/Kg		06/08/16 05:42	06/08/16 23:06	1
Chromium	152		0.978	0.881	mg/Kg		06/08/16 05:42	06/08/16 23:06	1

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clangore

TestAmerica Job ID: 490-104998-1  
 SDG: 4213-15-242 PHASE I

**Client Sample ID: CL-121**

Date Collected: 06/03/16 00:01

Date Received: 06/04/16 09:40

**Lab Sample ID: 490-104998-23**

Matrix: Paint Chips

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00991		0.0330	0.00991	ppm		06/13/16 11:35	06/18/16 08:42	1
PCB-1221	<0.00991		0.0330	0.00991	ppm		06/13/16 11:35	06/18/16 08:42	1
PCB-1232	<0.0198		0.0330	0.0198	ppm		06/13/16 11:35	06/18/16 08:42	1
PCB-1242	<0.00991		0.0330	0.00991	ppm		06/13/16 11:35	06/18/16 08:42	1
PCB-1248	<0.00991		0.0330	0.00991	ppm		06/13/16 11:35	06/18/16 08:42	1
PCB-1254	<0.00991		0.0330	0.00991	ppm		06/13/16 11:35	06/18/16 08:42	1
PCB-1260	<0.00991		0.0330	0.00991	ppm		06/13/16 11:35	06/18/16 08:42	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	65		20 - 150				06/13/16 11:35	06/18/16 08:42	1
Tetrachloro-m-xylene	52		19 - 147				06/13/16 11:35	06/18/16 08:42	1

### Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	7.56		1.98	0.990	mg/Kg		06/08/16 05:42	06/08/16 23:10	1
Cadmium	18.0		0.990	0.0990	mg/Kg		06/08/16 05:42	06/08/16 23:10	1
Lead	102		0.990	0.495	mg/Kg		06/08/16 05:42	06/08/16 23:10	1
Zinc	95.3		9.90	4.95	mg/Kg		06/08/16 05:42	06/08/16 23:10	1
Chromium	213		0.990	0.891	mg/Kg		06/08/16 05:42	06/08/16 23:10	1



# Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
 SDG: 4213-15-242 PHASE I

**Client Sample ID: CL-122**  
 Date Collected: 06/03/16 00:01  
 Date Received: 06/04/16 09:40

**Lab Sample ID: 490-104998-24**  
 Matrix: Paint Chips

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00995		0.0331	0.00995	ppm		06/13/16 11:35	06/18/16 08:58	1
PCB-1221	<0.00995		0.0331	0.00995	ppm		06/13/16 11:35	06/18/16 08:58	1
PCB-1232	<0.0199		0.0331	0.0199	ppm		06/13/16 11:35	06/18/16 08:58	1
PCB-1242	<0.00995		0.0331	0.00995	ppm		06/13/16 11:35	06/18/16 08:58	1
PCB-1248	<0.00995		0.0331	0.00995	ppm		06/13/16 11:35	06/18/16 08:58	1
PCB-1254	<0.00995		0.0331	0.00995	ppm		06/13/16 11:35	06/18/16 08:58	1
PCB-1260	<0.00995		0.0331	0.00995	ppm		06/13/16 11:35	06/18/16 08:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	88		20 - 150				06/13/16 11:35	06/18/16 08:58	1
Tetrachloro-m-xylene	73		19 - 147				06/13/16 11:35	06/18/16 08:58	1

## Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	3.22		2.01	1.01	mg/Kg		06/08/16 05:42	06/08/16 23:14	1
Cadmium	12.4		1.01	0.101	mg/Kg		06/08/16 05:42	06/08/16 23:14	1
Lead	111		1.01	0.503	mg/Kg		06/08/16 05:42	06/08/16 23:14	1
Zinc	115		10.1	5.03	mg/Kg		06/08/16 05:42	06/08/16 23:14	1
Chromium	136		1.01	0.905	mg/Kg		06/08/16 05:42	06/08/16 23:14	1

# Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

**Client Sample ID: CL-123**

Date Collected: 06/03/16 00:01

Date Received: 06/04/16 09:40

**Lab Sample ID: 490-104998-25**

Matrix: Paint Chips

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0173		0.0576	0.0173	ppm		06/21/16 12:49	06/22/16 10:28	1
PCB-1221	<0.0173		0.0576	0.0173	ppm		06/21/16 12:49	06/22/16 10:28	1
PCB-1232	<0.0346		0.0576	0.0346	ppm		06/21/16 12:49	06/22/16 10:28	1
PCB-1242	<0.0173		0.0576	0.0173	ppm		06/21/16 12:49	06/22/16 10:28	1
PCB-1248	<0.0173		0.0576	0.0173	ppm		06/21/16 12:49	06/22/16 10:28	1
PCB-1254	0.0693		0.0576	0.0173	ppm		06/21/16 12:49	06/22/16 10:28	1
PCB-1260	<0.0173		0.0576	0.0173	ppm		06/21/16 12:49	06/22/16 10:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	68		20 - 150				06/21/16 12:49	06/22/16 10:28	1
Tetrachloro-m-xylene	54		19 - 147				06/21/16 12:49	06/22/16 10:28	1

## Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	252		1.98	0.988	mg/Kg		06/08/16 05:42	06/08/16 23:19	1
Cadmium	37.8		0.988	0.0988	mg/Kg		06/08/16 05:42	06/08/16 23:19	1
Lead	8470		0.988	0.494	mg/Kg		06/08/16 05:42	06/08/16 23:19	1
Zinc	708		9.88	4.94	mg/Kg		06/08/16 05:42	06/08/16 23:19	1
Chromium	559		0.988	0.889	mg/Kg		06/08/16 05:42	06/08/16 23:19	1

## Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

**Client Sample ID: CL-124**

Date Collected: 06/03/16 00:01

Date Received: 06/04/16 09:40

**Lab Sample ID: 490-104998-26**

Matrix: Paint Chips

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00971		0.0323	0.00971	ppm		06/13/16 11:35	06/18/16 09:27	1
PCB-1221	<0.00971		0.0323	0.00971	ppm		06/13/16 11:35	06/18/16 09:27	1
PCB-1232	<0.0194		0.0323	0.0194	ppm		06/13/16 11:35	06/18/16 09:27	1
PCB-1242	<0.00971		0.0323	0.00971	ppm		06/13/16 11:35	06/18/16 09:27	1
PCB-1248	<0.00971		0.0323	0.00971	ppm		06/13/16 11:35	06/18/16 09:27	1
PCB-1254	0.0288	J	0.0323	0.00971	ppm		06/13/16 11:35	06/18/16 09:27	1
PCB-1260	<0.00971		0.0323	0.00971	ppm		06/13/16 11:35	06/18/16 09:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	100		20 - 150	06/13/16 11:35	06/18/16 09:27	1
Tetrachloro-m-xylene	108		19 - 147	06/13/16 11:35	06/18/16 09:27	1

### Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	15.6		1.90	0.952	mg/Kg		06/08/16 05:42	06/08/16 23:23	1
Cadmium	13.0		0.952	0.0952	mg/Kg		06/08/16 05:42	06/08/16 23:23	1
Lead	1240		0.952	0.476	mg/Kg		06/08/16 05:42	06/08/16 23:23	1
Zinc	308		9.52	4.76	mg/Kg		06/08/16 05:42	06/08/16 23:23	1
Chromium	168		0.952	0.857	mg/Kg		06/08/16 05:42	06/08/16 23:23	1

## Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

**Client Sample ID: CL-125**

Date Collected: 06/03/16 00:01

Date Received: 06/04/16 09:40

**Lab Sample ID: 490-104998-27**

Matrix: Paint Chips

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit
PCB-1016	<0.00977		0.0325	0.00977	ppm
PCB-1221	<0.00977		0.0325	0.00977	ppm
PCB-1232	<0.0195		0.0325	0.0195	ppm
PCB-1242	<0.00977		0.0325	0.00977	ppm
PCB-1248	<0.00977		0.0325	0.00977	ppm
PCB-1254	0.0145	J	0.0325	0.00977	ppm
PCB-1260	<0.00977		0.0325	0.00977	ppm

D	Prepared	Analyzed	Dil Fac
	06/13/16 11:35	06/18/16 09:42	1
	06/13/16 11:35	06/18/16 09:42	1
	06/13/16 11:35	06/18/16 09:42	1
	06/13/16 11:35	06/18/16 09:42	1
	06/13/16 11:35	06/18/16 09:42	1
	06/13/16 11:35	06/18/16 09:42	1
	06/13/16 11:35	06/18/16 09:42	1

Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	75		20 - 150
Tetrachloro-m-xylene	53		19 - 147

	Prepared	Analyzed	Dil Fac
	06/13/16 11:35	06/18/16 09:42	1
	06/13/16 11:35	06/18/16 09:42	1

### Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit
Barium	26.0		2.01	1.01	mg/Kg
Cadmium	33.8		1.01	0.101	mg/Kg
Lead	17500		5.03	2.52	mg/Kg
Zinc	1160		10.1	5.03	mg/Kg
Chromium	957		1.01	0.905	mg/Kg

D	Prepared	Analyzed	Dil Fac
	06/08/16 05:42	06/08/16 23:28	1
	06/08/16 05:42	06/08/16 23:28	1
	06/08/16 05:42	06/09/16 13:00	5
	06/08/16 05:42	06/08/16 23:28	1
	06/08/16 05:42	06/08/16 23:28	1

## Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

**Client Sample ID: CL-126**

Date Collected: 06/03/16 00:01

Date Received: 06/04/16 09:40

**Lab Sample ID: 490-104998-28**

Matrix: Paint Chips

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00993		0.0331	0.00993	ppm		06/13/16 11:35	06/18/16 09:56	1
PCB-1221	<0.00993		0.0331	0.00993	ppm		06/13/16 11:35	06/18/16 09:56	1
PCB-1232	<0.0199		0.0331	0.0199	ppm		06/13/16 11:35	06/18/16 09:56	1
PCB-1242	<0.00993		0.0331	0.00993	ppm		06/13/16 11:35	06/18/16 09:56	1
PCB-1248	<0.00993		0.0331	0.00993	ppm		06/13/16 11:35	06/18/16 09:56	1
PCB-1254	<0.00993		0.0331	0.00993	ppm		06/13/16 11:35	06/18/16 09:56	1
PCB-1260	<0.00993		0.0331	0.00993	ppm		06/13/16 11:35	06/18/16 09:56	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	145		20 - 150				06/13/16 11:35	06/18/16 09:56	1
Tetrachloro-m-xylene	123		19 - 147				06/13/16 11:35	06/18/16 09:56	1

### Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	22.9		1.99	0.994	mg/Kg		06/08/16 05:42	06/08/16 23:32	1
Cadmium	36.4		0.994	0.0994	mg/Kg		06/08/16 05:42	06/08/16 23:32	1
Lead	148		0.994	0.497	mg/Kg		06/08/16 05:42	06/08/16 23:32	1
Zinc	190		9.94	4.97	mg/Kg		06/08/16 05:42	06/08/16 23:32	1
Chromium	256		0.994	0.895	mg/Kg		06/08/16 05:42	06/08/16 23:32	1

## Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

**Client Sample ID: CL-127**

Date Collected: 06/03/16 00:01

Date Received: 06/04/16 09:40

**Lab Sample ID: 490-104998-29**

Matrix: Paint Chips

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00995		0.0331	0.00995	ppm		06/13/16 11:35	06/18/16 10:11	1
PCB-1221	<0.00995		0.0331	0.00995	ppm		06/13/16 11:35	06/18/16 10:11	1
PCB-1232	<0.0199		0.0331	0.0199	ppm		06/13/16 11:35	06/18/16 10:11	1
PCB-1242	<0.00995		0.0331	0.00995	ppm		06/13/16 11:35	06/18/16 10:11	1
PCB-1248	<0.00995		0.0331	0.00995	ppm		06/13/16 11:35	06/18/16 10:11	1
PCB-1254	<0.00995		0.0331	0.00995	ppm		06/13/16 11:35	06/18/16 10:11	1
PCB-1260	<0.00995		0.0331	0.00995	ppm		06/13/16 11:35	06/18/16 10:11	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	80		20 - 150				06/13/16 11:35	06/18/16 10:11	1
Tetrachloro-m-xylene	63		19 - 147				06/13/16 11:35	06/18/16 10:11	1

### Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	6.63		1.90	0.952	mg/Kg		06/08/16 05:42	06/08/16 23:36	1
Cadmium	21.5		0.952	0.0952	mg/Kg		06/08/16 05:42	06/08/16 23:36	1
Lead	107		0.952	0.476	mg/Kg		06/08/16 05:42	06/08/16 23:36	1
Zinc	148		9.52	4.76	mg/Kg		06/08/16 05:42	06/08/16 23:36	1
Chromium	236		0.952	0.857	mg/Kg		06/08/16 05:42	06/08/16 23:36	1

## Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

**Client Sample ID: CL-128**

Date Collected: 06/03/16 00:01

Date Received: 06/04/16 09:40

**Lab Sample ID: 490-104998-30**

Matrix: Paint Chips

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00998		0.0332	0.00998	ppm		06/13/16 11:35	06/18/16 10:26	1
PCB-1221	<0.00998		0.0332	0.00998	ppm		06/13/16 11:35	06/18/16 10:26	1
PCB-1232	<0.0200		0.0332	0.0200	ppm		06/13/16 11:35	06/18/16 10:26	1
PCB-1242	<0.00998		0.0332	0.00998	ppm		06/13/16 11:35	06/18/16 10:26	1
PCB-1248	<0.00998		0.0332	0.00998	ppm		06/13/16 11:35	06/18/16 10:26	1
PCB-1254	0.0132	J p	0.0332	0.00998	ppm		06/13/16 11:35	06/18/16 10:26	1
PCB-1260	<0.00998		0.0332	0.00998	ppm		06/13/16 11:35	06/18/16 10:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	60		20 - 150	06/13/16 11:35	06/18/16 10:26	1
Tetrachloro-m-xylene	43		19 - 147	06/13/16 11:35	06/18/16 10:26	1

### Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	7.72		2.02	1.01	mg/Kg		06/10/16 05:45	06/10/16 18:15	1
Cadmium	22.1		1.01	0.101	mg/Kg		06/10/16 05:45	06/10/16 18:15	1
Lead	378		1.01	0.504	mg/Kg		06/10/16 05:45	06/13/16 11:25	1
Zinc	166		10.1	5.04	mg/Kg		06/10/16 05:45	06/10/16 18:15	1
Chromium	160		1.01	0.907	mg/Kg		06/10/16 05:45	06/10/16 18:15	1

# QC Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 490-347256/1-A  
Matrix: Solid  
Analysis Batch: 350741

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 347256

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	<0.0100		0.0333	0.0100	ppm		06/13/16 11:14	06/26/16 12:30	1
PCB-1221	<0.0100		0.0333	0.0100	ppm		06/13/16 11:14	06/26/16 12:30	1
PCB-1232	<0.0200		0.0333	0.0200	ppm		06/13/16 11:14	06/26/16 12:30	1
PCB-1242	<0.0100		0.0333	0.0100	ppm		06/13/16 11:14	06/26/16 12:30	1
PCB-1248	<0.0100		0.0333	0.0100	ppm		06/13/16 11:14	06/26/16 12:30	1
PCB-1254	<0.0100		0.0333	0.0100	ppm		06/13/16 11:14	06/26/16 12:30	1
PCB-1260	<0.0100		0.0333	0.0100	ppm		06/13/16 11:14	06/26/16 12:30	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl (Surr)	98		20 - 150	06/13/16 11:14	06/26/16 12:30	1
Tetrachloro-m-xylene	76		19 - 147	06/13/16 11:14	06/26/16 12:30	1

Lab Sample ID: LCS 490-347256/2-A  
Matrix: Solid  
Analysis Batch: 350741

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 347256

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
PCB-1016	0.167	0.1777		ppm		107	65 - 125
PCB-1260	0.167	0.1904		ppm		114	52 - 150

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl (Surr)	111		20 - 150
Tetrachloro-m-xylene	101		19 - 147

Lab Sample ID: MB 490-347264/1-A  
Matrix: Solid  
Analysis Batch: 348628

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 347264

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	<0.0100		0.0333	0.0100	ppm		06/13/16 11:35	06/18/16 08:13	1
PCB-1221	<0.0100		0.0333	0.0100	ppm		06/13/16 11:35	06/18/16 08:13	1
PCB-1232	<0.0200		0.0333	0.0200	ppm		06/13/16 11:35	06/18/16 08:13	1
PCB-1242	<0.0100		0.0333	0.0100	ppm		06/13/16 11:35	06/18/16 08:13	1
PCB-1248	<0.0100		0.0333	0.0100	ppm		06/13/16 11:35	06/18/16 08:13	1
PCB-1254	<0.0100		0.0333	0.0100	ppm		06/13/16 11:35	06/18/16 08:13	1
PCB-1260	<0.0100		0.0333	0.0100	ppm		06/13/16 11:35	06/18/16 08:13	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl (Surr)	135		20 - 150	06/13/16 11:35	06/18/16 08:13	1
Tetrachloro-m-xylene	112		19 - 147	06/13/16 11:35	06/18/16 08:13	1

Lab Sample ID: LCS 490-347264/2-A  
Matrix: Solid  
Analysis Batch: 348628

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 347264

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
PCB-1016	0.167	0.1300		ppm		78	65 - 125

TestAmerica Nashville



# QC Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 490-347264/2-A  
Matrix: Solid  
Analysis Batch: 348628

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 347264  
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
PCB-1260	0.167	0.1520		ppm		91	52 - 150

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	95		20 - 150
Tetrachloro-m-xylene	73		19 - 147

Lab Sample ID: MB 490-347404/1-A  
Matrix: Solid  
Analysis Batch: 348850

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 347404

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0100		0.0333	0.0100	ppm		06/13/16 16:47	06/20/16 17:42	1
PCB-1221	<0.0100		0.0333	0.0100	ppm		06/13/16 16:47	06/20/16 17:42	1
PCB-1232	<0.0200		0.0333	0.0200	ppm		06/13/16 16:47	06/20/16 17:42	1
PCB-1242	<0.0100		0.0333	0.0100	ppm		06/13/16 16:47	06/20/16 17:42	1
PCB-1248	<0.0100		0.0333	0.0100	ppm		06/13/16 16:47	06/20/16 17:42	1
PCB-1254	<0.0100		0.0333	0.0100	ppm		06/13/16 16:47	06/20/16 17:42	1
PCB-1260	<0.0100		0.0333	0.0100	ppm		06/13/16 16:47	06/20/16 17:42	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	123		20 - 150	06/13/16 16:47	06/20/16 17:42	1
Tetrachloro-m-xylene	97		19 - 147	06/13/16 16:47	06/20/16 17:42	1

Lab Sample ID: LCS 490-347404/2-A  
Matrix: Solid  
Analysis Batch: 348850

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 347404  
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
PCB-1016	0.167	0.1834		ppm		110	65 - 125
PCB-1260	0.167	0.2229		ppm		134	52 - 150

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	130		20 - 150
Tetrachloro-m-xylene	99		19 - 147

Lab Sample ID: MB 490-349356/1-A  
Matrix: Solid  
Analysis Batch: 349519

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 349356

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0100		0.0333	0.0100	ppm		06/21/16 12:49	06/22/16 09:58	1
PCB-1221	<0.0100		0.0333	0.0100	ppm		06/21/16 12:49	06/22/16 09:58	1
PCB-1232	<0.0200		0.0333	0.0200	ppm		06/21/16 12:49	06/22/16 09:58	1
PCB-1242	<0.0100		0.0333	0.0100	ppm		06/21/16 12:49	06/22/16 09:58	1
PCB-1248	<0.0100		0.0333	0.0100	ppm		06/21/16 12:49	06/22/16 09:58	1
PCB-1254	<0.0100		0.0333	0.0100	ppm		06/21/16 12:49	06/22/16 09:58	1
PCB-1260	<0.0100		0.0333	0.0100	ppm		06/21/16 12:49	06/22/16 09:58	1

TestAmerica Nashville

# QC Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 490-349356/1-A  
Matrix: Solid  
Analysis Batch: 349519

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 349356

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl (Surr)	88		20 - 150	06/21/16 12:49	06/22/16 09:58	1
Tetrachloro-m-xylene	71		19 - 147	06/21/16 12:49	06/22/16 09:58	1

Lab Sample ID: LCS 490-349356/2-A  
Matrix: Solid  
Analysis Batch: 349519

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 349356

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
PCB-1016	0.167	0.1452		ppm		87	65 - 125
PCB-1260	0.167	0.1737		ppm		104	52 - 150

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl (Surr)	92		20 - 150
Tetrachloro-m-xylene	74		19 - 147

## Method: 6010C - Metals (ICP)

Lab Sample ID: MB 490-346061/1-A  
Matrix: Solid  
Analysis Batch: 346737

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 346061

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Barium	<0.984		1.97	0.984	mg/Kg		06/08/16 05:32	06/09/16 17:37	1
Cadmium	<0.0984		0.984	0.0984	mg/Kg		06/08/16 05:32	06/09/16 17:37	1
Lead	<0.492		0.984	0.492	mg/Kg		06/08/16 05:32	06/09/16 17:37	1
Zinc	7.421	J	9.84	4.92	mg/Kg		06/08/16 05:32	06/09/16 17:37	1
Chromium	<0.886		0.984	0.886	mg/Kg		06/08/16 05:32	06/09/16 17:37	1

Lab Sample ID: LCS 490-346061/2-A  
Matrix: Solid  
Analysis Batch: 346737

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 346061

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
Barium	766	771.6		mg/Kg		101	80 - 120
Cadmium	19.2	19.33		mg/Kg		101	80 - 120
Lead	19.2	19.79		mg/Kg		103	80 - 120
Zinc	192	195.2		mg/Kg		102	80 - 120
Chromium	76.6	76.65		mg/Kg		100	80 - 120

Lab Sample ID: LCSD 490-346061/3-A  
Matrix: Solid  
Analysis Batch: 346737

Client Sample ID: Lab Control Sample Dup  
Prep Type: Total/NA  
Prep Batch: 346061

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	Limits	RPD	
		Result	Qualifier					RPD	Limit
Barium	786	792.5		mg/Kg		101	80 - 120	3	20
Cadmium	19.6	19.80		mg/Kg		101	80 - 120	2	20
Lead	19.6	20.12		mg/Kg		102	80 - 120	2	20
Zinc	196	195.7		mg/Kg		100	80 - 120	0	20

TestAmerica Nashville

# QC Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

## Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCSD 490-346061/3-A  
Matrix: Solid  
Analysis Batch: 346737

Client Sample ID: Lab Control Sample Dup  
Prep Type: Total/NA  
Prep Batch: 346061  
%Rec. RPD

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chromium	78.6	79.72		mg/Kg		101	80 - 120	4	20

Lab Sample ID: 490-105118-A-1-C MS  
Matrix: Solid  
Analysis Batch: 346737

Client Sample ID: Matrix Spike  
Prep Type: Total/NA  
Prep Batch: 346061  
%Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Barium	8.81		762	759.4		mg/Kg		99	75 - 125
Cadmium	<0.0975		19.0	18.65		mg/Kg		98	75 - 125
Lead	7.43	F1	19.0	20.61	F1	mg/Kg		69	75 - 125
Zinc	74.8	B F2	190	220.6		mg/Kg		77	75 - 125
Chromium	4.09		76.2	77.47		mg/Kg		96	75 - 125

Lab Sample ID: 490-105118-A-1-D MSD  
Matrix: Solid  
Analysis Batch: 346737

Client Sample ID: Matrix Spike Duplicate  
Prep Type: Total/NA  
Prep Batch: 346061  
%Rec. RPD

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Barium	8.81		789	792.1		mg/Kg		99	75 - 125	4	20
Cadmium	<0.0975		19.7	19.41		mg/Kg		98	75 - 125	4	20
Lead	7.43	F1	19.7	22.90		mg/Kg		78	75 - 125	11	20
Zinc	74.8	B F2	197	276.1	F2	mg/Kg		102	75 - 125	22	20
Chromium	4.09		78.9	81.99		mg/Kg		99	75 - 125	6	20

Lab Sample ID: MB 490-346063/1-A  
Matrix: Solid  
Analysis Batch: 346397

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 346063

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	<0.967		1.93	0.967	mg/Kg		06/08/16 05:42	06/08/16 21:24	1
Cadmium	<0.0967		0.967	0.0967	mg/Kg		06/08/16 05:42	06/08/16 21:24	1
Lead	<0.484		0.967	0.484	mg/Kg		06/08/16 05:42	06/08/16 21:24	1
Zinc	<4.84		9.67	4.84	mg/Kg		06/08/16 05:42	06/08/16 21:24	1
Chromium	<0.870		0.967	0.870	mg/Kg		06/08/16 05:42	06/08/16 21:24	1

Lab Sample ID: LCS 490-346063/2-A  
Matrix: Solid  
Analysis Batch: 346397

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 346063  
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Barium	789	779.5		mg/Kg		99	80 - 120
Cadmium	19.7	19.27		mg/Kg		98	80 - 120
Lead	19.7	19.76		mg/Kg		100	80 - 120
Zinc	197	189.5		mg/Kg		96	80 - 120
Chromium	78.9	80.30		mg/Kg		102	80 - 120

# QC Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

## Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 490-103938-A-1-J MS  
Matrix: Solid  
Analysis Batch: 346397

Client Sample ID: Matrix Spike  
Prep Type: Total/NA  
Prep Batch: 346063  
%Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Barium	48.2	F1	777	582.7	F1	mg/Kg		69	75 - 125
Cadmium	0.100	J F1	19.4	13.50	F1	mg/Kg		69	75 - 125
Lead	8.88	F2 F1	19.4	30.76		mg/Kg		113	75 - 125
Zinc	9.48	J F1	194	166.6		mg/Kg		81	75 - 125
Chromium	4.98	F1	77.7	59.98	F1	mg/Kg		71	75 - 125

Lab Sample ID: 490-103938-A-1-K MSD  
Matrix: Solid  
Analysis Batch: 346397

Client Sample ID: Matrix Spike Duplicate  
Prep Type: Total/NA  
Prep Batch: 346063  
%Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Barium	48.2	F1	792	553.9	F1	mg/Kg		64	75 - 125	5	20
Cadmium	0.100	J F1	19.8	13.03	F1	mg/Kg		65	75 - 125	4	20
Lead	8.88	F2 F1	19.8	20.55	F1 F2	mg/Kg		59	75 - 125	40	20
Zinc	9.48	J F1	198	144.7	F1	mg/Kg		68	75 - 125	14	20
Chromium	4.98	F1	79.2	57.96	F1	mg/Kg		67	75 - 125	3	20

Lab Sample ID: MB 490-346733/1-A  
Matrix: Solid  
Analysis Batch: 347147

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 346733

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	<0.996		1.99	0.996	mg/Kg		06/10/16 05:45	06/10/16 16:25	1
Cadmium	<0.0996		0.996	0.0996	mg/Kg		06/10/16 05:45	06/10/16 16:25	1
Zinc	<4.98		9.96	4.98	mg/Kg		06/10/16 05:45	06/10/16 16:25	1
Chromium	<0.896		0.996	0.896	mg/Kg		06/10/16 05:45	06/10/16 16:25	1

Lab Sample ID: MB 490-346733/1-A  
Matrix: Solid  
Analysis Batch: 347355

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 346733

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.498		0.996	0.498	mg/Kg		06/10/16 05:45	06/13/16 10:32	1

Lab Sample ID: LCS 490-346733/2-A  
Matrix: Solid  
Analysis Batch: 347147

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 346733  
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Barium	781	781.1		mg/Kg		100	80 - 120
Cadmium	19.5	19.32		mg/Kg		99	80 - 120
Zinc	195	192.6		mg/Kg		99	80 - 120
Chromium	78.1	81.56		mg/Kg		104	80 - 120

# QC Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

## Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCS 490-346733/2-A  
Matrix: Solid  
Analysis Batch: 347355

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 346733  
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Lead	19.5	20.92		mg/Kg		107	80 - 120

Lab Sample ID: LCSD 490-346733/3-A  
Matrix: Solid  
Analysis Batch: 347147

Client Sample ID: Lab Control Sample Dup  
Prep Type: Total/NA  
Prep Batch: 346733  
%Rec.

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Barium	798	795.8		mg/Kg		100	80 - 120	2	20
Cadmium	20.0	19.82		mg/Kg		99	80 - 120	3	20
Zinc	200	196.5		mg/Kg		98	80 - 120	2	20
Chromium	79.8	82.63		mg/Kg		104	80 - 120	1	20

Lab Sample ID: LCSD 490-346733/3-A  
Matrix: Solid  
Analysis Batch: 347355

Client Sample ID: Lab Control Sample Dup  
Prep Type: Total/NA  
Prep Batch: 346733  
%Rec.

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Lead	20.0	21.36		mg/Kg		107	80 - 120	2	20

Lab Sample ID: 490-105029-A-1-H MS  
Matrix: Solid  
Analysis Batch: 347147

Client Sample ID: Matrix Spike  
Prep Type: Total/NA  
Prep Batch: 346733  
%Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Barium	30.2		77.1	780.2		mg/Kg		97	75 - 125
Cadmium	<0.0984		19.3	17.76		mg/Kg		92	75 - 125
Zinc	18.6		193	200.4		mg/Kg		94	75 - 125
Chromium	3.13		77.1	85.90		mg/Kg		107	75 - 125

Lab Sample ID: 490-105029-A-1-H MS  
Matrix: Solid  
Analysis Batch: 347355

Client Sample ID: Matrix Spike  
Prep Type: Total/NA  
Prep Batch: 346733  
%Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Lead	4.84		19.3	23.20		mg/Kg		95	75 - 125

Lab Sample ID: 490-105029-A-1-I MSD  
Matrix: Solid  
Analysis Batch: 347147

Client Sample ID: Matrix Spike Duplicate  
Prep Type: Total/NA  
Prep Batch: 346733  
%Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Barium	30.2		769	766.2		mg/Kg		96	75 - 125	2	20
Cadmium	<0.0984		19.2	17.50		mg/Kg		91	75 - 125	2	20
Zinc	18.6		192	196.0		mg/Kg		92	75 - 125	2	20
Chromium	3.13		76.9	78.33		mg/Kg		98	75 - 125	9	20

# QC Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

## Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 490-105029-A-1-I MSD  
Matrix: Solid  
Analysis Batch: 347355

Client Sample ID: Matrix Spike Duplicate  
Prep Type: Total/NA  
Prep Batch: 346733  
%Rec. RPD

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Lead	4.84		19.2	22.67		mg/Kg		93	75 - 125	2	20

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# QC Association Summary

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

## GC Semi VOA

### Prep Batch: 347256

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-104998-1	CL-99	Total/NA	Paint Chips	3550C	
490-104998-2	CL-100	Total/NA	Paint Chips	3550C	
490-104998-3	CL-101	Total/NA	Paint Chips	3550C	
490-104998-4	CL-102	Total/NA	Paint Chips	3550C	
490-104998-5	CL-103	Total/NA	Paint Chips	3550C	
490-104998-6	CL-104	Total/NA	Paint Chips	3550C	
490-104998-7	CL-105	Total/NA	Paint Chips	3550C	
490-104998-8	CL-106	Total/NA	Paint Chips	3550C	
490-104998-9	CL-107	Total/NA	Paint Chips	3550C	
490-104998-10	CL-108	Total/NA	Paint Chips	3550C	
490-104998-11	CL-109	Total/NA	Paint Chips	3550C	
490-104998-12	CL-110	Total/NA	Paint Chips	3550C	
490-104998-13	CL-111	Total/NA	Paint Chips	3550C	
490-104998-14	CL-112	Total/NA	Paint Chips	3550C	
490-104998-15	CL-113	Total/NA	Paint Chips	3550C	
490-104998-16	CL-114	Total/NA	Paint Chips	3550C	
490-104998-17	CL-115	Total/NA	Paint Chips	3550C	
490-104998-18	CL-116	Total/NA	Paint Chips	3550C	
490-104998-19	CL-117	Total/NA	Paint Chips	3550C	
490-104998-20	CL-118	Total/NA	Paint Chips	3550C	
LCS 490-347256/2-A	Lab Control Sample	Total/NA	Solid	3550C	
MB 490-347256/1-A	Method Blank	Total/NA	Solid	3550C	

### Prep Batch: 347264

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-104998-23	CL-121	Total/NA	Paint Chips	3550C	
490-104998-24	CL-122	Total/NA	Paint Chips	3550C	
490-104998-26	CL-124	Total/NA	Paint Chips	3550C	
490-104998-27	CL-125	Total/NA	Paint Chips	3550C	
490-104998-28	CL-126	Total/NA	Paint Chips	3550C	
490-104998-29	CL-127	Total/NA	Paint Chips	3550C	
490-104998-30	CL-128	Total/NA	Paint Chips	3550C	
LCS 490-347264/2-A	Lab Control Sample	Total/NA	Solid	3550C	
MB 490-347264/1-A	Method Blank	Total/NA	Solid	3550C	

### Prep Batch: 347404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-104998-21	CL-119	Total/NA	Paint Chips	3550C	
490-104998-22	CL-120	Total/NA	Paint Chips	3550C	
LCS 490-347404/2-A	Lab Control Sample	Total/NA	Solid	3550C	
MB 490-347404/1-A	Method Blank	Total/NA	Solid	3550C	

### Analysis Batch: 348628

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-104998-23	CL-121	Total/NA	Paint Chips	8082A	347264
490-104998-24	CL-122	Total/NA	Paint Chips	8082A	347264
490-104998-26	CL-124	Total/NA	Paint Chips	8082A	347264
490-104998-27	CL-125	Total/NA	Paint Chips	8082A	347264
490-104998-28	CL-126	Total/NA	Paint Chips	8082A	347264
490-104998-29	CL-127	Total/NA	Paint Chips	8082A	347264
490-104998-30	CL-128	Total/NA	Paint Chips	8082A	347264

TestAmerica Nashville

# QC Association Summary

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

## GC Semi VOA (Continued)

### Analysis Batch: 348628 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 490-347264/2-A	Lab Control Sample	Total/NA	Solid	8082A	347264
MB 490-347264/1-A	Method Blank	Total/NA	Solid	8082A	347264

### Analysis Batch: 348850

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-104998-21	CL-119	Total/NA	Paint Chips	8082A	347404
490-104998-22	CL-120	Total/NA	Paint Chips	8082A	347404
LCS 490-347404/2-A	Lab Control Sample	Total/NA	Solid	8082A	347404
MB 490-347404/1-A	Method Blank	Total/NA	Solid	8082A	347404

### Prep Batch: 349356

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-104998-25	CL-123	Total/NA	Paint Chips	3550C	
LCS 490-349356/2-A	Lab Control Sample	Total/NA	Solid	3550C	
MB 490-349356/1-A	Method Blank	Total/NA	Solid	3550C	

### Analysis Batch: 349519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-104998-25	CL-123	Total/NA	Paint Chips	8082A	349356
LCS 490-349356/2-A	Lab Control Sample	Total/NA	Solid	8082A	349356
MB 490-349356/1-A	Method Blank	Total/NA	Solid	8082A	349356

### Analysis Batch: 350741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-104998-1	CL-99	Total/NA	Paint Chips	8082A	347256
490-104998-2	CL-100	Total/NA	Paint Chips	8082A	347256
490-104998-3	CL-101	Total/NA	Paint Chips	8082A	347256
490-104998-4	CL-102	Total/NA	Paint Chips	8082A	347256
490-104998-5	CL-103	Total/NA	Paint Chips	8082A	347256
490-104998-6	CL-104	Total/NA	Paint Chips	8082A	347256
490-104998-7	CL-105	Total/NA	Paint Chips	8082A	347256
490-104998-8	CL-106	Total/NA	Paint Chips	8082A	347256
490-104998-9	CL-107	Total/NA	Paint Chips	8082A	347256
490-104998-10	CL-108	Total/NA	Paint Chips	8082A	347256
490-104998-11	CL-109	Total/NA	Paint Chips	8082A	347256
490-104998-12	CL-110	Total/NA	Paint Chips	8082A	347256
490-104998-13	CL-111	Total/NA	Paint Chips	8082A	347256
490-104998-14	CL-112	Total/NA	Paint Chips	8082A	347256
490-104998-15	CL-113	Total/NA	Paint Chips	8082A	347256
490-104998-16	CL-114	Total/NA	Paint Chips	8082A	347256
490-104998-17	CL-115	Total/NA	Paint Chips	8082A	347256
490-104998-18	CL-116	Total/NA	Paint Chips	8082A	347256
490-104998-19	CL-117	Total/NA	Paint Chips	8082A	347256
490-104998-20	CL-118	Total/NA	Paint Chips	8082A	347256
LCS 490-347256/2-A	Lab Control Sample	Total/NA	Solid	8082A	347256
MB 490-347256/1-A	Method Blank	Total/NA	Solid	8082A	347256



# QC Association Summary

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

## Metals

### Prep Batch: 346061

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-104998-1	CL-99	Total/NA	Paint Chips	3051A	
490-104998-2	CL-100	Total/NA	Paint Chips	3051A	
490-104998-3	CL-101	Total/NA	Paint Chips	3051A	
490-104998-4	CL-102	Total/NA	Paint Chips	3051A	
490-104998-5	CL-103	Total/NA	Paint Chips	3051A	
490-104998-6	CL-104	Total/NA	Paint Chips	3051A	
490-104998-7	CL-105	Total/NA	Paint Chips	3051A	
490-104998-8	CL-106	Total/NA	Paint Chips	3051A	
490-104998-9	CL-107	Total/NA	Paint Chips	3051A	
490-104998-10	CL-108	Total/NA	Paint Chips	3051A	
490-104998-11	CL-109	Total/NA	Paint Chips	3051A	
490-104998-12	CL-110	Total/NA	Paint Chips	3051A	
490-104998-13	CL-111	Total/NA	Paint Chips	3051A	
490-104998-14	CL-112	Total/NA	Paint Chips	3051A	
490-105118-A-1-C MS	Matrix Spike	Total/NA	Solid	3051A	
490-105118-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	3051A	
LCS 490-346061/2-A	Lab Control Sample	Total/NA	Solid	3051A	
LCSD 490-346061/3-A	Lab Control Sample Dup	Total/NA	Solid	3051A	
MB 490-346061/1-A	Method Blank	Total/NA	Solid	3051A	

### Prep Batch: 346063

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-103938-A-1-J MS	Matrix Spike	Total/NA	Solid	3051A	
490-103938-A-1-K MSD	Matrix Spike Duplicate	Total/NA	Solid	3051A	
490-104998-15	CL-113	Total/NA	Paint Chips	3051A	
490-104998-16	CL-114	Total/NA	Paint Chips	3051A	
490-104998-17	CL-115	Total/NA	Paint Chips	3051A	
490-104998-18	CL-116	Total/NA	Paint Chips	3051A	
490-104998-19	CL-117	Total/NA	Paint Chips	3051A	
490-104998-20	CL-118	Total/NA	Paint Chips	3051A	
490-104998-21	CL-119	Total/NA	Paint Chips	3051A	
490-104998-22	CL-120	Total/NA	Paint Chips	3051A	
490-104998-23	CL-121	Total/NA	Paint Chips	3051A	
490-104998-24	CL-122	Total/NA	Paint Chips	3051A	
490-104998-25	CL-123	Total/NA	Paint Chips	3051A	
490-104998-26	CL-124	Total/NA	Paint Chips	3051A	
490-104998-27	CL-125	Total/NA	Paint Chips	3051A	
490-104998-28	CL-126	Total/NA	Paint Chips	3051A	
490-104998-29	CL-127	Total/NA	Paint Chips	3051A	
LCS 490-346063/2-A	Lab Control Sample	Total/NA	Solid	3051A	
MB 490-346063/1-A	Method Blank	Total/NA	Solid	3051A	

### Analysis Batch: 346397

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-103938-A-1-J MS	Matrix Spike	Total/NA	Solid	6010C	346063
490-103938-A-1-K MSD	Matrix Spike Duplicate	Total/NA	Solid	6010C	346063
490-104998-15	CL-113	Total/NA	Paint Chips	6010C	346063
490-104998-16	CL-114	Total/NA	Paint Chips	6010C	346063
490-104998-17	CL-115	Total/NA	Paint Chips	6010C	346063
490-104998-18	CL-116	Total/NA	Paint Chips	6010C	346063
490-104998-19	CL-117	Total/NA	Paint Chips	6010C	346063

TestAmerica Nashville

# QC Association Summary

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

## Metals (Continued)

### Analysis Batch: 346397 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-104998-20	CL-118	Total/NA	Paint Chips	6010C	346063
490-104998-21	CL-119	Total/NA	Paint Chips	6010C	346063
490-104998-22	CL-120	Total/NA	Paint Chips	6010C	346063
490-104998-23	CL-121	Total/NA	Paint Chips	6010C	346063
490-104998-24	CL-122	Total/NA	Paint Chips	6010C	346063
490-104998-25	CL-123	Total/NA	Paint Chips	6010C	346063
490-104998-26	CL-124	Total/NA	Paint Chips	6010C	346063
490-104998-27	CL-125	Total/NA	Paint Chips	6010C	346063
490-104998-28	CL-126	Total/NA	Paint Chips	6010C	346063
490-104998-29	CL-127	Total/NA	Paint Chips	6010C	346063
LCS 490-346063/2-A	Lab Control Sample	Total/NA	Solid	6010C	346063
MB 490-346063/1-A	Method Blank	Total/NA	Solid	6010C	346063

### Analysis Batch: 346625

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-104998-15	CL-113	Total/NA	Paint Chips	6010C	346063
490-104998-15	CL-113	Total/NA	Paint Chips	6010C	346063
490-104998-27	CL-125	Total/NA	Paint Chips	6010C	346063

### Prep Batch: 346733

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-104998-30	CL-128	Total/NA	Paint Chips	3051A	
490-105029-A-1-H MS	Matrix Spike	Total/NA	Solid	3051A	
490-105029-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	3051A	
LCS 490-346733/2-A	Lab Control Sample	Total/NA	Solid	3051A	
LCSD 490-346733/3-A	Lab Control Sample Dup	Total/NA	Solid	3051A	
MB 490-346733/1-A	Method Blank	Total/NA	Solid	3051A	

### Analysis Batch: 346737

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-104998-1	CL-99	Total/NA	Paint Chips	6010C	346061
490-104998-2	CL-100	Total/NA	Paint Chips	6010C	346061
490-104998-3	CL-101	Total/NA	Paint Chips	6010C	346061
490-104998-4	CL-102	Total/NA	Paint Chips	6010C	346061
490-104998-5	CL-103	Total/NA	Paint Chips	6010C	346061
490-104998-6	CL-104	Total/NA	Paint Chips	6010C	346061
490-104998-7	CL-105	Total/NA	Paint Chips	6010C	346061
490-104998-8	CL-106	Total/NA	Paint Chips	6010C	346061
490-104998-9	CL-107	Total/NA	Paint Chips	6010C	346061
490-104998-10	CL-108	Total/NA	Paint Chips	6010C	346061
490-104998-11	CL-109	Total/NA	Paint Chips	6010C	346061
490-104998-12	CL-110	Total/NA	Paint Chips	6010C	346061
490-104998-13	CL-111	Total/NA	Paint Chips	6010C	346061
490-104998-14	CL-112	Total/NA	Paint Chips	6010C	346061
490-105118-A-1-C MS	Matrix Spike	Total/NA	Solid	6010C	346061
490-105118-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	6010C	346061
LCS 490-346061/2-A	Lab Control Sample	Total/NA	Solid	6010C	346061
LCSD 490-346061/3-A	Lab Control Sample Dup	Total/NA	Solid	6010C	346061
MB 490-346061/1-A	Method Blank	Total/NA	Solid	6010C	346061

TestAmerica Nashville

## QC Association Summary

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

### Metals (Continued)

#### Analysis Batch: 346899

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-104998-1	CL-99	Total/NA	Paint Chips	6010C	346061
490-104998-6	CL-104	Total/NA	Paint Chips	6010C	346061
490-104998-6	CL-104	Total/NA	Paint Chips	6010C	346061
490-104998-7	CL-105	Total/NA	Paint Chips	6010C	346061
490-104998-7	CL-105	Total/NA	Paint Chips	6010C	346061
490-104998-8	CL-106	Total/NA	Paint Chips	6010C	346061
490-104998-8	CL-106	Total/NA	Paint Chips	6010C	346061
490-104998-9	CL-107	Total/NA	Paint Chips	6010C	346061
490-104998-9	CL-107	Total/NA	Paint Chips	6010C	346061
490-104998-10	CL-108	Total/NA	Paint Chips	6010C	346061
490-104998-10	CL-108	Total/NA	Paint Chips	6010C	346061

#### Analysis Batch: 347147

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-104998-30	CL-128	Total/NA	Paint Chips	6010C	346733
490-105029-A-1-H MS	Matrix Spike	Total/NA	Solid	6010C	346733
490-105029-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	6010C	346733
LCS 490-346733/2-A	Lab Control Sample	Total/NA	Solid	6010C	346733
LCSD 490-346733/3-A	Lab Control Sample Dup	Total/NA	Solid	6010C	346733
MB 490-346733/1-A	Method Blank	Total/NA	Solid	6010C	346733

#### Analysis Batch: 347355

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-104998-11	CL-109	Total/NA	Paint Chips	6010C	346061
490-104998-11	CL-109	Total/NA	Paint Chips	6010C	346061
490-104998-12	CL-110	Total/NA	Paint Chips	6010C	346061
490-104998-13	CL-111	Total/NA	Paint Chips	6010C	346061
490-104998-13	CL-111	Total/NA	Paint Chips	6010C	346061
490-104998-14	CL-112	Total/NA	Paint Chips	6010C	346061
490-104998-30	CL-128	Total/NA	Paint Chips	6010C	346733
490-105029-A-1-H MS	Matrix Spike	Total/NA	Solid	6010C	346733
490-105029-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	6010C	346733
LCS 490-346733/2-A	Lab Control Sample	Total/NA	Solid	6010C	346733
LCSD 490-346733/3-A	Lab Control Sample Dup	Total/NA	Solid	6010C	346733
MB 490-346733/1-A	Method Blank	Total/NA	Solid	6010C	346733

# Lab Chronicle

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

## Client Sample ID: CL-99

Date Collected: 06/03/16 08:00  
Date Received: 06/04/16 09:40

## Lab Sample ID: 490-104998-1

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			5.63 g	10 mL	347256	06/13/16 11:14	LOJ	TAL NSH
Total/NA	Analysis	8082A		1	5.63 g	10 mL	350741	06/26/16 13:01	MGH	TAL NSH
Total/NA	Prep	3051A			0.506 g	100 mL	346061	06/08/16 05:32	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.506 g	100 mL	346737	06/09/16 19:03	TSC	TAL NSH
Total/NA	Prep	3051A			0.506 g	100 mL	346061	06/08/16 05:32	KMS	TAL NSH
Total/NA	Analysis	6010C		100	0.506 g	100 mL	346899	06/10/16 11:19	RDF	TAL NSH

## Client Sample ID: CL-100

Date Collected: 06/03/16 08:05  
Date Received: 06/04/16 09:40

## Lab Sample ID: 490-104998-2

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			13.48 g	10 mL	347256	06/13/16 11:14	LOJ	TAL NSH
Total/NA	Analysis	8082A		1	13.48 g	10 mL	350741	06/26/16 13:16	MGH	TAL NSH
Total/NA	Prep	3051A			0.521 g	100 mL	346061	06/08/16 05:32	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.521 g	100 mL	346737	06/09/16 19:07	TSC	TAL NSH

## Client Sample ID: CL-101

Date Collected: 06/03/16 08:10  
Date Received: 06/04/16 09:40

## Lab Sample ID: 490-104998-3

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			11.92 g	10 mL	347256	06/13/16 11:14	LOJ	TAL NSH
Total/NA	Analysis	8082A		1	11.92 g	10 mL	350741	06/26/16 13:31	MGH	TAL NSH
Total/NA	Prep	3051A			0.506 g	100 mL	346061	06/08/16 05:32	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.506 g	100 mL	346737	06/09/16 19:12	TSC	TAL NSH

## Client Sample ID: CL-102

Date Collected: 06/03/16 08:15  
Date Received: 06/04/16 09:40

## Lab Sample ID: 490-104998-4

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			13.88 g	10 mL	347256	06/13/16 11:14	LOJ	TAL NSH
Total/NA	Analysis	8082A		1	13.88 g	10 mL	350741	06/26/16 13:47	MGH	TAL NSH
Total/NA	Prep	3051A			0.525 g	100 mL	346061	06/08/16 05:32	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.525 g	100 mL	346737	06/09/16 19:16	TSC	TAL NSH

## Client Sample ID: CL-103

Date Collected: 06/03/16 08:20  
Date Received: 06/04/16 09:40

## Lab Sample ID: 490-104998-5

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			19.57 g	10 mL	347256	06/13/16 11:14	LOJ	TAL NSH

TestAmerica Nashville

# Lab Chronicle

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

## Client Sample ID: CL-103

Date Collected: 06/03/16 08:20  
Date Received: 06/04/16 09:40

## Lab Sample ID: 490-104998-5

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8082A		1	19.57 g	10 mL	350741	06/26/16 14:02	MGH	TAL NSH
Total/NA	Prep	3051A			0.504 g	100 mL	346061	06/08/16 05:32	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.504 g	100 mL	346737	06/09/16 19:21	TSC	TAL NSH

## Client Sample ID: CL-104

Date Collected: 06/03/16 08:30  
Date Received: 06/04/16 09:40

## Lab Sample ID: 490-104998-6

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			19.26 g	10 mL	347256	06/13/16 11:14	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	19.26 g	10 mL	350741	06/26/16 14:17	MGH	TAL NSH
Total/NA	Prep	3051A			0.518 g	100 mL	346061	06/08/16 05:32	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.518 g	100 mL	346737	06/09/16 19:26	TSC	TAL NSH
Total/NA	Prep	3051A			0.518 g	100 mL	346061	06/08/16 05:32	KMS	TAL NSH
Total/NA	Analysis	6010C		5	0.518 g	100 mL	346899	06/10/16 11:32	RDF	TAL NSH
Total/NA	Prep	3051A			0.518 g	100 mL	346061	06/08/16 05:32	KMS	TAL NSH
Total/NA	Analysis	6010C		100	0.518 g	100 mL	346899	06/10/16 11:36	RDF	TAL NSH

## Client Sample ID: CL-105

Date Collected: 06/03/16 08:35  
Date Received: 06/04/16 09:40

## Lab Sample ID: 490-104998-7

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.09 g	10 mL	347256	06/13/16 11:14	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	15.09 g	10 mL	350741	06/26/16 14:32	MGH	TAL NSH
Total/NA	Prep	3051A			0.525 g	100 mL	346061	06/08/16 05:32	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.525 g	100 mL	346737	06/09/16 19:39	TSC	TAL NSH
Total/NA	Prep	3051A			0.525 g	100 mL	346061	06/08/16 05:32	KMS	TAL NSH
Total/NA	Analysis	6010C		5	0.525 g	100 mL	346899	06/10/16 11:41	RDF	TAL NSH
Total/NA	Prep	3051A			0.525 g	100 mL	346061	06/08/16 05:32	KMS	TAL NSH
Total/NA	Analysis	6010C		100	0.525 g	100 mL	346899	06/10/16 11:45	RDF	TAL NSH

## Client Sample ID: CL-106

Date Collected: 06/03/16 08:40  
Date Received: 06/04/16 09:40

## Lab Sample ID: 490-104998-8

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.71 g	10 mL	347256	06/13/16 11:14	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	30.71 g	10 mL	350741	06/26/16 14:47	MGH	TAL NSH
Total/NA	Prep	3051A			0.512 g	100 mL	346061	06/08/16 05:32	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.512 g	100 mL	346737	06/09/16 19:44	TSC	TAL NSH
Total/NA	Prep	3051A			0.512 g	100 mL	346061	06/08/16 05:32	KMS	TAL NSH
Total/NA	Analysis	6010C		10	0.512 g	100 mL	346899	06/10/16 11:49	RDF	TAL NSH

TestAmerica Nashville

# Lab Chronicle

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

## Client Sample ID: CL-106

Date Collected: 06/03/16 08:40  
Date Received: 06/04/16 09:40

## Lab Sample ID: 490-104998-8

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.512 g	100 mL	346061	06/08/16 05:32	KMS	TAL NSH
Total/NA	Analysis	6010C		100	0.512 g	100 mL	346899	06/10/16 11:54	RDF	TAL NSH

## Client Sample ID: CL-107

Date Collected: 06/03/16 08:50  
Date Received: 06/04/16 09:40

## Lab Sample ID: 490-104998-9

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			18.22 g	10 mL	347256	06/13/16 11:14	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	18.22 g	10 mL	350741	06/26/16 15:02	MGH	TAL NSH
Total/NA	Prep	3051A			0.503 g	100 mL	346061	06/08/16 05:32	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.503 g	100 mL	346737	06/09/16 19:48	TSC	TAL NSH
Total/NA	Prep	3051A			0.503 g	100 mL	346061	06/08/16 05:32	KMS	TAL NSH
Total/NA	Analysis	6010C		5	0.503 g	100 mL	346899	06/10/16 11:58	RDF	TAL NSH
Total/NA	Prep	3051A			0.503 g	100 mL	346061	06/08/16 05:32	KMS	TAL NSH
Total/NA	Analysis	6010C		100	0.503 g	100 mL	346899	06/10/16 12:02	RDF	TAL NSH

## Client Sample ID: CL-108

Date Collected: 06/03/16 08:45  
Date Received: 06/04/16 09:40

## Lab Sample ID: 490-104998-10

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			20.84 g	10 mL	347256	06/13/16 11:14	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	20.84 g	10 mL	350741	06/26/16 15:18	MGH	TAL NSH
Total/NA	Prep	3051A			0.509 g	100 mL	346061	06/08/16 05:32	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.509 g	100 mL	346737	06/09/16 19:53	TSC	TAL NSH
Total/NA	Prep	3051A			0.509 g	100 mL	346061	06/08/16 05:32	KMS	TAL NSH
Total/NA	Analysis	6010C		10	0.509 g	100 mL	346899	06/10/16 12:06	RDF	TAL NSH
Total/NA	Prep	3051A			0.509 g	100 mL	346061	06/08/16 05:32	KMS	TAL NSH
Total/NA	Analysis	6010C		100	0.509 g	100 mL	346899	06/10/16 12:11	RDF	TAL NSH

## Client Sample ID: CL-109

Date Collected: 06/03/16 08:50  
Date Received: 06/04/16 09:40

## Lab Sample ID: 490-104998-11

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.39 g	10 mL	347256	06/13/16 11:14	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	30.39 g	10 mL	350741	06/26/16 15:32	MGH	TAL NSH
Total/NA	Prep	3051A			0.525 g	100 mL	346061	06/08/16 05:32	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.525 g	100 mL	346737	06/09/16 19:57	TSC	TAL NSH
Total/NA	Prep	3051A			0.525 g	100 mL	346061	06/08/16 05:32	KMS	TAL NSH
Total/NA	Analysis	6010C		10	0.525 g	100 mL	347355	06/13/16 13:51	ADN	TAL NSH
Total/NA	Prep	3051A			0.525 g	100 mL	346061	06/08/16 05:32	KMS	TAL NSH

TestAmerica Nashville

# Lab Chronicle

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

## Client Sample ID: CL-109

Date Collected: 06/03/16 08:50  
Date Received: 06/04/16 09:40

## Lab Sample ID: 490-104998-11

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010C		100	0.525 g	100 mL	347355	06/13/16 13:55	ADN	TAL NSH

## Client Sample ID: CL-110

Date Collected: 06/03/16 08:55  
Date Received: 06/04/16 09:40

## Lab Sample ID: 490-104998-12

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.28 g	10 mL	347256	06/13/16 11:14	LOJ	TAL NSH
Total/NA	Analysis	8082A		1	30.28 g	10 mL	350741	06/26/16 15:46	MGH	TAL NSH
Total/NA	Prep	3051A			0.514 g	100 mL	346061	06/08/16 05:32	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.514 g	100 mL	346737	06/09/16 20:02	TSC	TAL NSH
Total/NA	Prep	3051A			0.514 g	100 mL	346061	06/08/16 05:32	KMS	TAL NSH
Total/NA	Analysis	6010C		100	0.514 g	100 mL	347355	06/13/16 14:07	ADN	TAL NSH

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## Client Sample ID: CL-111

Date Collected: 06/03/16 09:00  
Date Received: 06/04/16 09:40

## Lab Sample ID: 490-104998-13

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.18 g	10 mL	347256	06/13/16 11:14	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	30.18 g	10 mL	350741	06/26/16 16:00	MGH	TAL NSH
Total/NA	Prep	3051A			0.503 g	100 mL	346061	06/08/16 05:32	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.503 g	100 mL	346737	06/09/16 20:07	TSC	TAL NSH
Total/NA	Prep	3051A			0.503 g	100 mL	346061	06/08/16 05:32	KMS	TAL NSH
Total/NA	Analysis	6010C		5	0.503 g	100 mL	347355	06/13/16 14:12	ADN	TAL NSH
Total/NA	Prep	3051A			0.503 g	100 mL	346061	06/08/16 05:32	KMS	TAL NSH
Total/NA	Analysis	6010C		100	0.503 g	100 mL	347355	06/13/16 14:16	ADN	TAL NSH

## Client Sample ID: CL-112

Date Collected: 06/03/16 09:05  
Date Received: 06/04/16 09:40

## Lab Sample ID: 490-104998-14

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.84 g	10 mL	347256	06/13/16 11:14	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	30.84 g	10 mL	350741	06/26/16 16:14	MGH	TAL NSH
Total/NA	Prep	3051A			0.509 g	100 mL	346061	06/08/16 05:32	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.509 g	100 mL	346737	06/09/16 20:11	TSC	TAL NSH
Total/NA	Prep	3051A			0.509 g	100 mL	346061	06/08/16 05:32	KMS	TAL NSH
Total/NA	Analysis	6010C		100	0.509 g	100 mL	347355	06/13/16 14:20	ADN	TAL NSH

# Lab Chronicle

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

## Client Sample ID: CL-113

Date Collected: 06/03/16 09:10  
Date Received: 06/04/16 09:40

## Lab Sample ID: 490-104998-15

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.68 g	10 mL	347256	06/13/16 11:14	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	30.68 g	10 mL	350741	06/26/16 16:29	MGH	TAL NSH
Total/NA	Prep	3051A			0.495 g	100 mL	346063	06/08/16 05:42	KMS	TAL NSH
Total/NA	Analysis	6010C		5	0.495 g	100 mL	346625	06/09/16 12:51	TSC	TAL NSH
Total/NA	Prep	3051A			0.495 g	100 mL	346063	06/08/16 05:42	KMS	TAL NSH
Total/NA	Analysis	6010C		50	0.495 g	100 mL	346625	06/09/16 12:56	TSC	TAL NSH
Total/NA	Prep	3051A			0.495 g	100 mL	346063	06/08/16 05:42	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.495 g	100 mL	346397	06/08/16 22:26	ADN	TAL NSH

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## Client Sample ID: CL-114

Date Collected: 06/03/16 00:01  
Date Received: 06/04/16 09:40

## Lab Sample ID: 490-104998-16

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.35 g	10 mL	347256	06/13/16 11:14	LOJ	TAL NSH
Total/NA	Analysis	8082A		1	30.35 g	10 mL	350741	06/26/16 16:44	MGH	TAL NSH
Total/NA	Prep	3051A			0.523 g	100 mL	346063	06/08/16 05:42	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.523 g	100 mL	346397	06/08/16 22:30	ADN	TAL NSH

## Client Sample ID: CL-115

Date Collected: 06/03/16 00:01  
Date Received: 06/04/16 09:40

## Lab Sample ID: 490-104998-17

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.43 g	10 mL	347256	06/13/16 11:14	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	30.43 g	10 mL	350741	06/26/16 16:59	MGH	TAL NSH
Total/NA	Prep	3051A			0.497 g	100 mL	346063	06/08/16 05:42	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.497 g	100 mL	346397	06/08/16 22:34	ADN	TAL NSH

## Client Sample ID: CL-116

Date Collected: 06/03/16 00:01  
Date Received: 06/04/16 09:40

## Lab Sample ID: 490-104998-18

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.26 g	10 mL	347256	06/13/16 11:14	LOJ	TAL NSH
Total/NA	Analysis	8082A		1	30.26 g	10 mL	350741	06/26/16 17:13	MGH	TAL NSH
Total/NA	Prep	3051A			0.512 g	100 mL	346063	06/08/16 05:42	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.512 g	100 mL	346397	06/08/16 22:39	ADN	TAL NSH



# Lab Chronicle

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

## Client Sample ID: CL-117

Date Collected: 06/03/16 00:01  
Date Received: 06/04/16 09:40

## Lab Sample ID: 490-104998-19

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.50 g	10 mL	347256	06/13/16 11:14	LOJ	TAL NSH
Total/NA	Analysis	8082A		5	30.50 g	10 mL	350741	06/26/16 17:27	MGH	TAL NSH
Total/NA	Prep	3051A			0.509 g	100 mL	346063	06/08/16 05:42	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.509 g	100 mL	346397	06/08/16 22:43	ADN	TAL NSH

## Client Sample ID: CL-118

Date Collected: 06/03/16 00:01  
Date Received: 06/04/16 09:40

## Lab Sample ID: 490-104998-20

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.21 g	10 mL	347256	06/13/16 11:14	LOJ	TAL NSH
Total/NA	Analysis	8082A		1	30.21 g	10 mL	350741	06/26/16 17:41	MGH	TAL NSH
Total/NA	Prep	3051A			0.506 g	100 mL	346063	06/08/16 05:42	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.506 g	100 mL	346397	06/08/16 22:47	ADN	TAL NSH

## Client Sample ID: CL-119

Date Collected: 06/03/16 00:01  
Date Received: 06/04/16 09:40

## Lab Sample ID: 490-104998-21

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.56 g	10 mL	347404	06/13/16 16:47	LOJ	TAL NSH
Total/NA	Analysis	8082A		1	30.56 g	10 mL	348850	06/20/16 18:11	MGH	TAL NSH
Total/NA	Prep	3051A			0.497 g	100 mL	346063	06/08/16 05:42	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.497 g	100 mL	346397	06/08/16 22:52	ADN	TAL NSH

## Client Sample ID: CL-120

Date Collected: 06/03/16 00:01  
Date Received: 06/04/16 09:40

## Lab Sample ID: 490-104998-22

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.94 g	10 mL	347404	06/13/16 16:47	LOJ	TAL NSH
Total/NA	Analysis	8082A		1	30.94 g	10 mL	348850	06/20/16 18:25	MGH	TAL NSH
Total/NA	Prep	3051A			0.511 g	100 mL	346063	06/08/16 05:42	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.511 g	100 mL	346397	06/08/16 23:06	ADN	TAL NSH

## Client Sample ID: CL-121

Date Collected: 06/03/16 00:01  
Date Received: 06/04/16 09:40

## Lab Sample ID: 490-104998-23

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.28 g	10 mL	347264	06/13/16 11:35	LOJ	TAL NSH
Total/NA	Analysis	8082A		1	30.28 g	10 mL	348628	06/18/16 08:42	MGH	TAL NSH
Total/NA	Prep	3051A			0.505 g	100 mL	346063	06/08/16 05:42	KMS	TAL NSH

TestAmerica Nashville

# Lab Chronicle

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

## Client Sample ID: CL-121

Date Collected: 06/03/16 00:01  
Date Received: 06/04/16 09:40

## Lab Sample ID: 490-104998-23

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010C		1	0.505 g	100 mL	346397	06/08/16 23:10	ADN	TAL NSH

## Client Sample ID: CL-122

Date Collected: 06/03/16 00:01  
Date Received: 06/04/16 09:40

## Lab Sample ID: 490-104998-24

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.15 g	10 mL	347264	06/13/16 11:35	LOJ	TAL NSH
Total/NA	Analysis	8082A		1	30.15 g	10 mL	348628	06/18/16 08:58	MGH	TAL NSH
Total/NA	Prep	3051A			0.497 g	100 mL	346063	06/08/16 05:42	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.497 g	100 mL	346397	06/08/16 23:14	ADN	TAL NSH

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## Client Sample ID: CL-123

Date Collected: 06/03/16 00:01  
Date Received: 06/04/16 09:40

## Lab Sample ID: 490-104998-25

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			17.34 g	10.00 mL	349356	06/21/16 12:49	LOJ	TAL NSH
Total/NA	Analysis	8082A		1	17.34 g	10.00 mL	349519	06/22/16 10:28	JMO	TAL NSH
Total/NA	Prep	3051A			0.506 g	100 mL	346063	06/08/16 05:42	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.506 g	100 mL	346397	06/08/16 23:19	ADN	TAL NSH

## Client Sample ID: CL-124

Date Collected: 06/03/16 00:01  
Date Received: 06/04/16 09:40

## Lab Sample ID: 490-104998-26

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.89 g	10 mL	347264	06/13/16 11:35	LOJ	TAL NSH
Total/NA	Analysis	8082A		1	30.89 g	10 mL	348628	06/18/16 09:27	MGH	TAL NSH
Total/NA	Prep	3051A			0.525 g	100 mL	346063	06/08/16 05:42	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.525 g	100 mL	346397	06/08/16 23:23	ADN	TAL NSH

## Client Sample ID: CL-125

Date Collected: 06/03/16 00:01  
Date Received: 06/04/16 09:40

## Lab Sample ID: 490-104998-27

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.72 g	10 mL	347264	06/13/16 11:35	LOJ	TAL NSH
Total/NA	Analysis	8082A		1	30.72 g	10 mL	348628	06/18/16 09:42	MGH	TAL NSH
Total/NA	Prep	3051A			0.497 g	100 mL	346063	06/08/16 05:42	KMS	TAL NSH
Total/NA	Analysis	6010C		5	0.497 g	100 mL	346625	06/09/16 13:00	TSC	TAL NSH
Total/NA	Prep	3051A			0.497 g	100 mL	346063	06/08/16 05:42	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.497 g	100 mL	346397	06/08/16 23:28	ADN	TAL NSH

TestAmerica Nashville

## Lab Chronicle

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

### Client Sample ID: CL-126

Date Collected: 06/03/16 00:01  
Date Received: 06/04/16 09:40

### Lab Sample ID: 490-104998-28

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.21 g	10 mL	347264	06/13/16 11:35	LOJ	TAL NSH
Total/NA	Analysis	8082A		1	30.21 g	10 mL	348628	06/18/16 09:56	MGH	TAL NSH
Total/NA	Prep	3051A			0.503 g	100 mL	346063	06/08/16 05:42	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.503 g	100 mL	346397	06/08/16 23:32	ADN	TAL NSH

### Client Sample ID: CL-127

Date Collected: 06/03/16 00:01  
Date Received: 06/04/16 09:40

### Lab Sample ID: 490-104998-29

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.14 g	10 mL	347264	06/13/16 11:35	LOJ	TAL NSH
Total/NA	Analysis	8082A		1	30.14 g	10 mL	348628	06/18/16 10:11	MGH	TAL NSH
Total/NA	Prep	3051A			0.525 g	100 mL	346063	06/08/16 05:42	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.525 g	100 mL	346397	06/08/16 23:36	ADN	TAL NSH

### Client Sample ID: CL-128

Date Collected: 06/03/16 00:01  
Date Received: 06/04/16 09:40

### Lab Sample ID: 490-104998-30

Matrix: Paint Chips

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.07 g	10 mL	347264	06/13/16 11:35	LOJ	TAL NSH
Total/NA	Analysis	8082A		1	30.07 g	10 mL	348628	06/18/16 10:26	MGH	TAL NSH
Total/NA	Prep	3051A			0.496 g	100 mL	346733	06/10/16 05:45	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.496 g	100 mL	347355	06/13/16 11:25	ADN	TAL NSH
Total/NA	Prep	3051A			0.496 g	100 mL	346733	06/10/16 05:45	KMS	TAL NSH
Total/NA	Analysis	6010C		1	0.496 g	100 mL	347147	06/10/16 18:15	ADN	TAL NSH

#### Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

## Method Summary

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

Method	Method Description	Protocol	Laboratory
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL NSH
6010C	Metals (ICP)	SW846	TAL NSH

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

# Certification Summary

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

## Laboratory: TestAmerica Nashville

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
South Carolina	State Program	4	84009 (001)	02-28-16 *
Analysis Method	Prep Method	Matrix	Analyte	

\* Certification renewal pending - certification considered valid.

## COOLER RECEIPT FORM



490-104998 Chain of Custody

Cooler Received/Opened On 6/4/2016 @ 0940

Time Samples Removed From Cooler \_\_\_\_\_ Time Samples Placed In Storage \_\_\_\_\_ (2 Hour Window)

1. Tracking # 1657 (last 4 digits, FedEx) Courier: FedEx

IR Gun ID 14740456 pH Strip Lot HC564992 Chlorine Strip Lot 012516A

2. Temperature of rep. sample or temp blank when opened: 16.2 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 2 (front)

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) KA

7. Were custody seals on containers: YES NO and intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: DA 6-4-16 Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # \_\_\_\_\_

I certify that I unloaded the cooler and answered questions 7-14 (initial) DA

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) DA

17. Were custody papers properly filled out (Ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) DA

I certify that I attached a label with the unique LIMS number to each container (initial) DA

21. Were there Non-Conformance issues at login? YES...NO Was a NCM generated? YES...NO...# 490-243627

490-243628

490-243629

Loc: 490  
104998

Charleston Service Center  
page 1 of 3

6/28/2016

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division  
2960 Foster Creighton  
Nashville, TN 37204

Phone: 615-726-0177  
Toll Free: 800-765-0980  
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?

Compliance Monitoring? Yes \_\_\_ No \_\_\_  
Enforcement Action? Yes \_\_\_ No \_\_\_

Client Name/Account #: S&ME # 2420  
Address: 820 Wando Park Road  
City/State/Zip: Mt. Pleasant, SC 29464  
Project Manager: Don Goins email: dgoins@smenc.com copy jkillingsworth@smenc.com  
Telephone Number: 843.884.0005 Fax No.: 843.884-1696  
Sampler Name: (Print) *Don Goins F. Slayton*  
Sampler Signature: *[Handwritten Signature]*

Site State: SC  
PO#: 40229  
TA Quote #:  
Project ID:  
Project #: 4213-15-242 PHASE I

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative							Matrix					Other (specify): <i>plant</i>	Analyze For:					RUSH TAT (Pre-Schedule)	Standard TAT	Fax Results	Send OC with report				
							Ice	HNO <sub>3</sub> (Red Label)	HCl (Blue Label)	NaOH (Orange Label)	H <sub>2</sub> SO <sub>4</sub> Plastic (Yellow Label)	H <sub>2</sub> SO <sub>4</sub> Glass (Yellow Label)	None (Black Label)	Other (Specify)	Groundwater	Wastewater	Drinking Water	Sludge		Soil	8082A PCBS	6010C LEAD, ZINC	CADMIUM, BARIUM	<i>Chrom Data</i>								
1 CL-99	6-3-16				X											X	X	X	X	X				X								
2 CL-102					X											X	X	X	X	X												
3 CL-101					X											X	X	X	X	X												
4 CL-102					X											X	X	X	X	X												
5 CL-103					X											X	X	X	X	X												
6 CL-104					X											X	X	X	X	X												
7 CL-105					X											X	X	X	X	X												
8 CL-106					X											X	X	X	X	X												
9 CL-107					X											X	X	X	X	X												
10 CL-108					X											X	X	X	X	X												

**Special Instructions:**

Method of Shipment:			FEDEX		
Relinquished by: <i>F. Slayton</i>	Date <i>6/3/16</i>	Time <i>1415</i>	Received by: <i>[Signature]</i>	Date <i>6/3/16</i>	Time <i>1415</i>
Relinquished by: <i>[Signature]</i>	Date <i>6/3/16</i>	Time <i>1730</i>	Received by TestAmerica: <i>[Signature] TAN</i>	Date <i>6-4-16</i>	Time <i>0940</i>

**Laboratory Comments:**

Temperature Upon Receipt: *16.2*

VOCs Free of Headspace? *Y* N

*Fedex -> Test America  
Nashville*

Loc: 490  
104998

Charleston Service Center  
page 2 of 3

6/28/2016

**TestAmerica**  
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division  
2960 Foster Creighton  
Nashville, TN 37204

Phone: 615-726-0177  
Toll Free: 800-765-0980  
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?

Compliance Monitoring? Yes  No   
Enforcement Action? Yes  No

Client Name/Account #: S&ME # 2420


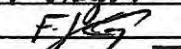
Address: 620 Wando Park Road

City/State/Zip: ML Pleasant, SC 29464

Project Manager: Don Goins email: dgoins@smeinc.com copy jkillingsworth@smeinc.com

Telephone Number: 843.884.0005 Fax No.: 843.884-1696

Sampler Name: (Print) Don Goins F. Slayter

Sampler Signature:  

Site State: SC  
PO#: 40229  
TA Quote #:  
Project ID:  
Project #: 4213-15-242 PHASE I

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative							Matrix					Analyze For:								RUSH TAT (Pre-Schedule)	Standard TAT	Fax Results	Send QC with report						
							Ice	HNO <sub>3</sub> (Red Label)	HCl (Blue Label)	NaOH (Orange Label)	H <sub>2</sub> SO <sub>4</sub> , Plastic (Yellow Label)	H <sub>2</sub> SO <sub>4</sub> , Glass (Yellow Label)	None (Black Label)	Other (Specify)	Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify): <i>PCBS</i>	8082A PCBS	6010C LEAD, ZINC	CADMIUM, BARIUM	Chromium												
11 CL-109	6-3-16			X															X	X	X	X														
12 CL-110				X															X	X	X	X														
13 CL-111				X															X	X	X	X														
14 CL-112				X															X	X	X	X														
15 CL-113				X															X	X	X	X														
16 CL-114				X															X	X	X	X														
17 CL-115				X															X	X	X	X														
18 CL-116				X															X	X	X	X														
19 CL-117				X															X	X	X	X														
20 CL-118				X															X	X	X	X														

Special Instructions:

Relinquished by:		Date	Time	Method of Shipment:		FEDEX	
<i>F. Slayter</i>		6/3/16	1915	<i>J. Brund</i>		6/3/16	1415
<i>J. Brund</i>		6/3/16	1730	<i>David Outy</i> TAM		6-4/16	0940

Laboratory Comments:  
Temperature Upon Receipt: 16.2  
VOCs Free of Headspace?  Y  N  
Fedex → Test America  
Nashville



Loc: 490  
104998

page 3 of 3

6/28/2016

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division  
2960 Foster Creighton  
Nashville, TN 37204

Phone: 615-726-0177  
Toll Free: 800-765-0980  
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?

Compliance Monitoring? Yes  No   
Enforcement Action? Yes  No

Client Name/Account #: S&ME # 2420  
Address: 620 Wando Park Road  
City/State/Zip: Mt. Pleasant, SC 29464  
Project Manager: Don Goins email: dgoins@smeinc.com copy jkillingsworth@smeinc.com  
Telephone Number: 843.884.0005 Fax No.: 843.884-1696  
Sampler Name: (Print) Don Goins F. Slayton  
Sampler Signature: [Signature]

Site State: SC  
PO#: 40229  
TA Quote #: \_\_\_\_\_  
Project ID: \_\_\_\_\_  
Project #: 4213-15-242 PHASE I

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative							Matrix							Analyze For:				RUSH TAT (Pre-Schedule)	Standard TAT	Fax Results	Send QC with report
							Ice	HNO <sub>3</sub> (Red Label)	HCl (Blue Label)	NaOH (Orange Label)	H <sub>2</sub> SO <sub>4</sub> , Plastic (Yellow Label)	H <sub>2</sub> SO <sub>4</sub> , Glass (Yellow Label)	None (Black Label)	Other (Specify)	Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	8082A PCBs	6010C LEAD, ZINC	CADMIUM, BARIUM	Chromium				
21 CL-119	C-3-16				X										X	X	X	X	X					X				
22 CL-120					X										X	X	X	X	X					X				
23 CL-121					X										X	X	X	X	X					X				
24 CL-122					X										X	X	X	X	X					X				
25 CL-123					X										X	X	X	X	X					X				
26 CL-124					X										X	X	X	X	X					X				
27 CL-125					X										X	X	X	X	X					X				
28 CL-126					X										X	X	X	X	X					X				
29 CL-127					X										X	X	X	X	X					X				
30 CL-128					X										X	X	X	X	X					X				

Special Instructions:

Relinquished by:		Date	Time	Method of Shipment:		Date	Time
F. Slayton		6/3/16	1415	FEDEX		6/3/16	1415
[Signature]		6/3/16	1730	Received by TestAmerica:		6-4-16	0940

Laboratory Comments:  
Temperature Upon Receipt: 16.2  
VOCs Free of Headspace?   
FedEx -> Test America  
Nashville

## Login Sample Receipt Checklist

Client: S&ME, Inc.

Job Number: 490-104998-1  
SDG Number: 4213-15-242 PHASE I

**Login Number: 104998**  
**List Number: 1**  
**Creator: Armstrong, Daniel**

**List Source: TestAmerica Nashville**

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	16.2C
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	False	No date or time on COC, logged in per container labels.
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Nashville  
2960 Foster Creighton Drive  
Nashville, TN 37204  
Tel: (615)726-0177

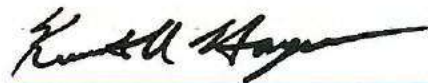
TestAmerica Job ID: 490-105592-1

TestAmerica Sample Delivery Group: 4213-15-242 Phase I  
Client Project/Site: Patriots Point USS Clangore

For:

S&ME, Inc.  
620 Wando Park Boulevard  
Mt. Pleasant, South Carolina 29464

Attn: Mr. Don Goins



Authorized for release by:  
6/28/2016 6:20:27 PM

Ken Hayes, Project Manager II  
(615)301-5035  
[ken.hayes@testamericainc.com](mailto:ken.hayes@testamericainc.com)



### LINKS

Review your project results through  
**Total Access**

Have a Question?

**Ask The Expert**

Visit us at:  
[www.testamericainc.com](http://www.testamericainc.com)

*The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

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## Sample Summary

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-105592-1  
SDG: 4213-15-242 Phase I

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-105592-1	CL-129	Solid	06/10/16 15:00	06/14/16 09:25
490-105592-2	CL-130	Solid	06/10/16 15:00	06/14/16 09:25
490-105592-3	CL-131	Solid	06/10/16 15:00	06/14/16 09:25
490-105592-4	CL-132	Solid	06/10/16 15:01	06/14/16 09:25
490-105592-5	CL-133	Solid	06/10/16 15:01	06/14/16 09:25
490-105592-6	CL-134	Solid	06/10/16 15:02	06/14/16 09:25
490-105592-7	CL-135	Solid	06/10/16 15:02	06/14/16 09:25
490-105592-8	CL-136	Solid	06/10/16 15:03	06/14/16 09:25
490-105592-9	CL-137	Solid	06/10/16 15:03	06/14/16 09:25
490-105592-10	CL-138	Solid	06/10/16 15:03	06/14/16 09:25
490-105592-11	CL-139	Solid	06/10/16 15:04	06/14/16 09:25
490-105592-12	CL-140	Solid	06/10/16 15:04	06/14/16 09:25
490-105592-13	CL-141	Solid	06/10/16 15:05	06/14/16 09:25
490-105592-14	CL-142	Solid	06/10/16 15:05	06/14/16 09:25

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# Case Narrative

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-105592-1  
SDG: 4213-15-242 Phase I

**Job ID: 490-105592-1**

Laboratory: TestAmerica Nashville

## Narrative

**Job Narrative  
490-105592-1**

## Comments

No additional comments.

## Receipt

The samples were received on 6/14/2016 9:25 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 5.9° C.

## GC Semi VOA

Method(s) 8082A: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 490-349683 and analytical batch 490-350251.

Method(s) 8082A: The following samples was diluted due to the nature of the sample matrix: CL-129 (490-105592-1), CL-130 (490-105592-2), CL-131 (490-105592-3), CL-133 (490-105592-5) and CL-137 (490-105592-9). Elevated reporting limits (RLs) are provided.

Method(s) 8082A: The following samples required a dilution due to the nature of the sample matrix: CL-129 (490-105592-1), CL-130 (490-105592-2), CL-131 (490-105592-3) and CL-133 (490-105592-5). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method(s) 8082A: Surrogate recovery for the following samples was outside control limits: CL-133 (490-105592-5) and CL-137 (490-105592-9). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 8082A: The %RPD between the primary and confirmation column exceeded 40% for DCB Decachlorobiphenyl (Surr) and Tetrachloro-m-xylene for the following samples: CL-131 (490-105592-3), CL-133 (490-105592-5) and CL-137 (490-105592-9). The lower value(s) has been reported and qualified in accordance with the laboratory's SOP.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

## Organic Prep

Method(s) 3550C: Elevated reporting limits are provided for the following sample(s) due to insufficient sample provided for <3550C> preparation/analysis: <8082A>.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

## Definitions/Glossary

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-105592-1  
SDG: 4213-15-242 Phase I

### Qualifiers

#### GC Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

5

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-105592-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-129**

Date Collected: 06/10/16 15:00

Date Received: 06/14/16 09:25

**Lab Sample ID: 490-105592-1**

Matrix: Solid

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<3.07		10.2	3.07	ppm		06/22/16 11:04	06/24/16 13:10	100
PCB-1221	<3.07		10.2	3.07	ppm		06/22/16 11:04	06/24/16 13:10	100
PCB-1232	<6.13		10.2	6.13	ppm		06/22/16 11:04	06/24/16 13:10	100
PCB-1242	<3.07		10.2	3.07	ppm		06/22/16 11:04	06/24/16 13:10	100
PCB-1248	<3.07		10.2	3.07	ppm		06/22/16 11:04	06/24/16 13:10	100
PCB-1254	<3.07		10.2	3.07	ppm		06/22/16 11:04	06/24/16 13:10	100
PCB-1260	<3.07		10.2	3.07	ppm		06/22/16 11:04	06/24/16 13:10	100
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	0	X	20 - 150				06/22/16 11:04	06/24/16 13:10	100
Tetrachloro-m-xylene	124		19 - 147				06/22/16 11:04	06/24/16 13:10	100



# Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-105592-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-130**  
 Date Collected: 06/10/16 15:00  
 Date Received: 06/14/16 09:25

**Lab Sample ID: 490-105592-2**  
 Matrix: Solid

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit
PCB-1016	<4.33		14.4	4.33	ppm
PCB-1221	<4.33		14.4	4.33	ppm
PCB-1232	<8.66		14.4	8.66	ppm
PCB-1242	<4.33		14.4	4.33	ppm
PCB-1248	<4.33		14.4	4.33	ppm
PCB-1254	<4.33		14.4	4.33	ppm
PCB-1260	<4.33		14.4	4.33	ppm

D	Prepared	Analyzed	Dil Fac
	06/22/16 11:04	06/24/16 13:25	100
	06/22/16 11:04	06/24/16 13:25	100
	06/22/16 11:04	06/24/16 13:25	100
	06/22/16 11:04	06/24/16 13:25	100
	06/22/16 11:04	06/24/16 13:25	100
	06/22/16 11:04	06/24/16 13:25	100
	06/22/16 11:04	06/24/16 13:25	100

Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	0	X	20 - 150
Tetrachloro-m-xylene	0	X	19 - 147

Prepared	Analyzed	Dil Fac
06/22/16 11:04	06/24/16 13:25	100
06/22/16 11:04	06/24/16 13:25	100

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-105592-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-131**

Date Collected: 06/10/16 15:00

Date Received: 06/14/16 09:25

**Lab Sample ID: 490-105592-3**

Matrix: Solid

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<3.00		9.98	3.00	ppm		06/22/16 11:04	06/24/16 13:41	100
PCB-1221	<3.00		9.98	3.00	ppm		06/22/16 11:04	06/24/16 13:41	100
PCB-1232	<5.99		9.98	5.99	ppm		06/22/16 11:04	06/24/16 13:41	100
PCB-1242	<3.00		9.98	3.00	ppm		06/22/16 11:04	06/24/16 13:41	100
PCB-1248	<3.00		9.98	3.00	ppm		06/22/16 11:04	06/24/16 13:41	100
PCB-1254	<3.00		9.98	3.00	ppm		06/22/16 11:04	06/24/16 13:41	100
PCB-1260	<3.00		9.98	3.00	ppm		06/22/16 11:04	06/24/16 13:41	100
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	0	X	20 - 150				06/22/16 11:04	06/24/16 13:41	100
Tetrachloro-m-xylene	116	p	19 - 147				06/22/16 11:04	06/24/16 13:41	100

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-105592-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-132**

Date Collected: 06/10/16 15:01

Date Received: 06/14/16 09:25

**Lab Sample ID: 490-105592-4**

Matrix: Solid

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.123		0.409	0.123	ppm		06/22/16 11:04	06/24/16 13:56	1
PCB-1221	<0.123		0.409	0.123	ppm		06/22/16 11:04	06/24/16 13:56	1
PCB-1232	<0.246		0.409	0.246	ppm		06/22/16 11:04	06/24/16 13:56	1
PCB-1242	<0.123		0.409	0.123	ppm		06/22/16 11:04	06/24/16 13:56	1
PCB-1248	<0.123		0.409	0.123	ppm		06/22/16 11:04	06/24/16 13:56	1
PCB-1254	<0.123		0.409	0.123	ppm		06/22/16 11:04	06/24/16 13:56	1
PCB-1260	<0.123		0.409	0.123	ppm		06/22/16 11:04	06/24/16 13:56	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	111		20 - 150				06/22/16 11:04	06/24/16 13:56	1
Tetrachloro-m-xylene	102		19 - 147				06/22/16 11:04	06/24/16 13:56	1

# Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-105592-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-133**

Date Collected: 06/10/16 15:01

Date Received: 06/14/16 09:25

**Lab Sample ID: 490-105592-5**

Matrix: Solid

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<5.67		18.9	5.67	ppm		06/22/16 11:04	06/24/16 14:11	100
PCB-1221	<5.67		18.9	5.67	ppm		06/22/16 11:04	06/24/16 14:11	100
PCB-1232	<11.3		18.9	11.3	ppm		06/22/16 11:04	06/24/16 14:11	100
PCB-1242	<5.67		18.9	5.67	ppm		06/22/16 11:04	06/24/16 14:11	100
PCB-1248	<5.67		18.9	5.67	ppm		06/22/16 11:04	06/24/16 14:11	100
PCB-1254	<5.67		18.9	5.67	ppm		06/22/16 11:04	06/24/16 14:11	100
PCB-1260	<5.67		18.9	5.67	ppm		06/22/16 11:04	06/24/16 14:11	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	238	p X	20 - 150				06/22/16 11:04	06/24/16 14:11	100
Tetrachloro-m-xylene	2	p X	19 - 147				06/22/16 11:04	06/24/16 14:11	100

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## Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-105592-1  
SDG: 4213-15-242 Phase I

**Client Sample ID: CL-134**

Date Collected: 06/10/16 15:02

Date Received: 06/14/16 09:25

**Lab Sample ID: 490-105592-6**

Matrix: Solid

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0852		0.284	0.0852	ppm		06/22/16 11:04	06/24/16 14:26	1
PCB-1221	<0.0852		0.284	0.0852	ppm		06/22/16 11:04	06/24/16 14:26	1
PCB-1232	<0.170		0.284	0.170	ppm		06/22/16 11:04	06/24/16 14:26	1
PCB-1242	<0.0852		0.284	0.0852	ppm		06/22/16 11:04	06/24/16 14:26	1
PCB-1248	<0.0852		0.284	0.0852	ppm		06/22/16 11:04	06/24/16 14:26	1
PCB-1254	<0.0852		0.284	0.0852	ppm		06/22/16 11:04	06/24/16 14:26	1
PCB-1260	<0.0852		0.284	0.0852	ppm		06/22/16 11:04	06/24/16 14:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	106		20 - 150				06/22/16 11:04	06/24/16 14:26	1
Tetrachloro-m-xylene	89		19 - 147				06/22/16 11:04	06/24/16 14:26	1

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-105592-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-135**

Date Collected: 06/10/16 15:02

Date Received: 06/14/16 09:25

**Lab Sample ID: 490-105592-7**

Matrix: Solid

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit
PCB-1016	<0.113		0.376	0.113	ppm
PCB-1221	<0.113		0.376	0.113	ppm
PCB-1232	<0.226		0.376	0.226	ppm
PCB-1242	<0.113		0.376	0.113	ppm
PCB-1248	<0.113		0.376	0.113	ppm
PCB-1254	1.81		0.376	0.113	ppm
PCB-1260	<0.113		0.376	0.113	ppm

D	Prepared	Analyzed	Dil Fac
	06/22/16 11:04	06/24/16 14:42	1
	06/22/16 11:04	06/24/16 14:42	1
	06/22/16 11:04	06/24/16 14:42	1
	06/22/16 11:04	06/24/16 14:42	1
	06/22/16 11:04	06/24/16 14:42	1
	06/22/16 11:04	06/24/16 14:42	1
	06/22/16 11:04	06/24/16 14:42	1

Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	123		20 - 150
Tetrachloro-m-xylene	101		19 - 147

	Prepared	Analyzed	Dil Fac
	06/22/16 11:04	06/24/16 14:42	1
	06/22/16 11:04	06/24/16 14:42	1

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## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-105592-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-136**

Date Collected: 06/10/16 15:03

Date Received: 06/14/16 09:25

**Lab Sample ID: 490-105592-8**

Matrix: Solid

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0906		0.302	0.0906	ppm		06/22/16 11:04	06/24/16 14:57	1
PCB-1221	<0.0906		0.302	0.0906	ppm		06/22/16 11:04	06/24/16 14:57	1
PCB-1232	<0.181		0.302	0.181	ppm		06/22/16 11:04	06/24/16 14:57	1
PCB-1242	<0.0906		0.302	0.0906	ppm		06/22/16 11:04	06/24/16 14:57	1
PCB-1248	<0.0906		0.302	0.0906	ppm		06/22/16 11:04	06/24/16 14:57	1
PCB-1254	<0.0906		0.302	0.0906	ppm		06/22/16 11:04	06/24/16 14:57	1
PCB-1260	<0.0906		0.302	0.0906	ppm		06/22/16 11:04	06/24/16 14:57	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	123		20 - 150				06/22/16 11:04	06/24/16 14:57	1
Tetrachloro-m-xylene	102		19 - 147				06/22/16 11:04	06/24/16 14:57	1

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-105592-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-137**

Date Collected: 06/10/16 15:03

Date Received: 06/14/16 09:25

**Lab Sample ID: 490-105592-9**

Matrix: Solid

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<4.75		15.8	4.75	ppm		06/22/16 11:04	06/24/16 15:12	100
PCB-1221	<4.75		15.8	4.75	ppm		06/22/16 11:04	06/24/16 15:12	100
PCB-1232	<9.51		15.8	9.51	ppm		06/22/16 11:04	06/24/16 15:12	100
PCB-1242	<4.75		15.8	4.75	ppm		06/22/16 11:04	06/24/16 15:12	100
PCB-1248	<4.75		15.8	4.75	ppm		06/22/16 11:04	06/24/16 15:12	100
PCB-1254	<4.75		15.8	4.75	ppm		06/22/16 11:04	06/24/16 15:12	100
PCB-1260	<4.75		15.8	4.75	ppm		06/22/16 11:04	06/24/16 15:12	100
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	247	p X	20 - 150				06/22/16 11:04	06/24/16 15:12	100
Tetrachloro-m-xylene	89	p	19 - 147				06/22/16 11:04	06/24/16 15:12	100



## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-105592-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-138**

Date Collected: 06/10/16 15:03

Date Received: 06/14/16 09:25

**Lab Sample ID: 490-105592-10**

Matrix: Solid

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit
PCB-1016	<0.151		0.502	0.151	ppm
PCB-1221	<0.151		0.502	0.151	ppm
PCB-1232	<0.302		0.502	0.302	ppm
PCB-1242	<0.151		0.502	0.151	ppm
PCB-1248	<0.151		0.502	0.151	ppm
PCB-1254	<0.151		0.502	0.151	ppm
PCB-1260	<0.151		0.502	0.151	ppm

D	Prepared	Analyzed	Dil Fac
	06/22/16 11:04	06/24/16 15:27	1
	06/22/16 11:04	06/24/16 15:27	1
	06/22/16 11:04	06/24/16 15:27	1
	06/22/16 11:04	06/24/16 15:27	1
	06/22/16 11:04	06/24/16 15:27	1
	06/22/16 11:04	06/24/16 15:27	1
	06/22/16 11:04	06/24/16 15:27	1

Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	133		20 - 150
Tetrachloro-m-xylene	121		19 - 147

	Prepared	Analyzed	Dil Fac
	06/22/16 11:04	06/24/16 15:27	1
	06/22/16 11:04	06/24/16 15:27	1

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-105592-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-139**

Date Collected: 06/10/16 15:04

Date Received: 06/14/16 09:25

**Lab Sample ID: 490-105592-11**

Matrix: Solid

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.113		0.377	0.113	ppm		06/22/16 11:04	06/24/16 15:42	1
PCB-1221	<0.113		0.377	0.113	ppm		06/22/16 11:04	06/24/16 15:42	1
PCB-1232	<0.226		0.377	0.226	ppm		06/22/16 11:04	06/24/16 15:42	1
PCB-1242	<0.113		0.377	0.113	ppm		06/22/16 11:04	06/24/16 15:42	1
PCB-1248	<0.113		0.377	0.113	ppm		06/22/16 11:04	06/24/16 15:42	1
PCB-1254	<0.113		0.377	0.113	ppm		06/22/16 11:04	06/24/16 15:42	1
PCB-1260	<0.113		0.377	0.113	ppm		06/22/16 11:04	06/24/16 15:42	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	127		20 - 150				06/22/16 11:04	06/24/16 15:42	1
Tetrachloro-m-xylene	110		19 - 147				06/22/16 11:04	06/24/16 15:42	1

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-105592-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-140**

Date Collected: 06/10/16 15:04

Date Received: 06/14/16 09:25

**Lab Sample ID: 490-105592-12**

Matrix: Solid

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.152		0.507	0.152	ppm		06/22/16 11:04	06/24/16 15:56	1
PCB-1221	<0.152		0.507	0.152	ppm		06/22/16 11:04	06/24/16 15:56	1
PCB-1232	<0.305		0.507	0.305	ppm		06/22/16 11:04	06/24/16 15:56	1
PCB-1242	<0.152		0.507	0.152	ppm		06/22/16 11:04	06/24/16 15:56	1
PCB-1248	<0.152		0.507	0.152	ppm		06/22/16 11:04	06/24/16 15:56	1
PCB-1254	<0.152		0.507	0.152	ppm		06/22/16 11:04	06/24/16 15:56	1
PCB-1260	0.173	J	0.507	0.152	ppm		06/22/16 11:04	06/24/16 15:56	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	125		20 - 150				06/22/16 11:04	06/24/16 15:56	1
Tetrachloro-m-xylene	109		19 - 147				06/22/16 11:04	06/24/16 15:56	1

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-105592-1  
 SDG: 4213-15-242 Phase I

**Client Sample ID: CL-141**

Date Collected: 06/10/16 15:05

Date Received: 06/14/16 09:25

**Lab Sample ID: 490-105592-13**

Matrix: Solid

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.167		0.555	0.167	ppm		06/22/16 11:04	06/24/16 16:11	1
PCB-1221	<0.167		0.555	0.167	ppm		06/22/16 11:04	06/24/16 16:11	1
PCB-1232	<0.333		0.555	0.333	ppm		06/22/16 11:04	06/24/16 16:11	1
PCB-1242	<0.167		0.555	0.167	ppm		06/22/16 11:04	06/24/16 16:11	1
PCB-1248	<0.167		0.555	0.167	ppm		06/22/16 11:04	06/24/16 16:11	1
PCB-1254	<0.167		0.555	0.167	ppm		06/22/16 11:04	06/24/16 16:11	1
PCB-1260	<0.167		0.555	0.167	ppm		06/22/16 11:04	06/24/16 16:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	141		20 - 150				06/22/16 11:04	06/24/16 16:11	1
Tetrachloro-m-xylene	120		19 - 147				06/22/16 11:04	06/24/16 16:11	1

## Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-105592-1  
SDG: 4213-15-242 Phase I

**Client Sample ID: CL-142**

Date Collected: 06/10/16 15:05

Date Received: 06/14/16 09:25

**Lab Sample ID: 490-105592-14**

Matrix: Solid

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.131		0.436	0.131	ppm		06/22/16 11:04	06/24/16 16:27	1
PCB-1221	<0.131		0.436	0.131	ppm		06/22/16 11:04	06/24/16 16:27	1
PCB-1232	<0.262		0.436	0.262	ppm		06/22/16 11:04	06/24/16 16:27	1
PCB-1242	<0.131		0.436	0.131	ppm		06/22/16 11:04	06/24/16 16:27	1
PCB-1248	<0.131		0.436	0.131	ppm		06/22/16 11:04	06/24/16 16:27	1
PCB-1254	<0.131		0.436	0.131	ppm		06/22/16 11:04	06/24/16 16:27	1
PCB-1260	3.29		0.436	0.131	ppm		06/22/16 11:04	06/24/16 16:27	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	132		20 - 150				06/22/16 11:04	06/24/16 16:27	1
Tetrachloro-m-xylene	108		19 - 147				06/22/16 11:04	06/24/16 16:27	1

# QC Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-105592-1  
SDG: 4213-15-242 Phase I

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 490-349683/1-A  
Matrix: Solid  
Analysis Batch: 350251

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 349683

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	<0.0100		0.0333	0.0100	ppm		06/22/16 11:04	06/24/16 12:40	1
PCB-1221	<0.0100		0.0333	0.0100	ppm		06/22/16 11:04	06/24/16 12:40	1
PCB-1232	<0.0200		0.0333	0.0200	ppm		06/22/16 11:04	06/24/16 12:40	1
PCB-1242	<0.0100		0.0333	0.0100	ppm		06/22/16 11:04	06/24/16 12:40	1
PCB-1248	<0.0100		0.0333	0.0100	ppm		06/22/16 11:04	06/24/16 12:40	1
PCB-1254	<0.0100		0.0333	0.0100	ppm		06/22/16 11:04	06/24/16 12:40	1
PCB-1260	<0.0100		0.0333	0.0100	ppm		06/22/16 11:04	06/24/16 12:40	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl (Surr)	143		20 - 150	06/22/16 11:04	06/24/16 12:40	1
Tetrachloro-m-xylene	134		19 - 147	06/22/16 11:04	06/24/16 12:40	1

Lab Sample ID: LCS 490-349683/2-A  
Matrix: Solid  
Analysis Batch: 350251

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 349683

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
PCB-1016	0.167	0.2046		ppm		123	65 - 125
PCB-1260	0.167	0.2114		ppm		127	52 - 150

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl (Surr)	124		20 - 150
Tetrachloro-m-xylene	106		19 - 147

## QC Association Summary

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-105592-1  
 SDG: 4213-15-242 Phase I

### GC Semi VOA

#### Prep Batch: 349683

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-105592-1	CL-129	Total/NA	Solid	3550C	
490-105592-2	CL-130	Total/NA	Solid	3550C	
490-105592-3	CL-131	Total/NA	Solid	3550C	
490-105592-4	CL-132	Total/NA	Solid	3550C	
490-105592-5	CL-133	Total/NA	Solid	3550C	
490-105592-6	CL-134	Total/NA	Solid	3550C	
490-105592-7	CL-135	Total/NA	Solid	3550C	
490-105592-8	CL-136	Total/NA	Solid	3550C	
490-105592-9	CL-137	Total/NA	Solid	3550C	
490-105592-10	CL-138	Total/NA	Solid	3550C	
490-105592-11	CL-139	Total/NA	Solid	3550C	
490-105592-12	CL-140	Total/NA	Solid	3550C	
490-105592-13	CL-141	Total/NA	Solid	3550C	
490-105592-14	CL-142	Total/NA	Solid	3550C	
LCS 490-349683/2-A	Lab Control Sample	Total/NA	Solid	3550C	
MB 490-349683/1-A	Method Blank	Total/NA	Solid	3550C	

#### Analysis Batch: 350251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-105592-1	CL-129	Total/NA	Solid	8082A	349683
490-105592-2	CL-130	Total/NA	Solid	8082A	349683
490-105592-3	CL-131	Total/NA	Solid	8082A	349683
490-105592-4	CL-132	Total/NA	Solid	8082A	349683
490-105592-5	CL-133	Total/NA	Solid	8082A	349683
490-105592-6	CL-134	Total/NA	Solid	8082A	349683
490-105592-7	CL-135	Total/NA	Solid	8082A	349683
490-105592-8	CL-136	Total/NA	Solid	8082A	349683
490-105592-9	CL-137	Total/NA	Solid	8082A	349683
490-105592-10	CL-138	Total/NA	Solid	8082A	349683
490-105592-11	CL-139	Total/NA	Solid	8082A	349683
490-105592-12	CL-140	Total/NA	Solid	8082A	349683
490-105592-13	CL-141	Total/NA	Solid	8082A	349683
490-105592-14	CL-142	Total/NA	Solid	8082A	349683
LCS 490-349683/2-A	Lab Control Sample	Total/NA	Solid	8082A	349683
MB 490-349683/1-A	Method Blank	Total/NA	Solid	8082A	349683

# Lab Chronicle

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-105592-1  
SDG: 4213-15-242 Phase I

## Client Sample ID: CL-129

Date Collected: 06/10/16 15:00  
Date Received: 06/14/16 09:25

## Lab Sample ID: 490-105592-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			9.78 g	10 mL	349683	06/22/16 11:04	LOJ	TAL NSH
Total/NA	Analysis	8082A		100	9.78 g	10 mL	350251	06/24/16 13:10	MGH	TAL NSH

## Client Sample ID: CL-130

Date Collected: 06/10/16 15:00  
Date Received: 06/14/16 09:25

## Lab Sample ID: 490-105592-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			6.93 g	10 mL	349683	06/22/16 11:04	LOJ	TAL NSH
Total/NA	Analysis	8082A		100	6.93 g	10 mL	350251	06/24/16 13:25	MGH	TAL NSH

## Client Sample ID: CL-131

Date Collected: 06/10/16 15:00  
Date Received: 06/14/16 09:25

## Lab Sample ID: 490-105592-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			10.01 g	10 mL	349683	06/22/16 11:04	LOJ	TAL NSH
Total/NA	Analysis	8082A		100	10.01 g	10 mL	350251	06/24/16 13:41	MGH	TAL NSH

## Client Sample ID: CL-132

Date Collected: 06/10/16 15:01  
Date Received: 06/14/16 09:25

## Lab Sample ID: 490-105592-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			2.44 g	10 mL	349683	06/22/16 11:04	LOJ	TAL NSH
Total/NA	Analysis	8082A		1	2.44 g	10 mL	350251	06/24/16 13:56	MGH	TAL NSH

## Client Sample ID: CL-133

Date Collected: 06/10/16 15:01  
Date Received: 06/14/16 09:25

## Lab Sample ID: 490-105592-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			5.29 g	10 mL	349683	06/22/16 11:04	LOJ	TAL NSH
Total/NA	Analysis	8082A		100	5.29 g	10 mL	350251	06/24/16 14:11	MGH	TAL NSH

## Client Sample ID: CL-134

Date Collected: 06/10/16 15:02  
Date Received: 06/14/16 09:25

## Lab Sample ID: 490-105592-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			3.52 g	10 mL	349683	06/22/16 11:04	LOJ	TAL NSH
Total/NA	Analysis	8082A		1	3.52 g	10 mL	350251	06/24/16 14:26	MGH	TAL NSH

TestAmerica Nashville



# Lab Chronicle

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-105592-1  
SDG: 4213-15-242 Phase I

## Client Sample ID: CL-135

Date Collected: 06/10/16 15:02  
Date Received: 06/14/16 09:25

## Lab Sample ID: 490-105592-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			2.66 g	10 mL	349683	06/22/16 11:04	LOJ	TAL NSH
Total/NA	Analysis	8082A		1	2.66 g	10 mL	350251	06/24/16 14:42	MGH	TAL NSH

## Client Sample ID: CL-136

Date Collected: 06/10/16 15:03  
Date Received: 06/14/16 09:25

## Lab Sample ID: 490-105592-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			3.31 g	10 mL	349683	06/22/16 11:04	LOJ	TAL NSH
Total/NA	Analysis	8082A		1	3.31 g	10 mL	350251	06/24/16 14:57	MGH	TAL NSH

## Client Sample ID: CL-137

Date Collected: 06/10/16 15:03  
Date Received: 06/14/16 09:25

## Lab Sample ID: 490-105592-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			6.31 g	10 mL	349683	06/22/16 11:04	LOJ	TAL NSH
Total/NA	Analysis	8082A		100	6.31 g	10 mL	350251	06/24/16 15:12	MGH	TAL NSH

## Client Sample ID: CL-138

Date Collected: 06/10/16 15:03  
Date Received: 06/14/16 09:25

## Lab Sample ID: 490-105592-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1.99 g	10 mL	349683	06/22/16 11:04	LOJ	TAL NSH
Total/NA	Analysis	8082A		1	1.99 g	10 mL	350251	06/24/16 15:27	MGH	TAL NSH

## Client Sample ID: CL-139

Date Collected: 06/10/16 15:04  
Date Received: 06/14/16 09:25

## Lab Sample ID: 490-105592-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			2.65 g	10 mL	349683	06/22/16 11:04	LOJ	TAL NSH
Total/NA	Analysis	8082A		1	2.65 g	10 mL	350251	06/24/16 15:42	MGH	TAL NSH

## Client Sample ID: CL-140

Date Collected: 06/10/16 15:04  
Date Received: 06/14/16 09:25

## Lab Sample ID: 490-105592-12

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1.97 g	10 mL	349683	06/22/16 11:04	LOJ	TAL NSH
Total/NA	Analysis	8082A		1	1.97 g	10 mL	350251	06/24/16 15:56	MGH	TAL NSH

TestAmerica Nashville

## Lab Chronicle

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-105592-1  
SDG: 4213-15-242 Phase I

### Client Sample ID: CL-141

Date Collected: 06/10/16 15:05

Date Received: 06/14/16 09:25

### Lab Sample ID: 490-105592-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1.80 g	10 mL	349683	06/22/16 11:04	LOJ	TAL NSH
Total/NA	Analysis	8082A		1	1.80 g	10 mL	350251	06/24/16 16:11	MGH	TAL NSH

### Client Sample ID: CL-142

Date Collected: 06/10/16 15:05

Date Received: 06/14/16 09:25

### Lab Sample ID: 490-105592-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			2.29 g	10 mL	349683	06/22/16 11:04	LOJ	TAL NSH
Total/NA	Analysis	8082A		1	2.29 g	10 mL	350251	06/24/16 16:27	MGH	TAL NSH

#### Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

## Method Summary

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-105592-1  
SDG: 4213-15-242 Phase I

Method	Method Description	Protocol	Laboratory
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL NSH

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

# Certification Summary

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-105592-1  
SDG: 4213-15-242 Phase I

## Laboratory: TestAmerica Nashville

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
South Carolina	State Program	4	84009 (001)	02-28-16 *
Analysis Method	Prep Method	Matrix	Analyte	

\* Certification renewal pending - certification considered valid.

**COOLER RECEIPT FORM**



Cooler Received/Opened On 6-14-16 @ 925  
 Time Samples Removed From Cooler 1000 Time Samples Placed In Storage 1630 (2 Hour Window)

1. Tracking # 9063 (last 4 digits, FedEx) Courier: Fed-Ex  
 IR Gun ID 17960357 pH Strip Lot HC564992 Chlorine Strip Lot 1211515B
2. Temperature of rep. sample or temp blank when opened: 5.9 Degrees Celsius
3. If item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA
4. Were custody seals on outside of cooler? YES...NO...NA  
 If yes, how many and where: 2 Front
5. Were the seals intact, signed, and dated correctly? YES...NO...NA
6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) EF

7. Were custody seals on containers: YES NO and intact YES...NO...NA  
 Were these signed and dated correctly? YES...NO...NA
8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None
9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None
10. Did all containers arrive in good condition (unbroken)? YES...NO...NA
11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA *True not on*
12. Did all container labels and tags agree with custody papers? YES...NO...NA *COC. Used*
- 13a. Were VOA vials received? YES NO...NA *label info*
- b. Was there any observable headspace present in any VOA vial? YES...NO...NA
14. Was there a Trip Blank In this cooler? YES...NO...NA If multiple coolers, sequence # \_\_\_\_\_

I certify that I unloaded the cooler and answered questions 7-14 (initial) MMB

- 15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA  
 b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA
16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) MMB

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA
18. Did you sign the custody papers in the appropriate place? YES...NO...NA
19. Were correct containers used for the analysis requested? YES...NO...NA
20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) MMB

I certify that I attached a label with the unique LIMS number to each container (initial) MMB

21. Were there Non-Conformance issues at login? YES NO Was a NCM generated? YES...NO...# \_\_\_\_\_

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Loc: 490  
105592

Charleston Service Center  
page 1 of 2  
6/28/2016



Nashville Division  
2960 Foster Creighton  
Nashville, TN 37204

Phone: 615-726-0177  
Toll Free: 800-765-0980  
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?

Compliance Monitoring? Yes \_\_\_\_\_ No \_\_\_\_\_  
Enforcement Action? Yes \_\_\_\_\_ No \_\_\_\_\_

Client Name/Account #: S&ME # 2420  
Address: 620 Wando Park Road  
City/State/Zip: Mt. Pleasant, SC 29464  
Project Manager: Don Goins email: dgoins@smeinc.com copy jkillingworth@smeinc.com  
Telephone Number: 843.884.0005 Fax No.: 843.884-1696  
Sampler Name: (Print) Don Goins  
Sampler Signature: [Signature]

Site State: SC  
PO#: 40229  
TA Quote #:  
Project ID:  
Project #: 4213-15-242 PHASE I

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative								Matrix						Analyze For:				RUSH TAT (Pre-Schedule)	Standard TAT	Fax Results	Send QC with report				
							Ice	HNO <sub>3</sub> (Red Label)	HCl (Blue Label)	NaOH (Orange Label)	H <sub>2</sub> SO <sub>4</sub> Plastic (Yellow Label)	H <sub>2</sub> SO <sub>4</sub> Glass (Yellow Label)	None (Black Label)	Other (Specify)	Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	8082A PCBs	6010C LEAD, ZINC	CADMIUM, BARIUM									
CL-129	6-10-16			X																												
CL-130				X																												
CL-131				X																												
CL-132				X																												
CL-133				X																												
CL-134				X																												
CL-135				X																												
CL-136				X																												
CL-137				X																												
CL-138				X																												

Special Instructions:						Laboratory Comments:					
Method of Shipment: FEDEX						Temperature Upon Receipt: 5.9 VOCs Free of Headspace? Y N					
Relinquished by: <u>Don Goins</u>	Date <u>6.13.16</u>	Time <u>0805</u>	Received by: <u>[Signature]</u>	Date <u>6.13.16</u>	Time <u>0805</u>	<u>FedEx → Test America Nashville</u>					
Relinquished by: <u>[Signature]</u>	Date <u>6.13.16</u>	Time <u>1730</u>	Received by TestAmerica: <u>[Signature]</u>	Date <u>6/13/16</u>	Time <u>0845</u>						



## Login Sample Receipt Checklist

Client: S&ME, Inc.

Job Number: 490-105592-1  
SDG Number: 4213-15-242 Phase I

**Login Number: 105592**

**List Number: 1**

**Creator: Ramos, Martina M**

**List Source: TestAmerica Nashville**

Question	Answer	Comment
Radioactivity wasn't checked or is <= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Nashville  
2960 Foster Creighton Drive  
Nashville, TN 37204  
Tel: (615)726-0177

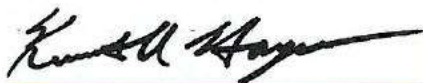
TestAmerica Job ID: 490-110197-1

TestAmerica Sample Delivery Group: 4213-15-242 Phase II  
Client Project/Site: Patriots Point USS Clamgore

For:

S&ME, Inc.  
620 Wando Park Boulevard  
Mt. Pleasant, South Carolina 29464

Attn: Mr. Don Goins



Authorized for release by:  
9/1/2016 10:11:42 AM

Ken Hayes, Project Manager II  
(615)301-5035  
[ken.hayes@testamericainc.com](mailto:ken.hayes@testamericainc.com)



### LINKS

Review your project results through

**Total Access**

Have a Question?



Visit us at:

[www.testamericainc.com](http://www.testamericainc.com)

*The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

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## Sample Summary

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
SDG: 4213-15-242 Phase II

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Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-110197-1	CL-143 Paint	Paint Chip	08/19/16 10:00	08/20/16 09:30
490-110197-2	CL-144 Paint	Solid	08/19/16 10:00	08/20/16 09:30
490-110197-3	CL-145 Paint	Solid	08/19/16 10:00	08/20/16 09:30
490-110197-4	CL-146 Paint	Solid	08/19/16 10:00	08/20/16 09:30
490-110197-5	CL-147 Paint	Solid	08/19/16 10:00	08/20/16 09:30
490-110197-6	CL-148 Paint	Solid	08/19/16 10:00	08/20/16 09:30
490-110197-7	CL-149 Paint	Solid	08/19/16 10:00	08/20/16 09:30
490-110197-8	CL-150 Paint	Solid	08/19/16 10:00	08/20/16 09:30
490-110197-9	CL-151 Paint	Solid	08/19/16 10:00	08/20/16 09:30
490-110197-10	CL-152 Paint	Solid	08/19/16 10:00	08/20/16 09:30
490-110197-11	CL-153 Paint	Solid	08/19/16 10:00	08/20/16 09:30
490-110197-12	CL-154 Paint	Solid	08/19/16 10:00	08/20/16 09:30
490-110197-13	CL-155 Paint	Solid	08/19/16 10:00	08/20/16 09:30
490-110197-14	CL-156 Paint	Solid	08/19/16 10:00	08/20/16 09:30
490-110197-15	CL-157 Paint	Solid	08/19/16 10:00	08/20/16 09:30
490-110197-16	CL-158 Paint	Solid	08/19/16 10:00	08/20/16 09:30
490-110197-17	CL-159 Paint	Solid	08/19/16 10:00	08/20/16 09:30
490-110197-18	CL-160 Paint	Solid	08/19/16 10:00	08/20/16 09:30
490-110197-19	CL-161 Paint	Solid	08/19/16 10:00	08/20/16 09:30
490-110197-20	CL-162 Paint	Solid	08/19/16 10:00	08/20/16 09:30
490-110197-21	CL-163 Paint	Solid	08/18/16 10:00	08/20/16 09:30
490-110197-22	CL-164 Paint	Solid	08/18/16 10:00	08/20/16 09:30
490-110197-23	CL-165 Paint	Solid	08/18/16 10:00	08/20/16 09:30
490-110197-24	CL-166 Paint	Solid	08/18/16 10:00	08/20/16 09:30
490-110197-25	CL-167 Paint	Solid	08/18/16 10:00	08/20/16 09:30
490-110197-26	CL-168 Paint	Solid	08/18/16 10:00	08/20/16 09:30
490-110197-27	CL-169 Paint	Solid	08/18/16 10:00	08/20/16 09:30
490-110197-28	CL-170 Paint	Solid	08/18/16 10:00	08/20/16 09:30
490-110197-29	CL-171 Paint	Solid	08/18/16 10:00	08/20/16 09:30
490-110197-30	CL-172 Paint	Solid	08/18/16 10:00	08/20/16 09:30
490-110197-31	CL-173 Cable Ins	Solid	08/18/16 10:00	08/20/16 09:30
490-110197-32	CL-174 Cable Ins	Solid	08/18/16 10:00	08/20/16 09:30
490-110197-33	CL-175 Cable Ins	Solid	08/18/16 10:00	08/20/16 09:30
490-110197-34	CL-176 Cable Ins	Solid	08/18/16 10:00	08/20/16 09:30
490-110197-35	CL-177 Cable Ins	Solid	08/18/16 10:00	08/20/16 09:30
490-110197-36	CL-178 Cable Ins	Solid	08/18/16 10:00	08/20/16 09:30
490-110197-37	CL-179 Cable Ins	Solid	08/18/16 10:00	08/20/16 09:30
490-110197-38	CL-180 Cable Ins	Solid	08/18/16 10:00	08/20/16 09:30
490-110197-39	CL-181 Cable Ins	Solid	08/18/16 10:00	08/20/16 09:30
490-110197-40	CL-182 Cable Ins	Solid	08/18/16 10:00	08/20/16 09:30
490-110197-41	CL-183 Cable Ins	Solid	08/18/16 10:00	08/20/16 09:30
490-110197-42	CL-184 Cable Ins	Solid	08/18/16 10:00	08/20/16 09:30
490-110197-43	CL-185 Cable Ins	Solid	08/18/16 10:00	08/20/16 09:30
490-110197-44	CL-186 Cable Ins	Solid	08/18/16 10:00	08/20/16 09:30
490-110197-45	CL-187 Cable Ins	Solid	08/18/16 10:00	08/20/16 09:30

## Case Narrative

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
SDG: 4213-15-242 Phase II

**Job ID: 490-110197-1**

**Laboratory: TestAmerica Nashville**

### Narrative

#### Job Narrative 490-110197-1

### Comments

No additional comments.

### Receipt

The samples were received on 8/20/2016 9:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.7° C.

### GC Semi VOA

Method(s) 8082A: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 490-365155 and analytical batch 490-365380.

Method(s) 8082A: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 490-365140 and analytical batch 490-365946.

Method(s) 8082A: The %RPD between the primary and confirmation column exceeded 40% for PCB-1254 for the following samples: CL-163 Paint (490-110197-21), CL-164 Paint (490-110197-22), CL-165 Paint (490-110197-23), CL-166 Paint (490-110197-24), CL-167 Paint (490-110197-25), CL-168 Paint (490-110197-26), CL-170 Paint (490-110197-28), CL-171 Paint (490-110197-29), CL-172 Paint (490-110197-30) and CL-176 Cable Ins (490-110197-34). The lower value(s) has been reported and qualified in accordance with the laboratory's SOP.

Method(s) 8082A: Surrogate recovery for the following samples was outside control limits: CL-163 Paint (490-110197-21), CL-164 Paint (490-110197-22), CL-165 Paint (490-110197-23), CL-166 Paint (490-110197-24), CL-167 Paint (490-110197-25), CL-168 Paint (490-110197-26), CL-169 Paint (490-110197-27), CL-170 Paint (490-110197-28), CL-171 Paint (490-110197-29), CL-172 Paint (490-110197-30) and CL-175 Cable Ins (490-110197-33). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 8082A: The %RPD between the primary and confirmation column exceeded 40% for DCB Decachlorobiphenyl (Surr) and Tetrachloro-m-xylene for the following samples: CL-163 Paint (490-110197-21), CL-166 Paint (490-110197-24), CL-171 Paint (490-110197-29), CL-172 Paint (490-110197-30) and CL-175 Cable Ins (490-110197-33). The lower value(s) has been reported and qualified in accordance with the laboratory's SOP.

Method(s) 8082A: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with 490-365129.

Method(s) 8082A: Surrogate recovery for the following samples was outside control limits: CL-153 Paint (490-110197-11), CL-158 Paint (490-110197-16), CL-159 Paint (490-110197-17), CL-160 Paint (490-110197-18) and CL-162 Paint (490-110197-20). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 8082A: The %RPD between the primary and confirmation column exceeded 40% for DCB Decachlorobiphenyl (Surr) and Tetrachloro-m-xylene for the following samples: CL-159 Paint (490-110197-17), CL-160 Paint (490-110197-18) and CL-161 Paint (490-110197-19). The lower value(s) has been reported and qualified in accordance with the laboratory's SOP.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

### Organic Prep

Method(s) 3550C: The following samples was provided to the laboratory with a significantly different initial weight than that required by the reference method: CL-143 Paint (490-110197-1), CL-144 Paint (490-110197-2), CL-145 Paint (490-110197-3), CL-146 Paint (490-110197-4), CL-147 Paint (490-110197-5), CL-148 Paint (490-110197-6), CL-149 Paint (490-110197-7), CL-150 Paint (490-110197-8), CL-151 Paint (490-110197-9), CL-152 Paint (490-110197-10), CL-153 Paint (490-110197-11), CL-154 Paint (490-110197-12), CL-155 Paint (490-110197-13), CL-156 Paint (490-110197-14), CL-157 Paint (490-110197-15), CL-158 Paint (490-110197-16), CL-159 Paint (490-110197-17), CL-160 Paint (490-110197-18), CL-161 Paint (490-110197-19), CL-162 Paint (490-110197-20), CL-183 Cable Ins (490-110197-41), CL-184 Cable Ins (490-110197-42), CL-185 Cable Ins (490-110197-43), CL-186

## Case Narrative

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
SDG: 4213-15-242 Phase II

### Job ID: 490-110197-1 (Continued)

#### Laboratory: TestAmerica Nashville (Continued)

Cable Ins (490-110197-44) and CL-187 Cable Ins (490-110197-45). The method requires 30. The amount provided was below this range.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

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## Definitions/Glossary

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
SDG: 4213-15-242 Phase II

### Qualifiers

#### GC Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

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## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
 SDG: 4213-15-242 Phase II

**Client Sample ID: CL-143 Paint**

Date Collected: 08/19/16 10:00

Date Received: 08/20/16 09:30

**Lab Sample ID: 490-110197-1**

Matrix: Paint Chip

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00975		0.0325	0.00975	mg/Kg		08/24/16 11:23	08/28/16 20:39	1
PCB-1221	<0.00975		0.0325	0.00975	mg/Kg		08/24/16 11:23	08/28/16 20:39	1
PCB-1232	<0.0195		0.0325	0.0195	mg/Kg		08/24/16 11:23	08/28/16 20:39	1
PCB-1242	<0.00975		0.0325	0.00975	mg/Kg		08/24/16 11:23	08/28/16 20:39	1
PCB-1248	<0.00975		0.0325	0.00975	mg/Kg		08/24/16 11:23	08/28/16 20:39	1
PCB-1254	<0.00975		0.0325	0.00975	mg/Kg		08/24/16 11:23	08/28/16 20:39	1
PCB-1260	<0.00975		0.0325	0.00975	mg/Kg		08/24/16 11:23	08/28/16 20:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	113		20 - 150				08/24/16 11:23	08/28/16 20:39	1
Tetrachloro-m-xylene	89		19 - 147				08/24/16 11:23	08/28/16 20:39	1

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
 SDG: 4213-15-242 Phase II

**Client Sample ID: CL-144 Paint**

Date Collected: 08/19/16 10:00  
 Date Received: 08/20/16 09:30

**Lab Sample ID: 490-110197-2**  
 Matrix: Solid

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00988		0.0329	0.00988	mg/Kg		08/24/16 11:23	08/28/16 20:54	1
PCB-1221	<0.00988		0.0329	0.00988	mg/Kg		08/24/16 11:23	08/28/16 20:54	1
PCB-1232	<0.0198		0.0329	0.0198	mg/Kg		08/24/16 11:23	08/28/16 20:54	1
PCB-1242	<0.00988		0.0329	0.00988	mg/Kg		08/24/16 11:23	08/28/16 20:54	1
PCB-1248	<0.00988		0.0329	0.00988	mg/Kg		08/24/16 11:23	08/28/16 20:54	1
PCB-1254	<0.00988		0.0329	0.00988	mg/Kg		08/24/16 11:23	08/28/16 20:54	1
PCB-1260	<0.00988		0.0329	0.00988	mg/Kg		08/24/16 11:23	08/28/16 20:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	95		20 - 150				08/24/16 11:23	08/28/16 20:54	1
Tetrachloro-m-xylene	72		19 - 147				08/24/16 11:23	08/28/16 20:54	1

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## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
 SDG: 4213-15-242 Phase II

**Client Sample ID: CL-145 Paint**

Date Collected: 08/19/16 10:00

Date Received: 08/20/16 09:30

**Lab Sample ID: 490-110197-3**

Matrix: Solid

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00981		0.0327	0.00981	mg/Kg		08/24/16 11:23	08/28/16 21:10	1
PCB-1221	<0.00981		0.0327	0.00981	mg/Kg		08/24/16 11:23	08/28/16 21:10	1
PCB-1232	<0.0196		0.0327	0.0196	mg/Kg		08/24/16 11:23	08/28/16 21:10	1
PCB-1242	<0.00981		0.0327	0.00981	mg/Kg		08/24/16 11:23	08/28/16 21:10	1
PCB-1248	<0.00981		0.0327	0.00981	mg/Kg		08/24/16 11:23	08/28/16 21:10	1
PCB-1254	<0.00981		0.0327	0.00981	mg/Kg		08/24/16 11:23	08/28/16 21:10	1
PCB-1260	<0.00981		0.0327	0.00981	mg/Kg		08/24/16 11:23	08/28/16 21:10	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	83		20 - 150				08/24/16 11:23	08/28/16 21:10	1
Tetrachloro-m-xylene	70		19 - 147				08/24/16 11:23	08/28/16 21:10	1

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
 SDG: 4213-15-242 Phase II

**Client Sample ID: CL-146 Paint**

Date Collected: 08/19/16 10:00

Date Received: 08/20/16 09:30

**Lab Sample ID: 490-110197-4**

Matrix: Solid

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00978		0.0326	0.00978	mg/Kg		08/24/16 11:23	08/28/16 21:25	1
PCB-1221	<0.00978		0.0326	0.00978	mg/Kg		08/24/16 11:23	08/28/16 21:25	1
PCB-1232	<0.0196		0.0326	0.0196	mg/Kg		08/24/16 11:23	08/28/16 21:25	1
PCB-1242	<0.00978		0.0326	0.00978	mg/Kg		08/24/16 11:23	08/28/16 21:25	1
PCB-1248	<0.00978		0.0326	0.00978	mg/Kg		08/24/16 11:23	08/28/16 21:25	1
PCB-1254	<0.00978		0.0326	0.00978	mg/Kg		08/24/16 11:23	08/28/16 21:25	1
PCB-1260	<0.00978		0.0326	0.00978	mg/Kg		08/24/16 11:23	08/28/16 21:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	113		20 - 150				08/24/16 11:23	08/28/16 21:25	1
Tetrachloro-m-xylene	98		19 - 147				08/24/16 11:23	08/28/16 21:25	1

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
 SDG: 4213-15-242 Phase II

**Client Sample ID: CL-147 Paint**

Date Collected: 08/19/16 10:00  
 Date Received: 08/20/16 09:30

**Lab Sample ID: 490-110197-5**  
 Matrix: Solid

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00993		0.0331	0.00993	mg/Kg		08/24/16 11:23	08/28/16 21:41	1
PCB-1221	<0.00993		0.0331	0.00993	mg/Kg		08/24/16 11:23	08/28/16 21:41	1
PCB-1232	<0.0199		0.0331	0.0199	mg/Kg		08/24/16 11:23	08/28/16 21:41	1
PCB-1242	<0.00993		0.0331	0.00993	mg/Kg		08/24/16 11:23	08/28/16 21:41	1
PCB-1248	<0.00993		0.0331	0.00993	mg/Kg		08/24/16 11:23	08/28/16 21:41	1
PCB-1254	<0.00993		0.0331	0.00993	mg/Kg		08/24/16 11:23	08/28/16 21:41	1
PCB-1260	<0.00993		0.0331	0.00993	mg/Kg		08/24/16 11:23	08/28/16 21:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	103		20 - 150				08/24/16 11:23	08/28/16 21:41	1
Tetrachloro-m-xylene	87		19 - 147				08/24/16 11:23	08/28/16 21:41	1

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
 SDG: 4213-15-242 Phase II

**Client Sample ID: CL-148 Paint**

Date Collected: 08/19/16 10:00

Date Received: 08/20/16 09:30

**Lab Sample ID: 490-110197-6**

Matrix: Solid

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00987		0.0329	0.00987	mg/Kg		08/24/16 11:23	08/28/16 21:57	1
PCB-1221	<0.00987		0.0329	0.00987	mg/Kg		08/24/16 11:23	08/28/16 21:57	1
PCB-1232	<0.0197		0.0329	0.0197	mg/Kg		08/24/16 11:23	08/28/16 21:57	1
PCB-1242	<0.00987		0.0329	0.00987	mg/Kg		08/24/16 11:23	08/28/16 21:57	1
PCB-1248	<0.00987		0.0329	0.00987	mg/Kg		08/24/16 11:23	08/28/16 21:57	1
PCB-1254	<0.00987		0.0329	0.00987	mg/Kg		08/24/16 11:23	08/28/16 21:57	1
PCB-1260	<0.00987		0.0329	0.00987	mg/Kg		08/24/16 11:23	08/28/16 21:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	91		20 - 150				08/24/16 11:23	08/28/16 21:57	1
Tetrachloro-m-xylene	74		19 - 147				08/24/16 11:23	08/28/16 21:57	1

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
 SDG: 4213-15-242 Phase II

**Client Sample ID: CL-149 Paint**

Date Collected: 08/19/16 10:00

Date Received: 08/20/16 09:30

**Lab Sample ID: 490-110197-7**

Matrix: Solid

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00987		0.0329	0.00987	mg/Kg		08/24/16 11:23	08/28/16 22:12	1
PCB-1221	<0.00987		0.0329	0.00987	mg/Kg		08/24/16 11:23	08/28/16 22:12	1
PCB-1232	<0.0197		0.0329	0.0197	mg/Kg		08/24/16 11:23	08/28/16 22:12	1
PCB-1242	<0.00987		0.0329	0.00987	mg/Kg		08/24/16 11:23	08/28/16 22:12	1
PCB-1248	<0.00987		0.0329	0.00987	mg/Kg		08/24/16 11:23	08/28/16 22:12	1
PCB-1254	0.0311	J	0.0329	0.00987	mg/Kg		08/24/16 11:23	08/28/16 22:12	1
PCB-1260	<0.00987		0.0329	0.00987	mg/Kg		08/24/16 11:23	08/28/16 22:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	100		20 - 150				08/24/16 11:23	08/28/16 22:12	1
Tetrachloro-m-xylene	84		19 - 147				08/24/16 11:23	08/28/16 22:12	1

# Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
 SDG: 4213-15-242 Phase II

**Client Sample ID: CL-150 Paint**

Date Collected: 08/19/16 10:00

Date Received: 08/20/16 09:30

**Lab Sample ID: 490-110197-8**

Matrix: Solid

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00993		0.0331	0.00993	mg/Kg		08/24/16 11:23	08/28/16 22:28	1
PCB-1221	<0.00993		0.0331	0.00993	mg/Kg		08/24/16 11:23	08/28/16 22:28	1
PCB-1232	<0.0199		0.0331	0.0199	mg/Kg		08/24/16 11:23	08/28/16 22:28	1
PCB-1242	<0.00993		0.0331	0.00993	mg/Kg		08/24/16 11:23	08/28/16 22:28	1
PCB-1248	<0.00993		0.0331	0.00993	mg/Kg		08/24/16 11:23	08/28/16 22:28	1
PCB-1254	<0.00993		0.0331	0.00993	mg/Kg		08/24/16 11:23	08/28/16 22:28	1
PCB-1260	<0.00993		0.0331	0.00993	mg/Kg		08/24/16 11:23	08/28/16 22:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	95		20 - 150				08/24/16 11:23	08/28/16 22:28	1
Tetrachloro-m-xylene	83		19 - 147				08/24/16 11:23	08/28/16 22:28	1

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
 SDG: 4213-15-242 Phase II

**Client Sample ID: CL-151 Paint**

Date Collected: 08/19/16 10:00

Date Received: 08/20/16 09:30

**Lab Sample ID: 490-110197-9**

Matrix: Solid

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00997		0.0332	0.00997	mg/Kg		08/24/16 11:23	08/28/16 22:43	1
PCB-1221	<0.00997		0.0332	0.00997	mg/Kg		08/24/16 11:23	08/28/16 22:43	1
PCB-1232	<0.0199		0.0332	0.0199	mg/Kg		08/24/16 11:23	08/28/16 22:43	1
PCB-1242	<0.00997		0.0332	0.00997	mg/Kg		08/24/16 11:23	08/28/16 22:43	1
PCB-1248	<0.00997		0.0332	0.00997	mg/Kg		08/24/16 11:23	08/28/16 22:43	1
PCB-1254	<0.00997		0.0332	0.00997	mg/Kg		08/24/16 11:23	08/28/16 22:43	1
PCB-1260	<0.00997		0.0332	0.00997	mg/Kg		08/24/16 11:23	08/28/16 22:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	115		20 - 150				08/24/16 11:23	08/28/16 22:43	1
Tetrachloro-m-xylene	97		19 - 147				08/24/16 11:23	08/28/16 22:43	1

## Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
SDG: 4213-15-242 Phase II

**Client Sample ID: CL-152 Paint**

Date Collected: 08/19/16 10:00

Date Received: 08/20/16 09:30

**Lab Sample ID: 490-110197-10**

Matrix: Solid

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00995		0.0331	0.00995	mg/Kg		08/24/16 11:23	08/28/16 22:59	1
PCB-1221	<0.00995		0.0331	0.00995	mg/Kg		08/24/16 11:23	08/28/16 22:59	1
PCB-1232	<0.0199		0.0331	0.0199	mg/Kg		08/24/16 11:23	08/28/16 22:59	1
PCB-1242	<0.00995		0.0331	0.00995	mg/Kg		08/24/16 11:23	08/28/16 22:59	1
PCB-1248	<0.00995		0.0331	0.00995	mg/Kg		08/24/16 11:23	08/28/16 22:59	1
PCB-1254	<0.00995		0.0331	0.00995	mg/Kg		08/24/16 11:23	08/28/16 22:59	1
PCB-1260	<0.00995		0.0331	0.00995	mg/Kg		08/24/16 11:23	08/28/16 22:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	106		20 - 150				08/24/16 11:23	08/28/16 22:59	1
Tetrachloro-m-xylene	87		19 - 147				08/24/16 11:23	08/28/16 22:59	1



## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
 SDG: 4213-15-242 Phase II

**Client Sample ID: CL-153 Paint**

Date Collected: 08/19/16 10:00

Date Received: 08/20/16 09:30

**Lab Sample ID: 490-110197-11**

Matrix: Solid

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00988		0.0329	0.00988	mg/Kg		08/24/16 11:23	08/28/16 23:14	1
PCB-1221	<0.00988		0.0329	0.00988	mg/Kg		08/24/16 11:23	08/28/16 23:14	1
PCB-1232	<0.0198		0.0329	0.0198	mg/Kg		08/24/16 11:23	08/28/16 23:14	1
PCB-1242	<0.00988		0.0329	0.00988	mg/Kg		08/24/16 11:23	08/28/16 23:14	1
PCB-1248	<0.00988		0.0329	0.00988	mg/Kg		08/24/16 11:23	08/28/16 23:14	1
PCB-1254	<0.00988		0.0329	0.00988	mg/Kg		08/24/16 11:23	08/28/16 23:14	1
PCB-1260	<0.00988		0.0329	0.00988	mg/Kg		08/24/16 11:23	08/28/16 23:14	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	24		20 - 150				08/24/16 11:23	08/28/16 23:14	1
Tetrachloro-m-xylene	14	X	19 - 147				08/24/16 11:23	08/28/16 23:14	1

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
 SDG: 4213-15-242 Phase II

**Client Sample ID: CL-154 Paint**

Date Collected: 08/19/16 10:00

Date Received: 08/20/16 09:30

**Lab Sample ID: 490-110197-12**

Matrix: Solid

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00985		0.0328	0.00985	mg/Kg		08/24/16 11:23	08/28/16 23:29	1
PCB-1221	<0.00985		0.0328	0.00985	mg/Kg		08/24/16 11:23	08/28/16 23:29	1
PCB-1232	<0.0197		0.0328	0.0197	mg/Kg		08/24/16 11:23	08/28/16 23:29	1
PCB-1242	<0.00985		0.0328	0.00985	mg/Kg		08/24/16 11:23	08/28/16 23:29	1
PCB-1248	<0.00985		0.0328	0.00985	mg/Kg		08/24/16 11:23	08/28/16 23:29	1
PCB-1254	<0.00985		0.0328	0.00985	mg/Kg		08/24/16 11:23	08/28/16 23:29	1
PCB-1260	<0.00985		0.0328	0.00985	mg/Kg		08/24/16 11:23	08/28/16 23:29	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	105		20 - 150				08/24/16 11:23	08/28/16 23:29	1
Tetrachloro-m-xylene	84		19 - 147				08/24/16 11:23	08/28/16 23:29	1

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
 SDG: 4213-15-242 Phase II

**Client Sample ID: CL-155 Paint**

Date Collected: 08/19/16 10:00

Date Received: 08/20/16 09:30

**Lab Sample ID: 490-110197-13**

Matrix: Solid

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00978		0.0326	0.00978	mg/Kg		08/24/16 11:23	08/28/16 23:45	1
PCB-1221	<0.00978		0.0326	0.00978	mg/Kg		08/24/16 11:23	08/28/16 23:45	1
PCB-1232	<0.0196		0.0326	0.0196	mg/Kg		08/24/16 11:23	08/28/16 23:45	1
PCB-1242	<0.00978		0.0326	0.00978	mg/Kg		08/24/16 11:23	08/28/16 23:45	1
PCB-1248	<0.00978		0.0326	0.00978	mg/Kg		08/24/16 11:23	08/28/16 23:45	1
PCB-1254	<0.00978		0.0326	0.00978	mg/Kg		08/24/16 11:23	08/28/16 23:45	1
PCB-1260	<0.00978		0.0326	0.00978	mg/Kg		08/24/16 11:23	08/28/16 23:45	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	92		20 - 150				08/24/16 11:23	08/28/16 23:45	1
Tetrachloro-m-xylene	79		19 - 147				08/24/16 11:23	08/28/16 23:45	1

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
 SDG: 4213-15-242 Phase II

**Client Sample ID: CL-156 Paint**

**Lab Sample ID: 490-110197-14**

Date Collected: 08/19/16 10:00

Matrix: Solid

Date Received: 08/20/16 09:30

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00971		0.0323	0.00971	mg/Kg		08/24/16 11:23	08/29/16 00:00	1
PCB-1221	<0.00971		0.0323	0.00971	mg/Kg		08/24/16 11:23	08/29/16 00:00	1
PCB-1232	<0.0194		0.0323	0.0194	mg/Kg		08/24/16 11:23	08/29/16 00:00	1
PCB-1242	<0.00971		0.0323	0.00971	mg/Kg		08/24/16 11:23	08/29/16 00:00	1
PCB-1248	<0.00971		0.0323	0.00971	mg/Kg		08/24/16 11:23	08/29/16 00:00	1
PCB-1254	<0.00971		0.0323	0.00971	mg/Kg		08/24/16 11:23	08/29/16 00:00	1
PCB-1260	<0.00971		0.0323	0.00971	mg/Kg		08/24/16 11:23	08/29/16 00:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	94		20 - 150				08/24/16 11:23	08/29/16 00:00	1
Tetrachloro-m-xylene	78		19 - 147				08/24/16 11:23	08/29/16 00:00	1

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
 SDG: 4213-15-242 Phase II

**Client Sample ID: CL-157 Paint**

Date Collected: 08/19/16 10:00

Date Received: 08/20/16 09:30

**Lab Sample ID: 490-110197-15**

Matrix: Solid

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00983		0.0327	0.00983	mg/Kg		08/24/16 11:23	08/29/16 00:16	1
PCB-1221	<0.00983		0.0327	0.00983	mg/Kg		08/24/16 11:23	08/29/16 00:16	1
PCB-1232	<0.0197		0.0327	0.0197	mg/Kg		08/24/16 11:23	08/29/16 00:16	1
PCB-1242	<0.00983		0.0327	0.00983	mg/Kg		08/24/16 11:23	08/29/16 00:16	1
PCB-1248	<0.00983		0.0327	0.00983	mg/Kg		08/24/16 11:23	08/29/16 00:16	1
PCB-1254	<0.00983		0.0327	0.00983	mg/Kg		08/24/16 11:23	08/29/16 00:16	1
PCB-1260	<0.00983		0.0327	0.00983	mg/Kg		08/24/16 11:23	08/29/16 00:16	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	108		20 - 150				08/24/16 11:23	08/29/16 00:16	1
Tetrachloro-m-xylene	80		19 - 147				08/24/16 11:23	08/29/16 00:16	1

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
 SDG: 4213-15-242 Phase II

**Client Sample ID: CL-158 Paint**

**Lab Sample ID: 490-110197-16**

Date Collected: 08/19/16 10:00

Matrix: Solid

Date Received: 08/20/16 09:30

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0114		0.0378	0.0114	mg/Kg		08/24/16 11:23	08/29/16 00:31	1
PCB-1221	<0.0114		0.0378	0.0114	mg/Kg		08/24/16 11:23	08/29/16 00:31	1
PCB-1232	<0.0227		0.0378	0.0227	mg/Kg		08/24/16 11:23	08/29/16 00:31	1
PCB-1242	<0.0114		0.0378	0.0114	mg/Kg		08/24/16 11:23	08/29/16 00:31	1
PCB-1248	<0.0114		0.0378	0.0114	mg/Kg		08/24/16 11:23	08/29/16 00:31	1
<b>PCB-1254</b>	<b>1.20</b>		<b>0.189</b>	<b>0.0568</b>	mg/Kg		08/24/16 11:23	08/31/16 01:02	5
PCB-1260	<0.0114		0.0378	0.0114	mg/Kg		08/24/16 11:23	08/29/16 00:31	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	30		20 - 150				08/24/16 11:23	08/29/16 00:31	1
Tetrachloro-m-xylene	17	X	19 - 147				08/24/16 11:23	08/29/16 00:31	1

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
 SDG: 4213-15-242 Phase II

**Client Sample ID: CL-159 Paint**

**Lab Sample ID: 490-110197-17**

Date Collected: 08/19/16 10:00

Matrix: Solid

Date Received: 08/20/16 09:30

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0119		0.0396	0.0119	mg/Kg		08/24/16 11:23	08/29/16 00:47	1
PCB-1221	<0.0119		0.0396	0.0119	mg/Kg		08/24/16 11:23	08/29/16 00:47	1
PCB-1232	<0.0238		0.0396	0.0238	mg/Kg		08/24/16 11:23	08/29/16 00:47	1
PCB-1242	<0.0119		0.0396	0.0119	mg/Kg		08/24/16 11:23	08/29/16 00:47	1
PCB-1248	<0.0119		0.0396	0.0119	mg/Kg		08/24/16 11:23	08/29/16 00:47	1
PCB-1254	0.552		0.0396	0.0119	mg/Kg		08/24/16 11:23	08/29/16 00:47	1
PCB-1260	<0.0119		0.0396	0.0119	mg/Kg		08/24/16 11:23	08/29/16 00:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	20	p	20 - 150				08/24/16 11:23	08/29/16 00:47	1
Tetrachloro-m-xylene	12	X	19 - 147				08/24/16 11:23	08/29/16 00:47	1

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
 SDG: 4213-15-242 Phase II

**Client Sample ID: CL-160 Paint**

Date Collected: 08/19/16 10:00

Date Received: 08/20/16 09:30

**Lab Sample ID: 490-110197-18**

Matrix: Solid

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0142		0.0473	0.0142	mg/Kg		08/24/16 11:23	08/29/16 01:03	1
PCB-1221	<0.0142		0.0473	0.0142	mg/Kg		08/24/16 11:23	08/29/16 01:03	1
PCB-1232	<0.0284		0.0473	0.0284	mg/Kg		08/24/16 11:23	08/29/16 01:03	1
PCB-1242	<0.0142		0.0473	0.0142	mg/Kg		08/24/16 11:23	08/29/16 01:03	1
PCB-1248	<0.0142		0.0473	0.0142	mg/Kg		08/24/16 11:23	08/29/16 01:03	1
PCB-1254	1.05		0.0473	0.0142	mg/Kg		08/24/16 11:23	08/29/16 01:03	1
PCB-1260	<0.0142		0.0473	0.0142	mg/Kg		08/24/16 11:23	08/29/16 01:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	27	p	20 - 150				08/24/16 11:23	08/29/16 01:03	1
Tetrachloro-m-xylene	11	X	19 - 147				08/24/16 11:23	08/29/16 01:03	1

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## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
 SDG: 4213-15-242 Phase II

**Client Sample ID: CL-161 Paint**

Date Collected: 08/19/16 10:00

Date Received: 08/20/16 09:30

**Lab Sample ID: 490-110197-19**

Matrix: Solid

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0138		0.0461	0.0138	mg/Kg		08/24/16 11:23	08/29/16 01:18	1
PCB-1221	<0.0138		0.0461	0.0138	mg/Kg		08/24/16 11:23	08/29/16 01:18	1
PCB-1232	<0.0277		0.0461	0.0277	mg/Kg		08/24/16 11:23	08/29/16 01:18	1
PCB-1242	<0.0138		0.0461	0.0138	mg/Kg		08/24/16 11:23	08/29/16 01:18	1
PCB-1248	<0.0138		0.0461	0.0138	mg/Kg		08/24/16 11:23	08/29/16 01:18	1
PCB-1254	<0.0138		0.0461	0.0138	mg/Kg		08/24/16 11:23	08/29/16 01:18	1
PCB-1260	<0.0138		0.0461	0.0138	mg/Kg		08/24/16 11:23	08/29/16 01:18	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	22	p	20 - 150				08/24/16 11:23	08/29/16 01:18	1
Tetrachloro-m-xylene	22		19 - 147				08/24/16 11:23	08/29/16 01:18	1

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
 SDG: 4213-15-242 Phase II

**Client Sample ID: CL-162 Paint**

Date Collected: 08/19/16 10:00

Date Received: 08/20/16 09:30

**Lab Sample ID: 490-110197-20**

Matrix: Solid

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0126		0.0419	0.0126	mg/Kg		08/24/16 11:23	08/29/16 01:33	1
PCB-1221	<0.0126		0.0419	0.0126	mg/Kg		08/24/16 11:23	08/29/16 01:33	1
PCB-1232	<0.0252		0.0419	0.0252	mg/Kg		08/24/16 11:23	08/29/16 01:33	1
PCB-1242	<0.0126		0.0419	0.0126	mg/Kg		08/24/16 11:23	08/29/16 01:33	1
PCB-1248	<0.0126		0.0419	0.0126	mg/Kg		08/24/16 11:23	08/29/16 01:33	1
PCB-1254	1.33		0.209	0.0629	mg/Kg		08/24/16 11:23	08/31/16 01:18	5
PCB-1260	<0.0126		0.0419	0.0126	mg/Kg		08/24/16 11:23	08/29/16 01:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	35		20 - 150				08/24/16 11:23	08/29/16 01:33	1
Tetrachloro-m-xylene	16	X	19 - 147				08/24/16 11:23	08/29/16 01:33	1

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
 SDG: 4213-15-242 Phase II

**Client Sample ID: CL-163 Paint**

Date Collected: 08/18/16 10:00

Date Received: 08/20/16 09:30

**Lab Sample ID: 490-110197-21**

Matrix: Solid

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0131		0.0435	0.0131	mg/Kg		08/24/16 11:59	08/27/16 16:57	1
PCB-1221	<0.0131		0.0435	0.0131	mg/Kg		08/24/16 11:59	08/27/16 16:57	1
PCB-1232	<0.0261		0.0435	0.0261	mg/Kg		08/24/16 11:59	08/27/16 16:57	1
PCB-1242	<0.0131		0.0435	0.0131	mg/Kg		08/24/16 11:59	08/27/16 16:57	1
PCB-1248	<0.0131		0.0435	0.0131	mg/Kg		08/24/16 11:59	08/27/16 16:57	1
PCB-1254	0.0327	J p	0.0435	0.0131	mg/Kg		08/24/16 11:59	08/27/16 16:57	1
PCB-1260	<0.0131		0.0435	0.0131	mg/Kg		08/24/16 11:59	08/27/16 16:57	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	10	p X	20 - 150				08/24/16 11:59	08/27/16 16:57	1
Tetrachloro-m-xylene	6	X	19 - 147				08/24/16 11:59	08/27/16 16:57	1

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
 SDG: 4213-15-242 Phase II

**Client Sample ID: CL-164 Paint**

Date Collected: 08/18/16 10:00

Date Received: 08/20/16 09:30

**Lab Sample ID: 490-110197-22**

Matrix: Solid

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0128		0.0427	0.0128	mg/Kg		08/24/16 11:59	08/27/16 17:13	1
PCB-1221	<0.0128		0.0427	0.0128	mg/Kg		08/24/16 11:59	08/27/16 17:13	1
PCB-1232	<0.0257		0.0427	0.0257	mg/Kg		08/24/16 11:59	08/27/16 17:13	1
PCB-1242	<0.0128		0.0427	0.0128	mg/Kg		08/24/16 11:59	08/27/16 17:13	1
PCB-1248	<0.0128		0.0427	0.0128	mg/Kg		08/24/16 11:59	08/27/16 17:13	1
PCB-1254	0.0350	J p	0.0427	0.0128	mg/Kg		08/24/16 11:59	08/27/16 17:13	1
PCB-1260	<0.0128		0.0427	0.0128	mg/Kg		08/24/16 11:59	08/27/16 17:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	13	X	20 - 150	08/24/16 11:59	08/27/16 17:13	1
Tetrachloro-m-xylene	7	X	19 - 147	08/24/16 11:59	08/27/16 17:13	1

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## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
 SDG: 4213-15-242 Phase II

**Client Sample ID: CL-165 Paint**

**Lab Sample ID: 490-110197-23**

Date Collected: 08/18/16 10:00

Matrix: Solid

Date Received: 08/20/16 09:30

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0122		0.0406	0.0122	mg/Kg		08/24/16 11:59	08/27/16 17:28	1
PCB-1221	<0.0122		0.0406	0.0122	mg/Kg		08/24/16 11:59	08/27/16 17:28	1
PCB-1232	<0.0244		0.0406	0.0244	mg/Kg		08/24/16 11:59	08/27/16 17:28	1
PCB-1242	<0.0122		0.0406	0.0122	mg/Kg		08/24/16 11:59	08/27/16 17:28	1
PCB-1248	<0.0122		0.0406	0.0122	mg/Kg		08/24/16 11:59	08/27/16 17:28	1
PCB-1254	0.0287	J p	0.0406	0.0122	mg/Kg		08/24/16 11:59	08/27/16 17:28	1
PCB-1260	<0.0122		0.0406	0.0122	mg/Kg		08/24/16 11:59	08/27/16 17:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	17	X	20 - 150	08/24/16 11:59	08/27/16 17:28	1
Tetrachloro-m-xylene	8	X	19 - 147	08/24/16 11:59	08/27/16 17:28	1

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
 SDG: 4213-15-242 Phase II

**Client Sample ID: CL-166 Paint**

**Lab Sample ID: 490-110197-24**

Date Collected: 08/18/16 10:00

Matrix: Solid

Date Received: 08/20/16 09:30

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0113		0.0376	0.0113	mg/Kg		08/24/16 11:59	08/27/16 17:44	1
PCB-1221	<0.0113		0.0376	0.0113	mg/Kg		08/24/16 11:59	08/27/16 17:44	1
PCB-1232	<0.0226		0.0376	0.0226	mg/Kg		08/24/16 11:59	08/27/16 17:44	1
PCB-1242	<0.0113		0.0376	0.0113	mg/Kg		08/24/16 11:59	08/27/16 17:44	1
PCB-1248	<0.0113		0.0376	0.0113	mg/Kg		08/24/16 11:59	08/27/16 17:44	1
PCB-1254	0.0252	J p	0.0376	0.0113	mg/Kg		08/24/16 11:59	08/27/16 17:44	1
PCB-1260	<0.0113		0.0376	0.0113	mg/Kg		08/24/16 11:59	08/27/16 17:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	12	X	20 - 150				08/24/16 11:59	08/27/16 17:44	1
Tetrachloro-m-xylene	6	pX	19 - 147				08/24/16 11:59	08/27/16 17:44	1

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
 SDG: 4213-15-242 Phase II

**Client Sample ID: CL-167 Paint**

Date Collected: 08/18/16 10:00

Date Received: 08/20/16 09:30

**Lab Sample ID: 490-110197-25**

Matrix: Solid

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0154		0.0513	0.0154	mg/Kg		08/24/16 11:59	08/27/16 17:59	1
PCB-1221	<0.0154		0.0513	0.0154	mg/Kg		08/24/16 11:59	08/27/16 17:59	1
PCB-1232	<0.0308		0.0513	0.0308	mg/Kg		08/24/16 11:59	08/27/16 17:59	1
PCB-1242	<0.0154		0.0513	0.0154	mg/Kg		08/24/16 11:59	08/27/16 17:59	1
PCB-1248	<0.0154		0.0513	0.0154	mg/Kg		08/24/16 11:59	08/27/16 17:59	1
PCB-1254	0.0200	J p	0.0513	0.0154	mg/Kg		08/24/16 11:59	08/27/16 17:59	1
PCB-1260	<0.0154		0.0513	0.0154	mg/Kg		08/24/16 11:59	08/27/16 17:59	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	13	X	20 - 150				08/24/16 11:59	08/27/16 17:59	1
Tetrachloro-m-xylene	8	X	19 - 147				08/24/16 11:59	08/27/16 17:59	1

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
 SDG: 4213-15-242 Phase II

**Client Sample ID: CL-168 Paint**

**Lab Sample ID: 490-110197-26**

Date Collected: 08/18/16 10:00

Matrix: Solid

Date Received: 08/20/16 09:30

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0164		0.0546	0.0164	mg/Kg		08/24/16 11:59	08/27/16 18:15	1
PCB-1221	<0.0164		0.0546	0.0164	mg/Kg		08/24/16 11:59	08/27/16 18:15	1
PCB-1232	<0.0328		0.0546	0.0328	mg/Kg		08/24/16 11:59	08/27/16 18:15	1
PCB-1242	<0.0164		0.0546	0.0164	mg/Kg		08/24/16 11:59	08/27/16 18:15	1
PCB-1248	<0.0164		0.0546	0.0164	mg/Kg		08/24/16 11:59	08/27/16 18:15	1
PCB-1254	0.0322	J p	0.0546	0.0164	mg/Kg		08/24/16 11:59	08/27/16 18:15	1
PCB-1260	<0.0164		0.0546	0.0164	mg/Kg		08/24/16 11:59	08/27/16 18:15	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	13	X	20 - 150				08/24/16 11:59	08/27/16 18:15	1
Tetrachloro-m-xylene	8	X	19 - 147				08/24/16 11:59	08/27/16 18:15	1



## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
 SDG: 4213-15-242 Phase II

**Client Sample ID: CL-169 Paint**

Date Collected: 08/18/16 10:00  
 Date Received: 08/20/16 09:30

**Lab Sample ID: 490-110197-27**

Matrix: Solid

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0154		0.0513	0.0154	mg/Kg		08/24/16 11:59	08/27/16 18:31	1
PCB-1221	<0.0154		0.0513	0.0154	mg/Kg		08/24/16 11:59	08/27/16 18:31	1
PCB-1232	<0.0308		0.0513	0.0308	mg/Kg		08/24/16 11:59	08/27/16 18:31	1
PCB-1242	<0.0154		0.0513	0.0154	mg/Kg		08/24/16 11:59	08/27/16 18:31	1
PCB-1248	<0.0154		0.0513	0.0154	mg/Kg		08/24/16 11:59	08/27/16 18:31	1
PCB-1254	0.0177	J	0.0513	0.0154	mg/Kg		08/24/16 11:59	08/27/16 18:31	1
PCB-1260	<0.0154		0.0513	0.0154	mg/Kg		08/24/16 11:59	08/27/16 18:31	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	9	X	20 - 150				08/24/16 11:59	08/27/16 18:31	1
Tetrachloro-m-xylene	5	X	19 - 147				08/24/16 11:59	08/27/16 18:31	1

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
 SDG: 4213-15-242 Phase II

**Client Sample ID: CL-170 Paint**

Date Collected: 08/18/16 10:00  
 Date Received: 08/20/16 09:30

**Lab Sample ID: 490-110197-28**

Matrix: Solid

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0302		0.101	0.0302	mg/Kg		08/24/16 11:59	08/27/16 18:46	1
PCB-1221	<0.0302		0.101	0.0302	mg/Kg		08/24/16 11:59	08/27/16 18:46	1
PCB-1232	<0.0604		0.101	0.0604	mg/Kg		08/24/16 11:59	08/27/16 18:46	1
PCB-1242	<0.0302		0.101	0.0302	mg/Kg		08/24/16 11:59	08/27/16 18:46	1
PCB-1248	<0.0302		0.101	0.0302	mg/Kg		08/24/16 11:59	08/27/16 18:46	1
PCB-1254	0.0401	J p	0.101	0.0302	mg/Kg		08/24/16 11:59	08/27/16 18:46	1
PCB-1260	<0.0302		0.101	0.0302	mg/Kg		08/24/16 11:59	08/27/16 18:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	19	X	20 - 150				08/24/16 11:59	08/27/16 18:46	1
Tetrachloro-m-xylene	12	X	19 - 147				08/24/16 11:59	08/27/16 18:46	1

## Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
SDG: 4213-15-242 Phase II

**Client Sample ID: CL-171 Paint**

Date Collected: 08/18/16 10:00

Date Received: 08/20/16 09:30

**Lab Sample ID: 490-110197-29**

Matrix: Solid

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0222		0.0738	0.0222	mg/Kg		08/24/16 11:59	08/27/16 19:01	1
PCB-1221	<0.0222		0.0738	0.0222	mg/Kg		08/24/16 11:59	08/27/16 19:01	1
PCB-1232	<0.0443		0.0738	0.0443	mg/Kg		08/24/16 11:59	08/27/16 19:01	1
PCB-1242	<0.0222		0.0738	0.0222	mg/Kg		08/24/16 11:59	08/27/16 19:01	1
PCB-1248	<0.0222		0.0738	0.0222	mg/Kg		08/24/16 11:59	08/27/16 19:01	1
PCB-1254	0.0553	J p	0.0738	0.0222	mg/Kg		08/24/16 11:59	08/27/16 19:01	1
PCB-1260	<0.0222		0.0738	0.0222	mg/Kg		08/24/16 11:59	08/27/16 19:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	17	X	20 - 150				08/24/16 11:59	08/27/16 19:01	1
Tetrachloro-m-xylene	11	p X	19 - 147				08/24/16 11:59	08/27/16 19:01	1

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
 SDG: 4213-15-242 Phase II

**Client Sample ID: CL-172 Paint**

**Lab Sample ID: 490-110197-30**

Date Collected: 08/18/16 10:00

Matrix: Solid

Date Received: 08/20/16 09:30

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0142		0.0472	0.0142	mg/Kg		08/24/16 11:59	08/27/16 19:17	1
PCB-1221	<0.0142		0.0472	0.0142	mg/Kg		08/24/16 11:59	08/27/16 19:17	1
PCB-1232	<0.0283		0.0472	0.0283	mg/Kg		08/24/16 11:59	08/27/16 19:17	1
PCB-1242	<0.0142		0.0472	0.0142	mg/Kg		08/24/16 11:59	08/27/16 19:17	1
PCB-1248	<0.0142		0.0472	0.0142	mg/Kg		08/24/16 11:59	08/27/16 19:17	1
PCB-1254	0.0249	J p	0.0472	0.0142	mg/Kg		08/24/16 11:59	08/27/16 19:17	1
PCB-1260	<0.0142		0.0472	0.0142	mg/Kg		08/24/16 11:59	08/27/16 19:17	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	16	X	20 - 150				08/24/16 11:59	08/27/16 19:17	1
Tetrachloro-m-xylene	9	p.X	19 - 147				08/24/16 11:59	08/27/16 19:17	1

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
 SDG: 4213-15-242 Phase II

**Client Sample ID: CL-173 Cable Ins**

Date Collected: 08/18/16 10:00

Date Received: 08/20/16 09:30

**Lab Sample ID: 490-110197-31**

Matrix: Solid

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.133		0.442	0.133	mg/Kg		08/24/16 11:59	08/27/16 19:32	1
PCB-1221	<0.133		0.442	0.133	mg/Kg		08/24/16 11:59	08/27/16 19:32	1
PCB-1232	<0.265		0.442	0.265	mg/Kg		08/24/16 11:59	08/27/16 19:32	1
PCB-1242	<0.133		0.442	0.133	mg/Kg		08/24/16 11:59	08/27/16 19:32	1
PCB-1248	<0.133		0.442	0.133	mg/Kg		08/24/16 11:59	08/27/16 19:32	1
PCB-1254	22.5		2.21	0.664	mg/Kg		08/24/16 11:59	08/28/16 18:50	5
PCB-1260	<0.133		0.442	0.133	mg/Kg		08/24/16 11:59	08/27/16 19:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	79		20 - 150				08/24/16 11:59	08/27/16 19:32	1
Tetrachloro-m-xylene	47		19 - 147				08/24/16 11:59	08/27/16 19:32	1

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
 SDG: 4213-15-242 Phase II

**Client Sample ID: CL-174 Cable Ins**

**Lab Sample ID: 490-110197-32**

Date Collected: 08/18/16 10:00

Matrix: Solid

Date Received: 08/20/16 09:30

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<1.07		3.57	1.07	mg/Kg		08/24/16 11:59	08/27/16 19:48	1
PCB-1221	<1.07		3.57	1.07	mg/Kg		08/24/16 11:59	08/27/16 19:48	1
PCB-1232	<2.14		3.57	2.14	mg/Kg		08/24/16 11:59	08/27/16 19:48	1
PCB-1242	<1.07		3.57	1.07	mg/Kg		08/24/16 11:59	08/27/16 19:48	1
PCB-1248	<1.07		3.57	1.07	mg/Kg		08/24/16 11:59	08/27/16 19:48	1
PCB-1254	5.54		3.57	1.07	mg/Kg		08/24/16 11:59	08/27/16 19:48	1
PCB-1260	<1.07		3.57	1.07	mg/Kg		08/24/16 11:59	08/27/16 19:48	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	107		20 - 150				08/24/16 11:59	08/27/16 19:48	1
Tetrachloro-m-xylene	80		19 - 147				08/24/16 11:59	08/27/16 19:48	1

## Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
SDG: 4213-15-242 Phase II

**Client Sample ID: CL-175 Cable Ins**

**Lab Sample ID: 490-110197-33**

Date Collected: 08/18/16 10:00

Matrix: Solid

Date Received: 08/20/16 09:30

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0862		0.287	0.0862	mg/Kg		08/24/16 11:59	08/27/16 20:03	1
PCB-1221	<0.0862		0.287	0.0862	mg/Kg		08/24/16 11:59	08/27/16 20:03	1
PCB-1232	<0.172		0.287	0.172	mg/Kg		08/24/16 11:59	08/27/16 20:03	1
PCB-1242	<0.0862		0.287	0.0862	mg/Kg		08/24/16 11:59	08/27/16 20:03	1
PCB-1248	<0.0862		0.287	0.0862	mg/Kg		08/24/16 11:59	08/27/16 20:03	1
PCB-1254	<0.0862		0.287	0.0862	mg/Kg		08/24/16 11:59	08/27/16 20:03	1
PCB-1260	<0.0862		0.287	0.0862	mg/Kg		08/24/16 11:59	08/27/16 20:03	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	140	p	20 - 150				08/24/16 11:59	08/27/16 20:03	1
Tetrachloro-m-xylene	83		19 - 147				08/24/16 11:59	08/27/16 20:03	1

## Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
SDG: 4213-15-242 Phase II

**Client Sample ID: CL-176 Cable Ins**

**Lab Sample ID: 490-110197-34**

Date Collected: 08/18/16 10:00

Matrix: Solid

Date Received: 08/20/16 09:30

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.192		0.640	0.192	mg/Kg		08/24/16 11:59	08/27/16 20:19	1
PCB-1221	<0.192		0.640	0.192	mg/Kg		08/24/16 11:59	08/27/16 20:19	1
PCB-1232	<0.385		0.640	0.385	mg/Kg		08/24/16 11:59	08/27/16 20:19	1
PCB-1242	<0.192		0.640	0.192	mg/Kg		08/24/16 11:59	08/27/16 20:19	1
PCB-1248	<0.192		0.640	0.192	mg/Kg		08/24/16 11:59	08/27/16 20:19	1
PCB-1254	1.07	p	0.640	0.192	mg/Kg		08/24/16 11:59	08/27/16 20:19	1
PCB-1260	<0.192		0.640	0.192	mg/Kg		08/24/16 11:59	08/27/16 20:19	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	118		20 - 150				08/24/16 11:59	08/27/16 20:19	1
Tetrachloro-m-xylene	75		19 - 147				08/24/16 11:59	08/27/16 20:19	1



## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
 SDG: 4213-15-242 Phase II

**Client Sample ID: CL-177 Cable Ins**

Date Collected: 08/18/16 10:00

Date Received: 08/20/16 09:30

**Lab Sample ID: 490-110197-35**

Matrix: Solid

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.188		0.624	0.188	mg/Kg		08/24/16 11:59	08/27/16 20:35	1
PCB-1221	<0.188		0.624	0.188	mg/Kg		08/24/16 11:59	08/27/16 20:35	1
PCB-1232	<0.375		0.624	0.375	mg/Kg		08/24/16 11:59	08/27/16 20:35	1
PCB-1242	<0.188		0.624	0.188	mg/Kg		08/24/16 11:59	08/27/16 20:35	1
PCB-1248	<0.188		0.624	0.188	mg/Kg		08/24/16 11:59	08/27/16 20:35	1
PCB-1254	0.200	J	0.624	0.188	mg/Kg		08/24/16 11:59	08/27/16 20:35	1
PCB-1260	<0.188		0.624	0.188	mg/Kg		08/24/16 11:59	08/27/16 20:35	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	104		20 - 150				08/24/16 11:59	08/27/16 20:35	1
Tetrachloro-m-xylene	80		19 - 147				08/24/16 11:59	08/27/16 20:35	1

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
 SDG: 4213-15-242 Phase II

**Client Sample ID: CL-178 Cable Ins**

**Lab Sample ID: 490-110197-36**

Date Collected: 08/18/16 10:00

Matrix: Solid

Date Received: 08/20/16 09:30

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.297		0.989	0.297	mg/Kg		08/24/16 11:59	08/27/16 20:50	1
PCB-1221	<0.297		0.989	0.297	mg/Kg		08/24/16 11:59	08/27/16 20:50	1
PCB-1232	<0.594		0.989	0.594	mg/Kg		08/24/16 11:59	08/27/16 20:50	1
PCB-1242	<0.297		0.989	0.297	mg/Kg		08/24/16 11:59	08/27/16 20:50	1
PCB-1248	<0.297		0.989	0.297	mg/Kg		08/24/16 11:59	08/27/16 20:50	1
PCB-1254	0.302	J	0.989	0.297	mg/Kg		08/24/16 11:59	08/27/16 20:50	1
PCB-1260	<0.297		0.989	0.297	mg/Kg		08/24/16 11:59	08/27/16 20:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	128		20 - 150				08/24/16 11:59	08/27/16 20:50	1
Tetrachloro-m-xylene	77		19 - 147				08/24/16 11:59	08/27/16 20:50	1

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
 SDG: 4213-15-242 Phase II

**Client Sample ID: CL-179 Cable Ins**

**Lab Sample ID: 490-110197-37**

Date Collected: 08/18/16 10:00

Matrix: Solid

Date Received: 08/20/16 09:30

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.211		0.704	0.211	mg/Kg		08/24/16 11:59	08/28/16 19:06	1
PCB-1221	<0.211		0.704	0.211	mg/Kg		08/24/16 11:59	08/28/16 19:06	1
PCB-1232	<0.423		0.704	0.423	mg/Kg		08/24/16 11:59	08/28/16 19:06	1
PCB-1242	<0.211		0.704	0.211	mg/Kg		08/24/16 11:59	08/28/16 19:06	1
PCB-1248	<0.211		0.704	0.211	mg/Kg		08/24/16 11:59	08/28/16 19:06	1
PCB-1254	3.69		0.704	0.211	mg/Kg		08/24/16 11:59	08/28/16 19:06	1
PCB-1260	<0.211		0.704	0.211	mg/Kg		08/24/16 11:59	08/28/16 19:06	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	86		20 - 150				08/24/16 11:59	08/28/16 19:06	1
Tetrachloro-m-xylene	78		19 - 147				08/24/16 11:59	08/28/16 19:06	1

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
 SDG: 4213-15-242 Phase II

**Client Sample ID: CL-180 Cable Ins**

**Lab Sample ID: 490-110197-38**

Date Collected: 08/18/16 10:00

Matrix: Solid

Date Received: 08/20/16 09:30

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0345		0.115	0.0345	mg/Kg		08/24/16 11:59	08/28/16 19:21	1
PCB-1221	<0.0345		0.115	0.0345	mg/Kg		08/24/16 11:59	08/28/16 19:21	1
PCB-1232	<0.0690		0.115	0.0690	mg/Kg		08/24/16 11:59	08/28/16 19:21	1
PCB-1242	<0.0345		0.115	0.0345	mg/Kg		08/24/16 11:59	08/28/16 19:21	1
PCB-1248	<0.0345		0.115	0.0345	mg/Kg		08/24/16 11:59	08/28/16 19:21	1
PCB-1254	19.0		2.30	0.690	mg/Kg		08/24/16 11:59	08/31/16 00:31	20
PCB-1260	<0.0345		0.115	0.0345	mg/Kg		08/24/16 11:59	08/28/16 19:21	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	88		20 - 150				08/24/16 11:59	08/28/16 19:21	1
Tetrachloro-m-xylene	67		19 - 147				08/24/16 11:59	08/28/16 19:21	1

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
 SDG: 4213-15-242 Phase II

**Client Sample ID: CL-181 Cable Ins**

Date Collected: 08/18/16 10:00

Date Received: 08/20/16 09:30

**Lab Sample ID: 490-110197-39**

Matrix: Solid

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0485		0.162	0.0485	mg/Kg		08/24/16 11:59	08/28/16 19:37	1
PCB-1221	<0.0485		0.162	0.0485	mg/Kg		08/24/16 11:59	08/28/16 19:37	1
PCB-1232	<0.0971		0.162	0.0971	mg/Kg		08/24/16 11:59	08/28/16 19:37	1
PCB-1242	<0.0485		0.162	0.0485	mg/Kg		08/24/16 11:59	08/28/16 19:37	1
PCB-1248	<0.0485		0.162	0.0485	mg/Kg		08/24/16 11:59	08/28/16 19:37	1
PCB-1254	18.6		3.23	0.971	mg/Kg		08/24/16 11:59	08/31/16 00:47	20
PCB-1260	<0.0485		0.162	0.0485	mg/Kg		08/24/16 11:59	08/28/16 19:37	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	90		20 - 150				08/24/16 11:59	08/28/16 19:37	1
Tetrachloro-m-xylene	73		19 - 147				08/24/16 11:59	08/28/16 19:37	1

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
 SDG: 4213-15-242 Phase II

**Client Sample ID: CL-182 Cable Ins**

**Lab Sample ID: 490-110197-40**

Date Collected: 08/18/16 10:00

Matrix: Solid

Date Received: 08/20/16 09:30

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0458		0.153	0.0458	mg/Kg		08/24/16 11:59	08/28/16 19:52	1
PCB-1221	<0.0458		0.153	0.0458	mg/Kg		08/24/16 11:59	08/28/16 19:52	1
PCB-1232	<0.0916		0.153	0.0916	mg/Kg		08/24/16 11:59	08/28/16 19:52	1
PCB-1242	<0.0458		0.153	0.0458	mg/Kg		08/24/16 11:59	08/28/16 19:52	1
PCB-1248	<0.0458		0.153	0.0458	mg/Kg		08/24/16 11:59	08/28/16 19:52	1
PCB-1254	1.56		0.153	0.0458	mg/Kg		08/24/16 11:59	08/28/16 19:52	1
PCB-1260	<0.0458		0.153	0.0458	mg/Kg		08/24/16 11:59	08/28/16 19:52	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	21		20 - 150				08/24/16 11:59	08/28/16 19:52	1
Tetrachloro-m-xylene	19		19 - 147				08/24/16 11:59	08/28/16 19:52	1

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
 SDG: 4213-15-242 Phase II

**Client Sample ID: CL-183 Cable Ins**

**Lab Sample ID: 490-110197-41**

Date Collected: 08/18/16 10:00

Matrix: Solid

Date Received: 08/20/16 09:30

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0662		0.221	0.0662	mg/Kg		08/24/16 12:29	08/25/16 15:57	1
PCB-1221	<0.0662		0.221	0.0662	mg/Kg		08/24/16 12:29	08/25/16 15:57	1
PCB-1232	<0.132		0.221	0.132	mg/Kg		08/24/16 12:29	08/25/16 15:57	1
PCB-1242	<0.0662		0.221	0.0662	mg/Kg		08/24/16 12:29	08/25/16 15:57	1
PCB-1248	<0.0662		0.221	0.0662	mg/Kg		08/24/16 12:29	08/25/16 15:57	1
PCB-1254	<0.0662		0.221	0.0662	mg/Kg		08/24/16 12:29	08/25/16 15:57	1
PCB-1260	<0.0662		0.221	0.0662	mg/Kg		08/24/16 12:29	08/25/16 15:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	81		20 - 150				08/24/16 12:29	08/25/16 15:57	1
Tetrachloro-m-xylene	72		19 - 147				08/24/16 12:29	08/25/16 15:57	1

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
 SDG: 4213-15-242 Phase II

**Client Sample ID: CL-184 Cable Ins**

**Lab Sample ID: 490-110197-42**

Date Collected: 08/18/16 10:00

Matrix: Solid

Date Received: 08/20/16 09:30

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0416		0.139	0.0416	mg/Kg		08/24/16 12:29	08/25/16 16:13	1
PCB-1221	<0.0416		0.139	0.0416	mg/Kg		08/24/16 12:29	08/25/16 16:13	1
PCB-1232	<0.0832		0.139	0.0832	mg/Kg		08/24/16 12:29	08/25/16 16:13	1
PCB-1242	<0.0416		0.139	0.0416	mg/Kg		08/24/16 12:29	08/25/16 16:13	1
PCB-1248	<0.0416		0.139	0.0416	mg/Kg		08/24/16 12:29	08/25/16 16:13	1
PCB-1254	<0.0416		0.139	0.0416	mg/Kg		08/24/16 12:29	08/25/16 16:13	1
PCB-1260	<0.0416		0.139	0.0416	mg/Kg		08/24/16 12:29	08/25/16 16:13	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	78		20 - 150				08/24/16 12:29	08/25/16 16:13	1
Tetrachloro-m-xylene	60		19 - 147				08/24/16 12:29	08/25/16 16:13	1



## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
 SDG: 4213-15-242 Phase II

**Client Sample ID: CL-185 Cable Ins**

**Lab Sample ID: 490-110197-43**

Date Collected: 08/18/16 10:00

Matrix: Solid

Date Received: 08/20/16 09:30

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0340		0.113	0.0340	mg/Kg		08/24/16 12:29	08/25/16 16:28	1
PCB-1221	<0.0340		0.113	0.0340	mg/Kg		08/24/16 12:29	08/25/16 16:28	1
PCB-1232	<0.0680		0.113	0.0680	mg/Kg		08/24/16 12:29	08/25/16 16:28	1
PCB-1242	<0.0340		0.113	0.0340	mg/Kg		08/24/16 12:29	08/25/16 16:28	1
PCB-1248	<0.0340		0.113	0.0340	mg/Kg		08/24/16 12:29	08/25/16 16:28	1
PCB-1254	<0.0340		0.113	0.0340	mg/Kg		08/24/16 12:29	08/25/16 16:28	1
PCB-1260	<0.0340		0.113	0.0340	mg/Kg		08/24/16 12:29	08/25/16 16:28	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	85		20 - 150				08/24/16 12:29	08/25/16 16:28	1
Tetrachloro-m-xylene	67		19 - 147				08/24/16 12:29	08/25/16 16:28	1

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
 SDG: 4213-15-242 Phase II

**Client Sample ID: CL-186 Cable Ins**

**Lab Sample ID: 490-110197-44**

Date Collected: 08/18/16 10:00

Matrix: Solid

Date Received: 08/20/16 09:30

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0456		0.152	0.0456	mg/Kg		08/24/16 12:29	08/25/16 16:44	1
PCB-1221	<0.0456		0.152	0.0456	mg/Kg		08/24/16 12:29	08/25/16 16:44	1
PCB-1232	<0.0912		0.152	0.0912	mg/Kg		08/24/16 12:29	08/25/16 16:44	1
PCB-1242	<0.0456		0.152	0.0456	mg/Kg		08/24/16 12:29	08/25/16 16:44	1
PCB-1248	<0.0456		0.152	0.0456	mg/Kg		08/24/16 12:29	08/25/16 16:44	1
PCB-1254	<0.0456		0.152	0.0456	mg/Kg		08/24/16 12:29	08/25/16 16:44	1
PCB-1260	<0.0456		0.152	0.0456	mg/Kg		08/24/16 12:29	08/25/16 16:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	105		20 - 150				08/24/16 12:29	08/25/16 16:44	1
Tetrachloro-m-xylene	74		19 - 147				08/24/16 12:29	08/25/16 16:44	1

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
 SDG: 4213-15-242 Phase II

**Client Sample ID: CL-187 Cable Ins**

**Lab Sample ID: 490-110197-45**

Date Collected: 08/18/16 10:00

Matrix: Solid

Date Received: 08/20/16 09:30

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0351		0.117	0.0351	mg/Kg		08/24/16 12:29	08/25/16 17:00	1
PCB-1221	<0.0351		0.117	0.0351	mg/Kg		08/24/16 12:29	08/25/16 17:00	1
PCB-1232	<0.0703		0.117	0.0703	mg/Kg		08/24/16 12:29	08/25/16 17:00	1
PCB-1242	<0.0351		0.117	0.0351	mg/Kg		08/24/16 12:29	08/25/16 17:00	1
PCB-1248	<0.0351		0.117	0.0351	mg/Kg		08/24/16 12:29	08/25/16 17:00	1
PCB-1254	<0.0351		0.117	0.0351	mg/Kg		08/24/16 12:29	08/25/16 17:00	1
PCB-1260	<0.0351		0.117	0.0351	mg/Kg		08/24/16 12:29	08/25/16 17:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	109		20 - 150				08/24/16 12:29	08/25/16 17:00	1
Tetrachloro-m-xylene	77		19 - 147				08/24/16 12:29	08/25/16 17:00	1

## QC Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
SDG: 4213-15-242 Phase II

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 490-365129/1-A  
Matrix: Solid  
Analysis Batch: 366094

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 365129

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	<0.0100		0.0333	0.0100	mg/Kg		08/24/16 11:23	08/28/16 20:08	1
PCB-1221	<0.0100		0.0333	0.0100	mg/Kg		08/24/16 11:23	08/28/16 20:08	1
PCB-1232	<0.0200		0.0333	0.0200	mg/Kg		08/24/16 11:23	08/28/16 20:08	1
PCB-1242	<0.0100		0.0333	0.0100	mg/Kg		08/24/16 11:23	08/28/16 20:08	1
PCB-1248	<0.0100		0.0333	0.0100	mg/Kg		08/24/16 11:23	08/28/16 20:08	1
PCB-1254	<0.0100		0.0333	0.0100	mg/Kg		08/24/16 11:23	08/28/16 20:08	1
PCB-1260	<0.0100		0.0333	0.0100	mg/Kg		08/24/16 11:23	08/28/16 20:08	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl (Surr)	106		20 - 150	08/24/16 11:23	08/28/16 20:08	1
Tetrachloro-m-xylene	94		19 - 147	08/24/16 11:23	08/28/16 20:08	1

Lab Sample ID: LCS 490-365129/2-A  
Matrix: Solid  
Analysis Batch: 366094

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 365129

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
PCB-1016	0.167	0.1344		mg/Kg		81	60 - 137
PCB-1260	0.167	0.1389		mg/Kg		83	56 - 141

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl (Surr)	90		20 - 150
Tetrachloro-m-xylene	78		19 - 147

Lab Sample ID: MB 490-365140/1-A  
Matrix: Solid  
Analysis Batch: 365946

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 365140

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	<0.0100		0.0333	0.0100	mg/Kg		08/24/16 11:59	08/27/16 16:26	1
PCB-1221	<0.0100		0.0333	0.0100	mg/Kg		08/24/16 11:59	08/27/16 16:26	1
PCB-1232	<0.0200		0.0333	0.0200	mg/Kg		08/24/16 11:59	08/27/16 16:26	1
PCB-1242	<0.0100		0.0333	0.0100	mg/Kg		08/24/16 11:59	08/27/16 16:26	1
PCB-1248	<0.0100		0.0333	0.0100	mg/Kg		08/24/16 11:59	08/27/16 16:26	1
PCB-1254	<0.0100		0.0333	0.0100	mg/Kg		08/24/16 11:59	08/27/16 16:26	1
PCB-1260	<0.0100		0.0333	0.0100	mg/Kg		08/24/16 11:59	08/27/16 16:26	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl (Surr)	117		20 - 150	08/24/16 11:59	08/27/16 16:26	1
Tetrachloro-m-xylene	94		19 - 147	08/24/16 11:59	08/27/16 16:26	1

Lab Sample ID: LCS 490-365140/2-A  
Matrix: Solid  
Analysis Batch: 365946

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 365140

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
PCB-1016	0.167	0.1701		mg/Kg		102	60 - 137

TestAmerica Nashville

## QC Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
SDG: 4213-15-242 Phase II

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 490-365140/2-A  
Matrix: Solid  
Analysis Batch: 365946

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 365140

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1260	0.167	0.2042		mg/Kg		123	56 - 141

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	122		20 - 150
Tetrachloro-m-xylene	96		19 - 147

Lab Sample ID: MB 490-365155/1-A  
Matrix: Solid  
Analysis Batch: 365380

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 365155

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0100		0.0333	0.0100	mg/Kg		08/24/16 12:29	08/25/16 15:26	1
PCB-1221	<0.0100		0.0333	0.0100	mg/Kg		08/24/16 12:29	08/25/16 15:26	1
PCB-1232	<0.0200		0.0333	0.0200	mg/Kg		08/24/16 12:29	08/25/16 15:26	1
PCB-1242	<0.0100		0.0333	0.0100	mg/Kg		08/24/16 12:29	08/25/16 15:26	1
PCB-1248	<0.0100		0.0333	0.0100	mg/Kg		08/24/16 12:29	08/25/16 15:26	1
PCB-1254	<0.0100		0.0333	0.0100	mg/Kg		08/24/16 12:29	08/25/16 15:26	1
PCB-1260	<0.0100		0.0333	0.0100	mg/Kg		08/24/16 12:29	08/25/16 15:26	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	97		20 - 150	08/24/16 12:29	08/25/16 15:26	1
Tetrachloro-m-xylene	85		19 - 147	08/24/16 12:29	08/25/16 15:26	1

Lab Sample ID: LCS 490-365155/2-A  
Matrix: Solid  
Analysis Batch: 365380

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 365155

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	0.167	0.1513		mg/Kg		91	60 - 137
PCB-1260	0.167	0.1615		mg/Kg		97	56 - 141

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	101		20 - 150
Tetrachloro-m-xylene	84		19 - 147

## QC Association Summary

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
SDG: 4213-15-242 Phase II

### GC Semi VOA

#### Prep Batch: 365129

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-110197-1	CL-143 Paint	Total/NA	Paint Chip	3550C	
490-110197-2	CL-144 Paint	Total/NA	Solid	3550C	
490-110197-3	CL-145 Paint	Total/NA	Solid	3550C	
490-110197-4	CL-146 Paint	Total/NA	Solid	3550C	
490-110197-5	CL-147 Paint	Total/NA	Solid	3550C	
490-110197-6	CL-148 Paint	Total/NA	Solid	3550C	
490-110197-7	CL-149 Paint	Total/NA	Solid	3550C	
490-110197-8	CL-150 Paint	Total/NA	Solid	3550C	
490-110197-9	CL-151 Paint	Total/NA	Solid	3550C	
490-110197-10	CL-152 Paint	Total/NA	Solid	3550C	
490-110197-11	CL-153 Paint	Total/NA	Solid	3550C	
490-110197-12	CL-154 Paint	Total/NA	Solid	3550C	
490-110197-13	CL-155 Paint	Total/NA	Solid	3550C	
490-110197-14	CL-156 Paint	Total/NA	Solid	3550C	
490-110197-15	CL-157 Paint	Total/NA	Solid	3550C	
490-110197-16	CL-158 Paint	Total/NA	Solid	3550C	
490-110197-17	CL-159 Paint	Total/NA	Solid	3550C	
490-110197-18	CL-160 Paint	Total/NA	Solid	3550C	
490-110197-19	CL-161 Paint	Total/NA	Solid	3550C	
490-110197-20	CL-162 Paint	Total/NA	Solid	3550C	
MB 490-365129/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 490-365129/2-A	Lab Control Sample	Total/NA	Solid	3550C	

#### Prep Batch: 365140

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-110197-21	CL-163 Paint	Total/NA	Solid	3550C	
490-110197-22	CL-164 Paint	Total/NA	Solid	3550C	
490-110197-23	CL-165 Paint	Total/NA	Solid	3550C	
490-110197-24	CL-166 Paint	Total/NA	Solid	3550C	
490-110197-25	CL-167 Paint	Total/NA	Solid	3550C	
490-110197-26	CL-168 Paint	Total/NA	Solid	3550C	
490-110197-27	CL-169 Paint	Total/NA	Solid	3550C	
490-110197-28	CL-170 Paint	Total/NA	Solid	3550C	
490-110197-29	CL-171 Paint	Total/NA	Solid	3550C	
490-110197-30	CL-172 Paint	Total/NA	Solid	3550C	
490-110197-31	CL-173 Cable Ins	Total/NA	Solid	3550C	
490-110197-32	CL-174 Cable Ins	Total/NA	Solid	3550C	
490-110197-33	CL-175 Cable Ins	Total/NA	Solid	3550C	
490-110197-34	CL-176 Cable Ins	Total/NA	Solid	3550C	
490-110197-35	CL-177 Cable Ins	Total/NA	Solid	3550C	
490-110197-36	CL-178 Cable Ins	Total/NA	Solid	3550C	
490-110197-37	CL-179 Cable Ins	Total/NA	Solid	3550C	
490-110197-38	CL-180 Cable Ins	Total/NA	Solid	3550C	
490-110197-39	CL-181 Cable Ins	Total/NA	Solid	3550C	
490-110197-40	CL-182 Cable Ins	Total/NA	Solid	3550C	
MB 490-365140/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 490-365140/2-A	Lab Control Sample	Total/NA	Solid	3550C	

#### Prep Batch: 365155

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-110197-41	CL-183 Cable Ins	Total/NA	Solid	3550C	

TestAmerica Nashville

## QC Association Summary

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
SDG: 4213-15-242 Phase II

### GC Semi VOA (Continued)

#### Prep Batch: 365155 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-110197-42	CL-184 Cable Ins	Total/NA	Solid	3550C	
490-110197-43	CL-185 Cable Ins	Total/NA	Solid	3550C	
490-110197-44	CL-186 Cable Ins	Total/NA	Solid	3550C	
490-110197-45	CL-187 Cable Ins	Total/NA	Solid	3550C	
MB 490-365155/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 490-365155/2-A	Lab Control Sample	Total/NA	Solid	3550C	

#### Analysis Batch: 365380

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-110197-41	CL-183 Cable Ins	Total/NA	Solid	8082A	365155
490-110197-42	CL-184 Cable Ins	Total/NA	Solid	8082A	365155
490-110197-43	CL-185 Cable Ins	Total/NA	Solid	8082A	365155
490-110197-44	CL-186 Cable Ins	Total/NA	Solid	8082A	365155
490-110197-45	CL-187 Cable Ins	Total/NA	Solid	8082A	365155
MB 490-365155/1-A	Method Blank	Total/NA	Solid	8082A	365155
LCS 490-365155/2-A	Lab Control Sample	Total/NA	Solid	8082A	365155

#### Analysis Batch: 365946

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-110197-21	CL-163 Paint	Total/NA	Solid	8082A	365140
490-110197-22	CL-164 Paint	Total/NA	Solid	8082A	365140
490-110197-23	CL-165 Paint	Total/NA	Solid	8082A	365140
490-110197-24	CL-166 Paint	Total/NA	Solid	8082A	365140
490-110197-25	CL-167 Paint	Total/NA	Solid	8082A	365140
490-110197-26	CL-168 Paint	Total/NA	Solid	8082A	365140
490-110197-27	CL-169 Paint	Total/NA	Solid	8082A	365140
490-110197-28	CL-170 Paint	Total/NA	Solid	8082A	365140
490-110197-29	CL-171 Paint	Total/NA	Solid	8082A	365140
490-110197-30	CL-172 Paint	Total/NA	Solid	8082A	365140
490-110197-31	CL-173 Cable Ins	Total/NA	Solid	8082A	365140
490-110197-32	CL-174 Cable Ins	Total/NA	Solid	8082A	365140
490-110197-33	CL-175 Cable Ins	Total/NA	Solid	8082A	365140
490-110197-34	CL-176 Cable Ins	Total/NA	Solid	8082A	365140
490-110197-35	CL-177 Cable Ins	Total/NA	Solid	8082A	365140
490-110197-36	CL-178 Cable Ins	Total/NA	Solid	8082A	365140
MB 490-365140/1-A	Method Blank	Total/NA	Solid	8082A	365140
LCS 490-365140/2-A	Lab Control Sample	Total/NA	Solid	8082A	365140

#### Analysis Batch: 366094

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-110197-1	CL-143 Paint	Total/NA	Paint Chip	8082A	365129
490-110197-2	CL-144 Paint	Total/NA	Solid	8082A	365129
490-110197-3	CL-145 Paint	Total/NA	Solid	8082A	365129
490-110197-4	CL-146 Paint	Total/NA	Solid	8082A	365129
490-110197-5	CL-147 Paint	Total/NA	Solid	8082A	365129
490-110197-6	CL-148 Paint	Total/NA	Solid	8082A	365129
490-110197-7	CL-149 Paint	Total/NA	Solid	8082A	365129
490-110197-8	CL-150 Paint	Total/NA	Solid	8082A	365129
490-110197-9	CL-151 Paint	Total/NA	Solid	8082A	365129
490-110197-10	CL-152 Paint	Total/NA	Solid	8082A	365129
490-110197-11	CL-153 Paint	Total/NA	Solid	8082A	365129

TestAmerica Nashville

## QC Association Summary

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
SDG: 4213-15-242 Phase II

### GC Semi VOA (Continued)

#### Analysis Batch: 366094 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-110197-12	CL-154 Paint	Total/NA	Solid	8082A	365129
490-110197-13	CL-155 Paint	Total/NA	Solid	8082A	365129
490-110197-14	CL-156 Paint	Total/NA	Solid	8082A	365129
490-110197-15	CL-157 Paint	Total/NA	Solid	8082A	365129
490-110197-16	CL-158 Paint	Total/NA	Solid	8082A	365129
490-110197-17	CL-159 Paint	Total/NA	Solid	8082A	365129
490-110197-18	CL-160 Paint	Total/NA	Solid	8082A	365129
490-110197-19	CL-161 Paint	Total/NA	Solid	8082A	365129
490-110197-20	CL-162 Paint	Total/NA	Solid	8082A	365129
490-110197-31	CL-173 Cable Ins	Total/NA	Solid	8082A	365140
490-110197-37	CL-179 Cable Ins	Total/NA	Solid	8082A	365140
490-110197-38	CL-180 Cable Ins	Total/NA	Solid	8082A	365140
490-110197-39	CL-181 Cable Ins	Total/NA	Solid	8082A	365140
490-110197-40	CL-182 Cable Ins	Total/NA	Solid	8082A	365140
MB 490-365129/1-A	Method Blank	Total/NA	Solid	8082A	365129
LCS 490-365129/2-A	Lab Control Sample	Total/NA	Solid	8082A	365129

#### Analysis Batch: 366675

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-110197-16	CL-158 Paint	Total/NA	Solid	8082A	365129
490-110197-20	CL-162 Paint	Total/NA	Solid	8082A	365129
490-110197-38	CL-180 Cable Ins	Total/NA	Solid	8082A	365140
490-110197-39	CL-181 Cable Ins	Total/NA	Solid	8082A	365140

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# Lab Chronicle

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
SDG: 4213-15-242 Phase II

## Client Sample ID: CL-143 Paint

Date Collected: 08/19/16 10:00  
Date Received: 08/20/16 09:30

Lab Sample ID: 490-110197-1  
Matrix: Paint Chip

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.77 g	10 mL	365129	08/24/16 11:23	MNM	TAL NSH
Total/NA	Analysis	8082A		1			366094	08/28/16 20:39	MGH	TAL NSH

## Client Sample ID: CL-144 Paint

Date Collected: 08/19/16 10:00  
Date Received: 08/20/16 09:30

Lab Sample ID: 490-110197-2  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.36 g	10 mL	365129	08/24/16 11:23	MNM	TAL NSH
Total/NA	Analysis	8082A		1			366094	08/28/16 20:54	MGH	TAL NSH

## Client Sample ID: CL-145 Paint

Date Collected: 08/19/16 10:00  
Date Received: 08/20/16 09:30

Lab Sample ID: 490-110197-3  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.57 g	10 mL	365129	08/24/16 11:23	MNM	TAL NSH
Total/NA	Analysis	8082A		1			366094	08/28/16 21:10	MGH	TAL NSH

## Client Sample ID: CL-146 Paint

Date Collected: 08/19/16 10:00  
Date Received: 08/20/16 09:30

Lab Sample ID: 490-110197-4  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.68 g	10 mL	365129	08/24/16 11:23	MNM	TAL NSH
Total/NA	Analysis	8082A		1			366094	08/28/16 21:25	MGH	TAL NSH

## Client Sample ID: CL-147 Paint

Date Collected: 08/19/16 10:00  
Date Received: 08/20/16 09:30

Lab Sample ID: 490-110197-5  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.22 g	10 mL	365129	08/24/16 11:23	MNM	TAL NSH
Total/NA	Analysis	8082A		1			366094	08/28/16 21:41	MGH	TAL NSH

## Client Sample ID: CL-148 Paint

Date Collected: 08/19/16 10:00  
Date Received: 08/20/16 09:30

Lab Sample ID: 490-110197-6  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.41 g	10 mL	365129	08/24/16 11:23	MNM	TAL NSH
Total/NA	Analysis	8082A		1			366094	08/28/16 21:57	MGH	TAL NSH

TestAmerica Nashville

# Lab Chronicle

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
SDG: 4213-15-242 Phase II

## Client Sample ID: CL-149 Paint

Date Collected: 08/19/16 10:00  
Date Received: 08/20/16 09:30

## Lab Sample ID: 490-110197-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.38 g	10 mL	365129	08/24/16 11:23	MNM	TAL NSH
Total/NA	Analysis	8082A		1			366094	08/28/16 22:12	MGH	TAL NSH

## Client Sample ID: CL-150 Paint

Date Collected: 08/19/16 10:00  
Date Received: 08/20/16 09:30

## Lab Sample ID: 490-110197-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.21 g	10 mL	365129	08/24/16 11:23	MNM	TAL NSH
Total/NA	Analysis	8082A		1			366094	08/28/16 22:28	MGH	TAL NSH

## Client Sample ID: CL-151 Paint

Date Collected: 08/19/16 10:00  
Date Received: 08/20/16 09:30

## Lab Sample ID: 490-110197-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.09 g	10 mL	365129	08/24/16 11:23	MNM	TAL NSH
Total/NA	Analysis	8082A		1			366094	08/28/16 22:43	MGH	TAL NSH

## Client Sample ID: CL-152 Paint

Date Collected: 08/19/16 10:00  
Date Received: 08/20/16 09:30

## Lab Sample ID: 490-110197-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.16 g	10 mL	365129	08/24/16 11:23	MNM	TAL NSH
Total/NA	Analysis	8082A		1			366094	08/28/16 22:59	MGH	TAL NSH

## Client Sample ID: CL-153 Paint

Date Collected: 08/19/16 10:00  
Date Received: 08/20/16 09:30

## Lab Sample ID: 490-110197-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.37 g	10 mL	365129	08/24/16 11:23	MNM	TAL NSH
Total/NA	Analysis	8082A		1			366094	08/28/16 23:14	MGH	TAL NSH

## Client Sample ID: CL-154 Paint

Date Collected: 08/19/16 10:00  
Date Received: 08/20/16 09:30

## Lab Sample ID: 490-110197-12

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.45 g	10 mL	365129	08/24/16 11:23	MNM	TAL NSH
Total/NA	Analysis	8082A		1			366094	08/28/16 23:29	MGH	TAL NSH

TestAmerica Nashville

# Lab Chronicle

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
SDG: 4213-15-242 Phase II

## Client Sample ID: CL-155 Paint

Date Collected: 08/19/16 10:00  
Date Received: 08/20/16 09:30

## Lab Sample ID: 490-110197-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.67 g	10 mL	365129	08/24/16 11:23	MNM	TAL NSH
Total/NA	Analysis	8082A		1			366094	08/28/16 23:45	MGH	TAL NSH

## Client Sample ID: CL-156 Paint

Date Collected: 08/19/16 10:00  
Date Received: 08/20/16 09:30

## Lab Sample ID: 490-110197-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.91 g	10 mL	365129	08/24/16 11:23	MNM	TAL NSH
Total/NA	Analysis	8082A		1			366094	08/29/16 00:00	MGH	TAL NSH

## Client Sample ID: CL-157 Paint

Date Collected: 08/19/16 10:00  
Date Received: 08/20/16 09:30

## Lab Sample ID: 490-110197-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.52 g	10 mL	365129	08/24/16 11:23	MNM	TAL NSH
Total/NA	Analysis	8082A		1			366094	08/29/16 00:16	MGH	TAL NSH

## Client Sample ID: CL-158 Paint

Date Collected: 08/19/16 10:00  
Date Received: 08/20/16 09:30

## Lab Sample ID: 490-110197-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			26.42 g	10 mL	365129	08/24/16 11:23	MNM	TAL NSH
Total/NA	Analysis	8082A		1			366094	08/29/16 00:31	MGH	TAL NSH
Total/NA	Prep	3550C			26.42 g	10 mL	365129	08/24/16 11:23	MNM	TAL NSH
Total/NA	Analysis	8082A		5			366675	08/31/16 01:02	MGH	TAL NSH

## Client Sample ID: CL-159 Paint

Date Collected: 08/19/16 10:00  
Date Received: 08/20/16 09:30

## Lab Sample ID: 490-110197-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			25.21 g	10 mL	365129	08/24/16 11:23	MNM	TAL NSH
Total/NA	Analysis	8082A		1			366094	08/29/16 00:47	MGH	TAL NSH

## Client Sample ID: CL-160 Paint

Date Collected: 08/19/16 10:00  
Date Received: 08/20/16 09:30

## Lab Sample ID: 490-110197-18

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			21.14 g	10 mL	365129	08/24/16 11:23	MNM	TAL NSH

TestAmerica Nashville

# Lab Chronicle

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
SDG: 4213-15-242 Phase II

## Client Sample ID: CL-160 Paint

Date Collected: 08/19/16 10:00  
Date Received: 08/20/16 09:30

## Lab Sample ID: 490-110197-18

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8082A		1			366094	08/29/16 01:03	MGH	TAL NSH

## Client Sample ID: CL-161 Paint

Date Collected: 08/19/16 10:00  
Date Received: 08/20/16 09:30

## Lab Sample ID: 490-110197-19

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			21.68 g	10 mL	365129	08/24/16 11:23	MNM	TAL NSH
Total/NA	Analysis	8082A		1			366094	08/29/16 01:18	MGH	TAL NSH

## Client Sample ID: CL-162 Paint

Date Collected: 08/19/16 10:00  
Date Received: 08/20/16 09:30

## Lab Sample ID: 490-110197-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			23.85 g	10 mL	365129	08/24/16 11:23	MNM	TAL NSH
Total/NA	Analysis	8082A		1			366094	08/29/16 01:33	MGH	TAL NSH
Total/NA	Prep	3550C			23.85 g	10 mL	365129	08/24/16 11:23	MNM	TAL NSH
Total/NA	Analysis	8082A		5			366675	08/31/16 01:18	MGH	TAL NSH

## Client Sample ID: CL-163 Paint

Date Collected: 08/18/16 10:00  
Date Received: 08/20/16 09:30

## Lab Sample ID: 490-110197-21

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			22.96 g	10 mL	365140	08/24/16 11:59	MNM	TAL NSH
Total/NA	Analysis	8082A		1			365946	08/27/16 16:57	MGH	TAL NSH

## Client Sample ID: CL-164 Paint

Date Collected: 08/18/16 10:00  
Date Received: 08/20/16 09:30

## Lab Sample ID: 490-110197-22

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			23.39 g	10 mL	365140	08/24/16 11:59	MNM	TAL NSH
Total/NA	Analysis	8082A		1			365946	08/27/16 17:13	MGH	TAL NSH

## Client Sample ID: CL-165 Paint

Date Collected: 08/18/16 10:00  
Date Received: 08/20/16 09:30

## Lab Sample ID: 490-110197-23

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			24.62 g	10 mL	365140	08/24/16 11:59	MNM	TAL NSH
Total/NA	Analysis	8082A		1			365946	08/27/16 17:28	MGH	TAL NSH

TestAmerica Nashville

# Lab Chronicle

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
SDG: 4213-15-242 Phase II

## Client Sample ID: CL-166 Paint

Date Collected: 08/18/16 10:00  
Date Received: 08/20/16 09:30

## Lab Sample ID: 490-110197-24

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			26.57 g	10 mL	365140	08/24/16 11:59	MNM	TAL NSH
Total/NA	Analysis	8082A		1			365946	08/27/16 17:44	MGH	TAL NSH

## Client Sample ID: CL-167 Paint

Date Collected: 08/18/16 10:00  
Date Received: 08/20/16 09:30

## Lab Sample ID: 490-110197-25

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			19.46 g	10 mL	365140	08/24/16 11:59	MNM	TAL NSH
Total/NA	Analysis	8082A		1			365946	08/27/16 17:59	MGH	TAL NSH

## Client Sample ID: CL-168 Paint

Date Collected: 08/18/16 10:00  
Date Received: 08/20/16 09:30

## Lab Sample ID: 490-110197-26

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			18.30 g	10 mL	365140	08/24/16 11:59	MNM	TAL NSH
Total/NA	Analysis	8082A		1			365946	08/27/16 18:15	MGH	TAL NSH

## Client Sample ID: CL-169 Paint

Date Collected: 08/18/16 10:00  
Date Received: 08/20/16 09:30

## Lab Sample ID: 490-110197-27

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			19.47 g	10 mL	365140	08/24/16 11:59	MNM	TAL NSH
Total/NA	Analysis	8082A		1			365946	08/27/16 18:31	MGH	TAL NSH

## Client Sample ID: CL-170 Paint

Date Collected: 08/18/16 10:00  
Date Received: 08/20/16 09:30

## Lab Sample ID: 490-110197-28

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			9.93 g	10 mL	365140	08/24/16 11:59	MNM	TAL NSH
Total/NA	Analysis	8082A		1			365946	08/27/16 18:46	MGH	TAL NSH

## Client Sample ID: CL-171 Paint

Date Collected: 08/18/16 10:00  
Date Received: 08/20/16 09:30

## Lab Sample ID: 490-110197-29

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			13.54 g	10 mL	365140	08/24/16 11:59	MNM	TAL NSH
Total/NA	Analysis	8082A		1			365946	08/27/16 19:01	MGH	TAL NSH

TestAmerica Nashville

# Lab Chronicle

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
SDG: 4213-15-242 Phase II

## Client Sample ID: CL-172 Paint

Date Collected: 08/18/16 10:00  
Date Received: 08/20/16 09:30

## Lab Sample ID: 490-110197-30

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			21.18 g	10 mL	365140	08/24/16 11:59	MNM	TAL NSH
Total/NA	Analysis	8082A		1			365946	08/27/16 19:17	MGH	TAL NSH

## Client Sample ID: CL-173 Cable Ins

Date Collected: 08/18/16 10:00  
Date Received: 08/20/16 09:30

## Lab Sample ID: 490-110197-31

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			2.26 g	10 mL	365140	08/24/16 11:59	MNM	TAL NSH
Total/NA	Analysis	8082A		1			365946	08/27/16 19:32	MGH	TAL NSH
Total/NA	Prep	3550C			2.26 g	10 mL	365140	08/24/16 11:59	MNM	TAL NSH
Total/NA	Analysis	8082A		5			366094	08/28/16 18:50	MGH	TAL NSH

## Client Sample ID: CL-174 Cable Ins

Date Collected: 08/18/16 10:00  
Date Received: 08/20/16 09:30

## Lab Sample ID: 490-110197-32

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			0.28 g	10 mL	365140	08/24/16 11:59	MNM	TAL NSH
Total/NA	Analysis	8082A		1			365946	08/27/16 19:48	MGH	TAL NSH

## Client Sample ID: CL-175 Cable Ins

Date Collected: 08/18/16 10:00  
Date Received: 08/20/16 09:30

## Lab Sample ID: 490-110197-33

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			3.48 g	10 mL	365140	08/24/16 11:59	MNM	TAL NSH
Total/NA	Analysis	8082A		1			365946	08/27/16 20:03	MGH	TAL NSH

## Client Sample ID: CL-176 Cable Ins

Date Collected: 08/18/16 10:00  
Date Received: 08/20/16 09:30

## Lab Sample ID: 490-110197-34

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1.56 g	10 mL	365140	08/24/16 11:59	MNM	TAL NSH
Total/NA	Analysis	8082A		1	1 mL	1.0 mL	365946	08/27/16 20:19	MGH	TAL NSH

## Client Sample ID: CL-177 Cable Ins

Date Collected: 08/18/16 10:00  
Date Received: 08/20/16 09:30

## Lab Sample ID: 490-110197-35

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1.60 g	10 mL	365140	08/24/16 11:59	MNM	TAL NSH

TestAmerica Nashville

# Lab Chronicle

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
SDG: 4213-15-242 Phase II

## Client Sample ID: CL-177 Cable Ins

Date Collected: 08/18/16 10:00  
Date Received: 08/20/16 09:30

## Lab Sample ID: 490-110197-35

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8082A		1			365946	08/27/16 20:35	MGH	TAL NSH

## Client Sample ID: CL-178 Cable Ins

Date Collected: 08/18/16 10:00  
Date Received: 08/20/16 09:30

## Lab Sample ID: 490-110197-36

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1.01 g	10 mL	365140	08/24/16 11:59	MNM	TAL NSH
Total/NA	Analysis	8082A		1			365946	08/27/16 20:50	MGH	TAL NSH

## Client Sample ID: CL-179 Cable Ins

Date Collected: 08/18/16 10:00  
Date Received: 08/20/16 09:30

## Lab Sample ID: 490-110197-37

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1.42 g	10 mL	365140	08/24/16 11:59	MNM	TAL NSH
Total/NA	Analysis	8082A		1			366094	08/28/16 19:06	MGH	TAL NSH

## Client Sample ID: CL-180 Cable Ins

Date Collected: 08/18/16 10:00  
Date Received: 08/20/16 09:30

## Lab Sample ID: 490-110197-38

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			8.69 g	10 mL	365140	08/24/16 11:59	MNM	TAL NSH
Total/NA	Analysis	8082A		1			366094	08/28/16 19:21	MGH	TAL NSH
Total/NA	Prep	3550C			8.69 g	10 mL	365140	08/24/16 11:59	MNM	TAL NSH
Total/NA	Analysis	8082A		20			366675	08/31/16 00:31	MGH	TAL NSH

## Client Sample ID: CL-181 Cable Ins

Date Collected: 08/18/16 10:00  
Date Received: 08/20/16 09:30

## Lab Sample ID: 490-110197-39

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			6.18 g	10 mL	365140	08/24/16 11:59	MNM	TAL NSH
Total/NA	Analysis	8082A		1			366094	08/28/16 19:37	MGH	TAL NSH
Total/NA	Prep	3550C			6.18 g	10 mL	365140	08/24/16 11:59	MNM	TAL NSH
Total/NA	Analysis	8082A		20			366675	08/31/16 00:47	MGH	TAL NSH

# Lab Chronicle

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
SDG: 4213-15-242 Phase II

## Client Sample ID: CL-182 Cable Ins

Date Collected: 08/18/16 10:00  
Date Received: 08/20/16 09:30

## Lab Sample ID: 490-110197-40

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			6.55 g	10 mL	365140	08/24/16 11:59	MNM	TAL NSH
Total/NA	Analysis	8082A		1			366094	08/28/16 19:52	MGH	TAL NSH

## Client Sample ID: CL-183 Cable Ins

Date Collected: 08/18/16 10:00  
Date Received: 08/20/16 09:30

## Lab Sample ID: 490-110197-41

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			4.53 g	10 mL	365155	08/24/16 12:29	MNM	TAL NSH
Total/NA	Analysis	8082A		1			365380	08/25/16 15:57	MGH	TAL NSH

## Client Sample ID: CL-184 Cable Ins

Date Collected: 08/18/16 10:00  
Date Received: 08/20/16 09:30

## Lab Sample ID: 490-110197-42

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			7.21 g	10 mL	365155	08/24/16 12:29	MNM	TAL NSH
Total/NA	Analysis	8082A		1			365380	08/25/16 16:13	MGH	TAL NSH

## Client Sample ID: CL-185 Cable Ins

Date Collected: 08/18/16 10:00  
Date Received: 08/20/16 09:30

## Lab Sample ID: 490-110197-43

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			8.82 g	10 mL	365155	08/24/16 12:29	MNM	TAL NSH
Total/NA	Analysis	8082A		1			365380	08/25/16 16:28	MGH	TAL NSH

## Client Sample ID: CL-186 Cable Ins

Date Collected: 08/18/16 10:00  
Date Received: 08/20/16 09:30

## Lab Sample ID: 490-110197-44

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			6.58 g	10 mL	365155	08/24/16 12:29	MNM	TAL NSH
Total/NA	Analysis	8082A		1			365380	08/25/16 16:44	MGH	TAL NSH

## Client Sample ID: CL-187 Cable Ins

Date Collected: 08/18/16 10:00  
Date Received: 08/20/16 09:30

## Lab Sample ID: 490-110197-45

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			8.54 g	10 mL	365155	08/24/16 12:29	MNM	TAL NSH
Total/NA	Analysis	8082A		1			365380	08/25/16 17:00	MGH	TAL NSH

TestAmerica Nashville



## Lab Chronicle

Client: S&ME, Inc.

Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1

SDG: 4213-15-242 Phase II

### Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

## Method Summary

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
SDG: 4213-15-242 Phase II

Method	Method Description	Protocol	Laboratory
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL NSH

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

## Certification Summary

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
SDG: 4213-15-242 Phase II

### Laboratory: TestAmerica Nashville

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
South Carolina	State Program	4	84009 (001)	02-28-16 *

Analysis Method	Prep Method	Matrix	Analyte
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\* Certification renewal pending - certification considered valid.

TestAmerica Nashville

**COOLER RECEIPT FORM**



490-110197 Chain of Custody

Cooler Received/Opened On 8/20/2016 @ 0930

Time Samples Removed From Cooler 1400 Time Samples Placed In Storage 1428 (2 Hour Window)

1. Tracking # 5892 (last 4 digits, FedEx) Courier: FedEx

IR Gun ID 97310166 pH Strip Lot HC58117 Chlorine Strip Lot 71130

2. Temperature of rep. sample or temp blank when opened: 4.7 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA  
 If yes, how many and where: 2, front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) [Signature]

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # \_\_\_\_\_

I certify that I unloaded the cooler and answered questions 7-14 (Initial) [Signature]

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) [Signature]

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) [Signature]

I certify that I attached a label with the unique LIMS number to each container (initial) [Signature]

21. Were there Non-Conformance issues at login? YES...NO Was a NCM generated? YES...NO # \_\_\_\_\_

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page 1 of 5  
Charleston Service

Loc: 490

110197

9/1/2016

**TestAmerica**  
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division  
2960 Foster Creighton  
Nashville, TN 37204

Phone: 615-726-0177  
Toll Free: 800-765-0980  
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?

Compliance Monitoring? Yes  No   
Enforcement Action? Yes  No

Client Name/Account #: S&ME # 2420

Address: 620 Wando Park Road

City/State/Zip: Mt. Pleasant, SC 29464

Project Manager: Don Goins email: dgoins@smeinc.com copy jkillingsworth@smeinc.com

Telephone Number: 843.884.0005

Fax No.: 843.884-1696

Sampler Name: (Print) Don Goins

Sampler Signature: Don Goins

Site State: SC

PO#: 40229

TA Quote #:

Project ID:

Project #: 4213-15-242 PHASE I

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative							Matrix					Analyze For:											RUSH TAT (Pre-Schedule)	Standard TAT	Fax Results	Send QC with report Page 19 of 74																								
							Ice	HNO <sub>3</sub> (Red Label)	HCl (Blue Label)	NaOH (Orange Label)	H <sub>2</sub> SO <sub>4</sub> Plastic (Yellow Label)	H <sub>2</sub> SO <sub>4</sub> Glass (Yellow Label)	None (Black Label)	Other (Specify)	Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	8082A PCBs	6010C LEAD, ZINC	CADMIUM, BARIUM																																		
CL-143 Paint	8-19-16	10:00	1		✓																																					-1	✓														
144					✓																																						2														
145					✓																																							3													
146					✓																																								4												
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148					✓																																											6									
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150					✓																																													8							
151					✓																																														9						
152					✓																																																	10			

Special Instructions:						Method of Shipment: FEDEX						Laboratory Comments:					
Relinquished by: <u>[Signature]</u>			Date: 8-19-16		Time: 7:00	Received by: <u>[Signature]</u>			Date: 8-19-16		Time: 14:00	Temperature Upon Receipt: qtc VOCs Free of Headspace? Y N Fedex -> Test America Nashville					
Relinquished by: <u>[Signature]</u>			Date: 8-17-16		Time: 17:30	Received by TestAmerica: <u>[Signature]</u>			Date: 8-20-16		Time: 09:30						





# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division  
2960 Foster Creighton  
Nashville, TN 37204

Phone: 615-726-0177  
Toll Free: 800-765-0980  
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?

Compliance Monitoring? Yes \_\_\_ No   
Enforcement Action? Yes \_\_\_ No

Client Name/Account #: S&ME # 2420  
Address: 620 Wando Park Road  
City/State/Zip: Mt. Pleasant, SC 29464  
Project Manager: Don Goins email: dgoins@smeinc.com copy jkillingsworth@smeinc.com  
Telephone Number: 843.884.0005 Fax No.: 843.884-1696  
Sampler Name: (Print) Don Goins  
Sampler Signature:

Site State: SC  
PO#: 40229  
TA Quote #:  
Project ID:  
Project #: 4213-15-242 PHASE I

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative										Matrix			Analyze For:							RUSH TAT (Pre-Schedule)	Standard TAT	Fax Results	Send QC with report			
							Ice	HNO <sub>3</sub> (Red Label)	HCl (Blue Label)	NaOH (Orange Label)	H <sub>2</sub> SO <sub>4</sub> Plastic (Yellow Label)	H <sub>2</sub> SO <sub>4</sub> Glass (Yellow Label)	None (Black Label)	Other (Specify)	Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	8062A PCBs	8010C LEAD, ZINC	CADMIUM; BARIUM										
CL-173 Cable Ins	8-18-14	10:00	1		✓																							31	✓				
174					✓																							32					
175					✓																							33					
176					✓																							34					
177					✓																							35					
178					✓																							36					
179					✓																							37					
180					✓																							38					
181					✓																							39					
182					✓																							40					

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### Special Instructions:

### Laboratory Comments:

Relinquished by:			Date			Time			Method of Shipment:			FEDEX		
			8-19-16			2:00			J. Brand			8-19-16 1400		
Relinquished by:			Date			Time			Received by TestAmerica:			Date		
			8-19-16			1:30			J. Brand			8-20-16 0930		

Temperature Upon Receipt: 47c  
VOCs Free of Headspace?  Y  N  
FedEx -> Test America  
Nashville





## Login Sample Receipt Checklist

Client: S&ME, Inc.

Job Number: 490-110197-1  
SDG Number: 4213-15-242 Phase II

Login Number: 110197

List Number: 1

Creator: McBride, Mike

List Source: TestAmerica Nashville

Question	Answer	Comment
Radioactivity wasn't checked or is <math>\leq</math> background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT


TestAmerica Laboratories, Inc.

TestAmerica Nashville  
2960 Foster Creighton Drive  
Nashville, TN 37204  
Tel: (615)726-0177

TestAmerica Job ID: 490-111780-1  
Client Project/Site: 4213-15-242 Phase I

For:  
S&ME, Inc.  
620 Wando Park Boulevard  
Mt. Pleasant, South Carolina 29464

Attn: Jim Killingsworth



Authorized for release by:  
9/21/2016 2:52:43 PM

Ken Hayes, Project Manager II  
(615)301-5035  
[ken.hayes@testamericainc.com](mailto:ken.hayes@testamericainc.com)

### LINKS

Review your project  
results through  
**TotalAccess**

Have a Question?

**Ask  
The  
Expert**

Visit us at:  
[www.testamericainc.com](http://www.testamericainc.com)

*The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

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# Sample Summary

Client: S&ME, Inc.  
Project/Site: 4213-15-242 Phase I

TestAmerica Job ID: 490-111780-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-111780-1	187A Cable Ins.	Solid	08/18/16 10:00	09/15/16 08:55

3

# Case Narrative

Client: S&ME, Inc.  
Project/Site: 4213-15-242 Phase I

TestAmerica Job ID: 490-111780-1

**Job ID: 490-111780-1**

**Laboratory: TestAmerica Nashville**

## Narrative

**Job Narrative  
490-111780-1**

## Comments

No additional comments.

## Receipt

The sample was received on 9/15/2016 8:55 AM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 13.6° C.

## Receipt Exceptions

The following sample was received at the laboratory outside the required temperature criteria: 187A Cable Ins. (490-111780-1). The client was contacted regarding this issue, and the laboratory was instructed to proceed with analysis.

## GC Semi VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

## Organic Prep

Method(s) 3550B, 3550C: The following sample(s) was provided to the laboratory with a significantly different initial weight than that required by the reference method: 3550C. The method requires 30.00g. The amount provided was below this range. 490-111780-1 had 16.09g.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

## Definitions/Glossary

Client: S&ME, Inc.  
Project/Site: 4213-15-242 Phase I

TestAmerica Job ID: 490-111780-1

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

## Client Sample Results

Client: S&ME, Inc.  
Project/Site: 4213-15-242 Phase I

TestAmerica Job ID: 490-111780-1

**Client Sample ID: 187A Cable Ins.**

Date Collected: 08/18/16 10:00

Date Received: 09/15/16 08:55

**Lab Sample ID: 490-111780-1**

Matrix: Solid

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0186		0.0621	0.0186	mg/Kg		09/18/16 14:48	09/20/16 12:33	1
PCB-1221	<0.0186		0.0621	0.0186	mg/Kg		09/18/16 14:48	09/20/16 12:33	1
PCB-1232	<0.0373		0.0621	0.0373	mg/Kg		09/18/16 14:48	09/20/16 12:33	1
PCB-1242	<0.0186		0.0621	0.0186	mg/Kg		09/18/16 14:48	09/20/16 12:33	1
PCB-1248	<0.0186		0.0621	0.0186	mg/Kg		09/18/16 14:48	09/20/16 12:33	1
PCB-1254	<0.0186		0.0621	0.0186	mg/Kg		09/18/16 14:48	09/20/16 12:33	1
PCB-1260	<0.0186		0.0621	0.0186	mg/Kg		09/18/16 14:48	09/20/16 12:33	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	121		20 - 150				09/18/16 14:48	09/20/16 12:33	1
Tetrachloro-m-xylene	42		19 - 147				09/18/16 14:48	09/20/16 12:33	1



## QC Sample Results

Client: S&ME, Inc.  
Project/Site: 4213-15-242 Phase I

TestAmerica Job ID: 490-111780-1

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 490-371009/1-A  
Matrix: Solid  
Analysis Batch: 371337

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 371009

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	<0.0100		0.0333	0.0100	mg/Kg		09/18/16 14:48	09/20/16 11:31	1
PCB-1221	<0.0100		0.0333	0.0100	mg/Kg		09/18/16 14:48	09/20/16 11:31	1
PCB-1232	<0.0200		0.0333	0.0200	mg/Kg		09/18/16 14:48	09/20/16 11:31	1
PCB-1242	<0.0100		0.0333	0.0100	mg/Kg		09/18/16 14:48	09/20/16 11:31	1
PCB-1248	<0.0100		0.0333	0.0100	mg/Kg		09/18/16 14:48	09/20/16 11:31	1
PCB-1254	<0.0100		0.0333	0.0100	mg/Kg		09/18/16 14:48	09/20/16 11:31	1
PCB-1260	<0.0100		0.0333	0.0100	mg/Kg		09/18/16 14:48	09/20/16 11:31	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl (Surr)	64		20 - 150	09/18/16 14:48	09/20/16 11:31	1
Tetrachloro-m-xylene	56		19 - 147	09/18/16 14:48	09/20/16 11:31	1

Lab Sample ID: LCS 490-371009/2-A  
Matrix: Solid  
Analysis Batch: 371337

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 371009

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
PCB-1016	0.333	0.2610		mg/Kg		78	60 - 137
PCB-1260	0.333	0.2616		mg/Kg		78	56 - 141

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl (Surr)	78		20 - 150
Tetrachloro-m-xylene	67		19 - 147

## QC Association Summary

Client: S&ME, Inc.  
Project/Site: 4213-15-242 Phase I

TestAmerica Job ID: 490-111780-1

### GC Semi VOA

#### Prep Batch: 371009

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-111780-1	187A Cable Ins.	Total/NA	Solid	3550C	
MB 490-371009/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 490-371009/2-A	Lab Control Sample	Total/NA	Solid	3550C	

#### Analysis Batch: 371337

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-111780-1	187A Cable Ins.	Total/NA	Solid	8082A	371009
MB 490-371009/1-A	Method Blank	Total/NA	Solid	8082A	371009
LCS 490-371009/2-A	Lab Control Sample	Total/NA	Solid	8082A	371009

# Lab Chronicle

Client: S&ME, Inc.  
Project/Site: 4213-15-242 Phase I

TestAmerica Job ID: 490-111780-1

**Client Sample ID: 187A Cable Ins.**

**Date Collected: 08/18/16 10:00**

**Date Received: 09/15/16 08:55**

**Lab Sample ID: 490-111780-1**

**Matrix: Solid**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			16.09 g	10.00 mL	371009	09/18/16 14:48	MNM	TAL NSH
Total/NA	Analysis	8082A		1			371337	09/20/16 12:33	MGH	TAL NSH

**Laboratory References:**

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

## Method Summary

Client: S&ME, Inc.  
Project/Site: 4213-15-242 Phase I

TestAmerica Job ID: 490-111780-1

Method	Method Description	Protocol	Laboratory
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL NSH

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

## Certification Summary

Client: S&ME, Inc.  
Project/Site: 4213-15-242 Phase I

TestAmerica Job ID: 490-111780-1

### Laboratory: TestAmerica Nashville

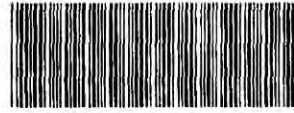
Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
South Carolina	State Program	4	84009 (001)	02-28-16 *

Analysis Method	Prep Method	Matrix	Analyte
-----------------	-------------	--------	---------

\* Certification renewal pending - certification considered valid.

TestAmerica Nashville



**COOLER RECEIPT FORM**

490-111780 Chain of Custody

Cooler Received/Opened On 9/15/2016 @ 0855

Time Samples Removed From Cooler \_\_\_\_\_ Time Samples Placed In Storage \_\_\_\_\_ (2 Hour Window)

1. Tracking # 7930 (last 4 digits, FedEx) Courier: \_\_\_\_\_

IR Gun ID Raynger pH Strip Lot HC564992 Chlorine Strip Lot 012516A

2. Temperature of rep. sample or temp blank when opened: 13.6 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 2 Front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) PN

7. Were custody seals on containers: YES NO and intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # \_\_\_\_\_

I certify that I unloaded the cooler and answered questions 7-14 (initial) CA

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (Initial) CA

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) CA

I certify that I attached a label with the unique LIMS number to each container (initial) CA

21. Were there Non-Conformance Issues at login? YES...NO Was a NCM generated? YES...NO...# \_\_\_\_\_

12

RUSH Sday TAT Due 9.22

TestAmerica  
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division  
2960 Foster Creighton  
Nashville, TN 37204

Phone: 615-726-0177  
Toll Free: 800-765-0980  
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?

Compliance Monitoring? Yes  No   
Enforcement Action? Yes  No

Client Name/Account #: S&ME # 2420

Address: 820 Wando Park Road

City/State/Zip: Mt. Pleasant, SC 29464

Project Manager: *Jim Killingsworth jkillings@tbs.com*

Telephone Number: 843.884.0005

Fax No.: 843.884-1696

Sampler Name: (Print) *Don Grah*

Sampler Signature: *(Signature)*

Site State: SC

PO#: 40477

TA Quote #:

Project ID:

Project #: 4213-15-242 Phase I

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative							Matrix			Analyze For:				RUSH TAT (Pre-Schedule)	Standard TAT	Fax Results	Send QC with report																	
							Ice	HNO <sub>3</sub> (Red Label)	HCl (Blue Label)	NaOH (Orange Label)	H <sub>2</sub> SO <sub>4</sub> Plastic (Yellow Label)	H <sub>2</sub> SO <sub>4</sub> Glass (Yellow Label)	None (Black Label)	Other (Specify)	Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify): decon water					Metals	Organics	Trace	Other													
187A Cable Ins. 8/18/16	9/13/16	16:00	1		<input checked="" type="checkbox"/>																																				

Loc: 490  
111780

Special Instructions:						Laboratory Comments:							
Relinquished by: <i>(Signature)</i>						Temperature Upon Receipt: <input type="checkbox"/> Y <input type="checkbox"/> N VOCs Free of Headspace? <input type="checkbox"/> Y <input type="checkbox"/> N							
Date		Time		Method of Shipment: FEDEX		Date		Time		<i>Fed Ex -&gt; Test America Nashville</i>			
9.13.16		1630				9.14.16		1015					
Date		Time		Received by TestAmerica:		Date		Time		<i>5-DAY TURN</i>			
9.13.16		1730		<i>(Signature)</i>		9.15.16		0855 13.6					

Page 13 of 14

9/21/2016

## Login Sample Receipt Checklist

Client: S&ME, Inc.

Job Number: 490-111780-1

Login Number: 111780

List Source: TestAmerica Nashville

List Number: 1

Creator: Huckaba, Jimmy

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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## **Appendix IV – Waste Analyses**

## **Exterior Paint Waste Analyses**

## Client Sample Results

Client: S&ME, Inc.  
 Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
 SDG: 4213-15-242 PHASE I

**Client Sample ID: CL-99**

Date Collected: 06/03/16 08:00

Date Received: 06/04/16 09:40

**Lab Sample ID: 490-104998-1**

Matrix: Paint Chips

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0533		0.177	0.0533	ppm		06/13/16 11:14	06/26/16 13:01	1
PCB-1221	<0.0533		0.177	0.0533	ppm		06/13/16 11:14	06/26/16 13:01	1
PCB-1232	<0.107		0.177	0.107	ppm		06/13/16 11:14	06/26/16 13:01	1
PCB-1242	<0.0533		0.177	0.0533	ppm		06/13/16 11:14	06/26/16 13:01	1
PCB-1248	<0.0533		0.177	0.0533	ppm		06/13/16 11:14	06/26/16 13:01	1
PCB-1254	0.324		0.177	0.0533	ppm		06/13/16 11:14	06/26/16 13:01	1
PCB-1260	<0.0533		0.177	0.0533	ppm		06/13/16 11:14	06/26/16 13:01	1

**Surrogate**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	63		20 - 150	06/13/16 11:14	06/26/16 13:01	1
Tetrachloro-m-xylene	59		19 - 147	06/13/16 11:14	06/26/16 13:01	1

**Method: 6010C - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	393		1.98	0.988	mg/Kg		06/08/16 05:32	06/09/16 19:03	1
Cadmium	29.8		0.988	0.0988	mg/Kg		06/08/16 05:32	06/09/16 19:03	1
Lead	1100		0.988	0.494	mg/Kg		06/08/16 05:32	06/09/16 19:03	1
Zinc	109000	B	988	494	mg/Kg		06/08/16 05:32	06/10/16 11:19	100
Chromium	217		0.988	0.889	mg/Kg		06/08/16 05:32	06/09/16 19:03	1

*Non-HA2 - Barium and (Zinc)*

## Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

**Client Sample ID: CL-106**

Date Collected: 06/03/16 08:40

Date Received: 06/04/16 09:40

**Lab Sample ID: 490-104998-8**

Matrix: Paint Chips

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0488		0.163	0.0488	ppm		06/13/16 11:14	06/26/16 14:47	5
PCB-1221	<0.0488		0.163	0.0488	ppm		06/13/16 11:14	06/26/16 14:47	5
PCB-1232	<0.0977		0.163	0.0977	ppm		06/13/16 11:14	06/26/16 14:47	5
PCB-1242	<0.0488		0.163	0.0488	ppm		06/13/16 11:14	06/26/16 14:47	5
PCB-1248	<0.0488		0.163	0.0488	ppm		06/13/16 11:14	06/26/16 14:47	5
PCB-1254	<0.0488		0.163	0.0488	ppm		06/13/16 11:14	06/26/16 14:47	5
PCB-1260	<0.0488		0.163	0.0488	ppm		06/13/16 11:14	06/26/16 14:47	5

### Surrogate

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	2	pX	20 - 150	06/13/16 11:14	06/26/16 14:47	5
Tetrachloro-m-xylene	4	pX	19 - 147	06/13/16 11:14	06/26/16 14:47	5

### Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	181		1.95	0.977	mg/Kg		06/08/16 05:32	06/09/16 19:44	1
Cadmium	13.8		0.977	0.0977	mg/Kg		06/08/16 05:32	06/09/16 19:44	1
Lead	47400		9.77	4.88	mg/Kg		06/08/16 05:32	06/10/16 11:49	10
Zinc	63400	B	977	488	mg/Kg		06/08/16 05:32	06/10/16 11:54	100
Chromium	2780		0.977	0.879	mg/Kg		06/08/16 05:32	06/09/16 19:44	1

*HAZ. WASTE - Lead & Chromium*

Loc: 490  
104998

Charleston Service Center  
page 1 of 3

6/28/2016



Nashville Division  
2960 Foster Creighton  
Nashville, TN 37204  
Phone: 615-726-0177  
Toll Free: 800-765-0980  
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?

Compliance Monitoring? Yes  No   
Enforcement Action? Yes  No

Client Name/Account #: S&ME # 2420  
Address: 620 Wando Park Road  
City/State/Zip: Mt. Pleasant, SC 29464  
Project Manager: Don Goins email: dgoins@smeinc.com copy jkillingsworth@smeinc.com  
Telephone Number: 843.884.0005 Fax No.: 843.884-1696  
Sampler Name (Print): Don Goins F. Slay  
Sampler Signature: [Signatures]

Site State: SC  
PO#: 40229  
TA Quote #:  
Project ID:  
Project #: 4213-15-242 PHASE I

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative											Matrix											Analyze For:										RUSH TAT (Pre-Schedule)	Standard TAT	Fax Results	Send CC with report
							Ice	HNO <sub>3</sub> (Red Label)	HCl (Blue Label)	NaOH (Orange Label)	H <sub>2</sub> SO <sub>4</sub> Plastic (Yellow Label)	H <sub>2</sub> SO <sub>4</sub> Glass (Yellow Label)	None (Black Label)	Other (Specify)	Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (Specify)	8082A PCBs	6010C LEAD, ZINC	CADMIUM, BARIUM	Ch. metals, etc.	As	Cd	Cu	Hg	Mn	Ni	Pb	Sb	Se	Ta	Tl	V						
1 CL-95	6-3-16			X														X	X	X	X	X	X										X									
2 CL-102				X														X	X	X	X	X	X																			
3 CL-101				X														X	X	X	X	X	X																			
4 CL-102				X														X	X	X	X	X	X																			
5 CL-103				X														X	X	X	X	X	X																			
6 CL-104				X														X	X	X	X	X	X																			
7 CL-105				X														X	X	X	X	X	X																			
8 CL-106				X														X	X	X	X	X	X																			
9 CL-107				X														X	X	X	X	X	X																			
10 CL-108				X														X	X	X	X	X	X																			
Special Instructions:							Method of Shipment: FEDEX											Laboratory Comments: Temperature Upon Receipt: 16.2 VOCs Free of Headspace? Y N FedEx → Test America Nashville																								
Relinquished by: <u>F. Slay</u>		Date: 6/3/16	Time: 1415	Received by: <u>[Signature]</u>			Date: 6/3/16	Time: 1415																																		
Relinquished by: <u>[Signature]</u>		Date: 6/3/16	Time: 1730	Received by TestAmerica: <u>Dani Ant TAN</u>			Date: 6/4-16	Time: 0940																																		

Page 10 of 63

## Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-104998-1  
SDG: 4213-15-242 PHASE I

**Client Sample ID: CL-123**

Date Collected: 06/03/16 00:01  
Date Received: 06/04/16 09:40

**Lab Sample ID: 490-104998-25**

Matrix: Paint Chips

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0173		0.0576	0.0173	ppm		06/21/16 12:49	06/22/16 10:28	1
PCB-1221	<0.0173		0.0576	0.0173	ppm		06/21/16 12:49	06/22/16 10:28	1
PCB-1232	<0.0346		0.0576	0.0346	ppm		06/21/16 12:49	06/22/16 10:28	1
PCB-1242	<0.0173		0.0576	0.0173	ppm		06/21/16 12:49	06/22/16 10:28	1
PCB-1248	<0.0173		0.0576	0.0173	ppm		06/21/16 12:49	06/22/16 10:28	1
PCB-1254	0.0693		0.0576	0.0173	ppm		06/21/16 12:49	06/22/16 10:28	1
PCB-1260	<0.0173		0.0576	0.0173	ppm		06/21/16 12:49	06/22/16 10:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	68		20 - 150	06/21/16 12:49	06/22/16 10:28	1
Tetrachloro-m-xylene	54		19 - 147	06/21/16 12:49	06/22/16 10:28	1

**Method: 6010C - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	252		1.98	0.988	mg/Kg		06/08/16 05:42	06/08/16 23:19	1
Cadmium	37.8		0.988	0.0988	mg/Kg		06/08/16 05:42	06/08/16 23:19	1
Lead	8470		0.988	0.494	mg/Kg		06/08/16 05:42	06/08/16 23:19	1
Zinc	708		9.88	4.94	mg/Kg		06/08/16 05:42	06/08/16 23:19	1
Chromium	559		0.988	0.889	mg/Kg		06/08/16 05:42	06/08/16 23:19	1

6

*HAZARDOUS WASTE - Cadmium*



## Client Sample Results

Client: S&ME, Inc.  
Project/Site: Patriots Point USS Clamgore

TestAmerica Job ID: 490-110197-1  
SDG: 4213-15-242 Phase II

**Client Sample ID: CL-162 Paint**

Date Collected: 08/19/16 10:00  
Date Received: 08/20/16 09:30

**Lab Sample ID: 490-110197-20**

Matrix: Solid

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0126		0.0419	0.0126	mg/Kg		08/24/16 11:23	08/29/16 01:33	1
PCB-1221	<0.0126		0.0419	0.0126	mg/Kg		08/24/16 11:23	08/29/16 01:33	1
PCB-1232	<0.0252		0.0419	0.0252	mg/Kg		08/24/16 11:23	08/29/16 01:33	1
PCB-1242	<0.0126		0.0419	0.0126	mg/Kg		08/24/16 11:23	08/29/16 01:33	1
PCB-1248	<0.0126		0.0419	0.0126	mg/Kg		08/24/16 11:23	08/29/16 01:33	1
PCB-1254	1.33		0.209	0.0629	mg/Kg		08/24/16 11:23	08/31/16 01:18	5
PCB-1260	<0.0126		0.0419	0.0126	mg/Kg		08/24/16 11:23	08/29/16 01:33	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl (Surr)	35		20 - 150				08/24/16 11:23	08/29/16 01:33	1
Tetrachloro-m-xylene	16	X	19 - 147				08/24/16 11:23	08/29/16 01:33	1

6

PCB - Non PCB Contaminated





Nashville Division  
 2960 Foster Creighton  
 Nashville, TN 37204

Phone: 615-726-0177  
 Toll Free: 800-765-0980  
 Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?

Compliance Monitoring? Yes  No   
 Enforcement Action? Yes  No

Client Name/Account #: S&ME # 2420

Address: 620 Wando Park Road

City/State/Zip: Mt. Pleasant, SC 29464

Project Manager: Don Goins email: dgoins@smeinc.com copy jkillingsworth@smeinc.com

Telephone Number: 843.884.0005

Fax No.: 843.884-1696

Sampler Name: (Print) Don Goins

Sampler Signature: [Signature]

Site State: SC

PO#: 40229

TA Quote #:

Project ID:

Project #: 4213-15-242 PHASE I

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative									Matrix						Analyze For:										RUSH TAT (Pre-Schedule)	Standard TAT	Fax Results	Send CC with report
							Ice	HNO <sub>3</sub> (Red Label)	HCl (Blue Label)	NaOH (Orange Label)	H <sub>2</sub> SO <sub>4</sub> , Plastic (Yellow Label)	H <sub>2</sub> SO <sub>4</sub> , Glass (Yellow Label)	None (Black Label)	Other (Specify)	Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify): <u>Paint</u>	8082A PCBs	6010C LEAD, ZINC	CADMIUM, BARIUM												
CL-153 <u>Paint</u>	<u>8-19-16</u>	<u>10:00</u>	<u>1</u>		<input checked="" type="checkbox"/>																							<u>11</u>	<u>✓</u>						
<u>154</u>			<u>1</u>		<input checked="" type="checkbox"/>																							<u>12</u>							
<u>155</u>			<u>1</u>		<input checked="" type="checkbox"/>																							<u>13</u>							
<u>#52</u>			<u>1</u>		<input checked="" type="checkbox"/>																							<u>14</u>							
<u>157</u>			<u>1</u>		<input checked="" type="checkbox"/>																							<u>15</u>							
<u>158</u>			<u>1</u>		<input checked="" type="checkbox"/>																							<u>16</u>							
<u>159</u>			<u>1</u>		<input checked="" type="checkbox"/>																							<u>17</u>							
<u>160</u>			<u>1</u>		<input checked="" type="checkbox"/>																							<u>18</u>							
<u>161</u>			<u>1</u>		<input checked="" type="checkbox"/>																							<u>19</u>							
<u>162</u>			<u>1</u>		<input checked="" type="checkbox"/>																							<u>20</u>							

Special Instructions:

Laboratory Comments:

Temperature Upon Receipt 47c Y N  
 VOCs Free of Headspace?

Method of Shipment: FEDEX

Relinquished by: <u>[Signature]</u>	Date: <u>8-19-16</u>	Time: <u>2:00</u>	Received by: <u>[Signature]</u>	Date: <u>8-19-16</u>	Time: <u>1400</u>	FedEx → Test America Nashville
Relinquished by: <u>[Signature]</u>	Date: <u>8-19-16</u>	Time: <u>1730</u>	Received by TestAmerica: <u>[Signature]</u>	Date: <u>8-20-16</u>	Time: <u>0930</u>	



9771D Southern Pine Boulevard  
 Charlotte, NC 28273  
 704-940-1830 Fax 704-565-4929  
 NVLAP Lab Code 102075-0

**POLARIZED LIGHT MICROSCOPY**

Performed by EPA 600/R-93/116 Method

## Asbestos Analysis Summary

**Client Name** Charleston Branch

620 Wando Park Blvd.

**Date Received** 6/8/2016

**Client Job** Patriots Point USS Clamagore

Mt. Pleasant SC 29464

**Date Analyzed** 6/13/2016

**Job Number** 4213-15-242

<i>Lab ID:</i>	<i>Sample #:</i>	<i>Appearance</i>	<i>Comments</i>	<i>Asbestos %/Type</i>	<i>Non-Asbestos Fibrous %/Type</i>	<i>Non-Fibrous %/Type</i>
16-5540A	CL-FT1-01	TAN NONFIBROUS	TILE	2 CHRYSOTILE		98 OTHER
16-5540B	CL-FT1-01	YELLOW NONFIBROUS	MASTIC	ND		100 OTHER
16-5541A	CL-FT1-02	TAN NONFIBROUS	TILE	2 CHRYSOTILE		98 OTHER
16-5541B	CL-FT1-02	YELLOW NONFIBROUS	MASTIC	ND		100 OTHER

Analyzed by: Jane Wasilewski

*Additional Comments:*

Jane Wasilewski  
 Laboratory Manager

For heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. ND = None Detected (Asbestos Not Present In Representative Sample). RCF= (Refractory Ceramic Fiber) The results relate only to the items tested. The sample may not be fully representative of the larger material in question. This sheet may not be reproduced except with permission from SME, Inc. This report may not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Although Polarized Light Microscopy (PLM/Dispersion Staining) (Method EPA 600/R-93/116) is the specified method for analysis of bulk material samples for asbestos under the EPA Asbestos Hazard Emergency Response Act, there have been reports that this method may not identify asbestos when fiber sizes are extremely small or if they are bound in a resinous material. Such materials include floor tile, mastic and asphaltic roofing. Currently, reanalysis by Transmission Electron Microscopy (TEM) to verify results of <1% or "None Detected" for these materials is recommended.

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
16-5543	CL-SF1-01	GREY NONFIBROUS	SHEET FLOOR (ONLY)	ND		100 OTHER
16-5544A	CL-SF1-02	GREY NONFIBROUS	SHEET FLOOR	ND		100 OTHER
16-5544B	CL-SF1-02	YELLOW NONFIBROUS	MASTIC	ND		100 OTHER
16-5546A	CL-SF2-01	GREY NONFIBROUS	SHEET FLOOR	ND		100 OTHER
16-5546B	CL-SF2-01	YELLOW NONFIBROUS	MASTIC	ND		100 OTHER
16-5547A	CL-SF2-02	GREY NONFIBROUS	SHEET FLOOR	ND		100 OTHER

Analyzed by: Jane Wasilewski

Additional Comments:

Jane Wasilewski  
Laboratory Manager

For heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. ND = None Detected (Asbestos Not Present In Representative Sample), RCF= (Refractory Ceramic Fiber) The results relate only to the items tested. The sample may not be fully representative of the larger material in question. This sheet may not be reproduced except with permission from SME, Inc. This report may not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Although Polarized Light Microscopy (PLM/Dispersion Staining) (Method EPA 600/R-93/116) is the specified method for analysis of bulk material samples for asbestos under the EPA Asbestos Hazard Emergency Response Act, there have been reports that this method may not identify asbestos when fiber sizes are extremely small or if they are bound in a resinous material. Such materials include floor tile, mastic and asphaltic roofing. Currently, reanalysis by Transmission Electron Microscopy (TEM) to verify results of <1% or "None Detected" for these materials is recommended.

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
16-5547B	CL-SF2-02	YELLOW NONFIBROUS	MASTIC	ND		100 OTHER
16-5549	CL-SF3-01	GREEN FIBROUS		ND	5 GLASS	95 OTHER
16-5550	CL-SF3-02	GREEN FIBROUS		ND	5 GLASS	95 OTHER
16-5552A	CL-DI1-01	WHITE FIBROUS	WRAP	40 CHRYSOTILE	35 CELLULOSE	25 OTHER
16-5552B	CL-DI1-01	YELLOW FIBROUS	INSULATION	ND	100 FIBERGLASS	
16-5553A	CL-DI1-02	WHITE FIBROUS	WRAP	40 CHRYSOTILE	35 CELLULOSE	25 OTHER

Analyzed by: Jane Wasilewski

Additional Comments:

Jane Wasilewski  
Laboratory Manager

For heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. ND = None Detected (Asbestos Not Present In Representative Sample). RCF= (Refractory Ceramic Fiber) The results relate only to the items tested. The sample may not be fully representative of the larger material in question. This sheet may not be reproduced except with permission from SME, Inc. This report may not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Although Polarized Light Microscopy (PLM/Dispersion Staining) (Method EPA 600/R-93/116) is the specified method for analysis of bulk material samples for asbestos under the EPA Asbestos Hazard Emergency Response Act, there have been reports that this method may not identify asbestos when fiber sizes are extremely small or if they are bound in a resinous material. Such materials include floor tile, mastic and asphaltic roofing. Currently, reanalysis by Transmission Electron Microscopy (TEM) to verify results of <1% or "None Detected" for these materials is recommended.

<i>Lab ID:</i>	<i>Sample #:</i>	<i>Appearance</i>	<i>Comments</i>	<i>Asbestos %/Type</i>	<i>Non-Asbestos Fibrous %/Type</i>	<i>Non-Fibrous %/Type</i>
16-5553B	CL-DI1-02	YELLOW FIBROUS	INSULATION	ND	100 FIBERGLASS	
16-5554	CL-DI1-03	YELLOW FIBROUS	INSULATION	ND	100 FIBERGLASS	
16-5555	CL-DI2-01	WHITE FIBROUS		40 CHRYSOTILE	35 CELLULOSE	25 OTHER
16-5556	CL-DI2-02	WHITE FIBROUS		40 CHRYSOTILE	35 SYNTHETIC	25 OTHER

Analyzed by: Jane Wasilewski

*Additional Comments:*

Jane Wasilewski  
Laboratory Manager

For heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. ND = None Detected (Asbestos Not Present In Representative Sample). RCF= (Refractory Ceramic Fiber) The results relate only to the items tested. The sample may not be fully representative of the larger material in question. This sheet may not be reproduced except with permission from SME, Inc. This report may not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Although Polarized Light Microscopy (PLM/Dispersion Staining) (Method EPA 600/R-93/116) is the specified method for analysis of bulk material samples for asbestos under the EPA Asbestos Hazard Emergency Response Act, there have been reports that this method may not identify asbestos when fiber sizes are extremely small or if they are bound in a resinous material. Such materials include floor tile, mastic and asphaltic roofing. Currently, reanalysis by Transmission Electron Microscopy (TEM) to verify results of <1% or "None Detected" for these materials is recommended.

**BULK SAMPLE**  
CHAIN OF CUSTODY RECORD

*p. 1 of 2*



PROJECT NO. <i>9213-15-242</i>		PROJECT NAME <i>Patriots Point - USS Clamagore</i>			RELINQUISHED BY: <i>[Signature]</i>		DATE <i>6/7</i>	TIME <i>9 am</i>	RECEIVED BY: <i>[Signature]</i>		
FACILITY <i>USS Clamagore</i>					RELINQUISHED BY:		DATE	TIME	RECEIVED BY:		
SAMPLER(S) <i>D. Goins F. Slawoff</i>			DATE TAKEN <i>6-3-16</i>		RELINQUISHED BY:		DATE	TIME	RECEIVED BY:		
SAMPLE #	HOMOGENEOUS AREA	MATERIAL TYPE	LAB NUMBER	DATE ANALYZED	ANALYSTS INITIALS	ASBESTOS +	ASBESTOS N/D	ARCHIVE NUMBER	DATE ARCH	ARCHIVER INITIALS	SPECIAL INSTRUCTIONS
<i>CL-PT1-01</i>	<i>1</i>	<i>PT.</i>	<i>16-5540</i>								
<i>CL-PT2-02</i>	<i>1</i>	<i>PT.</i>	<i>41</i>								
<i>CL-PT1-03</i>	<i>1</i>	<i>PT.</i>	<i>42</i>								<i>TEM if 01/02 &lt; 1%</i>
<i>CL-SP1-01</i>	<i>2</i>	<i>SF</i>	<i>43</i>								
<i>CL-SP1-02</i>	<i>2</i>	<i>S.F.</i>	<i>44</i>								
<i>CL-SP1-03</i>	<i>2</i>	<i>SF</i>	<i>45</i>								<i>TEM if 01/02 &lt; 1%</i>
<i>CL-SP2-01</i>	<i>3</i>	<i>S.F.</i>	<i>46</i>								
<i>CL-SP2-02</i>	<i>3</i>	<i>S.F.</i>	<i>47</i>								
<i>CL-SP2-03</i>	<i>3</i>	<i>S.F.</i>	<i>48</i>								<i>TEM if 01/02 &lt; 1%</i>
<i>CL-SP3-01</i>	<i>4</i>	<i>S.F.</i>	<i>49</i>								
<i>CL-SP3-02</i>	<i>4</i>	<i>S.F.</i>	<i>50</i>								
<i>CL-SP3-03</i>	<i>4</i>	<i>S.F.</i>	<i>51</i>								<i>TEM if 01/02 &lt; 1%</i>
<i>CL-DI1-01</i>	<i>5</i>	<i>Insul.</i>	<i>52</i>								
<i>CL-DI1-02</i>	<i>5</i>	<i>Insul.</i>	<i>53</i>								
<i>CL-DI1-03</i>	<i>5</i>	<i>Insul.</i>	<i>5554</i>								<i>TEM if 01/02 &lt; 1%</i>

ALL SAMPLES WILL BE DISPOSED OF NINETY DAYS AFTER ANALYSIS UNLESS OTHERWISE REQUESTED

**MATERIAL TYPES**

- |                        |                     |                             |
|------------------------|---------------------|-----------------------------|
| A - <4" Pipe Fitting   | G - 9-14" Pipe      | M - A.H.U. Exp. Jt.         |
| B - 4-8" Pipe Fitting  | H - >14" Pipe       | N - Ceiling/Wall Tile       |
| C - 9-14" Pipe Fitting | I - Spray-On/Trowel | O - Fiberboard              |
| D - >14" Pipe Fitting  | J - Floor Tile      | P - Other                   |
| E - <4" Pipe           | K - Tanks/Boiler    | (See notes - Front or back) |
| F - 4-8" Pipe          | L - A.H.U. Insul.   |                             |

*PLM - 5 day TAT*  
*TEM - 3 day TAT*

**BULK SAMPLE**

*P 2 of 2*



**CHAIN OF CUSTODY RECORD**

PROJECT NO. <i>4213-15-242</i>		PROJECT NAME <i>Paradise Point</i>			RELINQUISHED BY: <i>[Signature]</i>		DATE <i>6/7</i>	TIME <i>9 am</i>	RECEIVED BY: <i>[Signature]</i>		
FACILITY <i>USS Clamagore</i>					RELINQUISHED BY:		DATE	TIME	RECEIVED BY:		
SAMPLER(S) <i>D. Gains F. Slaughter</i>			DATE TAKEN <i>6-3-16</i>		RELINQUISHED BY:		DATE	TIME	RECEIVED BY:		
SAMPLE #	HOMOGENEOUS AREA	MATERIAL TYPE	LAB NUMBER	DATE ANALYZED	ANALYSTS INITIALS	ASBESTOS +	ASBESTOS N/D	ARCHIVE NUMBER	DATE ARCH	ARCHIVER INITIALS	SPECIAL INSTRUCTIONS
<i>CL-DE2-01</i>	<i>6</i>	<i>Insul.</i>	<i>16-5555</i>								
<i>CL-DE2-02</i>	<i>6</i>	<i>Insul.</i>	<i>56</i>								
<i>CL-DE2-03</i>	<i>6</i>	<i>Insul.</i>	<i>5557</i>								<i>TEM of 01/02 &lt; 1%</i>

ALL SAMPLES WILL BE DISPOSED OF NINETY DAYS AFTER ANALYSIS UNLESS OTHERWISE REQUESTED

**MATERIAL TYPES**

- |                        |                     |                             |
|------------------------|---------------------|-----------------------------|
| A - <4" Pipe Fitting   | G - 9-14" Pipe      | M - A.H.U. Exp. Jt.         |
| B - 4-8" Pipe Fitting  | H - >14" Pipe       | N - Ceiling/Wall Tile       |
| C - 9-14" Pipe Fitting | I - Spray-On/Trowel | O - Fiberboard              |
| D - >14" Pipe Fitting  | J - Floor Tile      | P - Other                   |
| E - <4" Pipe           | K - Tanks/Boiler    | (See notes - Front or back) |
| F - 4-8" Pipe          | L - A.H.U. Insul.   |                             |

*PCM - 5 day TAT*  
*TEM - 3 day TAT*



9771D Southern Pine Boulevard  
 Charlotte, NC 28273  
 704-940-1830 Fax 704-565-4929  
 NVLAP Lab Code 102075-0

**POLARIZED LIGHT MICROSCOPY**  
 Performed by EPA 600/R-93/116 Method

## Asbestos Analysis Summary

**Client Name** Charleston Branch  
**Client Job** Patriots Point USS Clamagore

620 Wando Park Blvd.  
 Mt. Pleasant SC 29464

**Date Received** 7/14/2016

**Date Analyzed** 7/19/2016

**Job Number** 4213-15-242

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
16-6739	CL-TP-01	WHT/BRWN NONFIBROUS		ND		100 OTHER
16-6740	CL-TP-02	WHT/BRWN NONFIBROUS		ND		100 OTHER
16-6741	CL-TP-03	WHT/BRWN NONFIBROUS		ND		100 OTHER
16-6742	CL-TP-04	WHT/BRWN NONFIBROUS		ND		100 OTHER

**Analyzed by: Jane Wasilewski**

*Additional Comments:*

**Jane Wasilewski**  
 Laboratory Manager

For heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. ND = None Detected (Asbestos Not Present In Representative Sample). RCF= (Refractory Ceramic Fiber) The results relate only to the items tested.  
 The sample may not be fully representative of the larger material in question. This sheet may not be reproduced except with permission from SME, Inc. This report may not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Although Polarized Light Microscopy (PLM/Dispersion Staining) (Method EPA 600/R-93/116) is the specified method for analysis of bulk material samples for asbestos under the EPA Asbestos Hazard Emergency Response Act, there have been reports that this method may not identify asbestos when fiber sizes are extremely small or if they are bound in a resinous material. Such materials include floor tile, mastic and asphaltic roofing. Currently, reanalysis by Transmission Electron Microscopy (TEM) to verify results of <1% or "None Detected" for these materials is recommended.



<i>Lub ID:</i>	<i>Sample #:</i>	<i>Appearance</i>	<i>Comments</i>	<i>Asbestos %/Type</i>	<i>Non-Asbestos Fibrous %/Type</i>	<i>Non-Fibrous %/Type</i>
16-6743	CL-TP-05	WHT/BRWN NONFIBROUS		ND		100 OTHER
16-6744	CL-TP-06	WHT/BRWN NONFIBROUS		ND		100 OTHER
16-6745	CL-TP-07	WHT/BRWN NONFIBROUS		ND		100 OTHER

Analyzed by: Jane Wasilewski

Additional Comments:

Jane Wasilewski  
Laboratory Manager

For heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. ND = None Detected (Asbestos Not Present In Representative Sample). RCF= (Refractory Ceramic Fiber) The results relate only to the items tested. The sample may not be fully representative of the larger material in question. This sheet may not be reproduced except with permission from SME, Inc. This report may not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Although Polarized Light Microscopy (PLM/Dispersion Staining) (Method EPA 600/R-93/116) is the specified method for analysis of bulk material samples for asbestos under the EPA Asbestos Hazard Emergency Response Act, there have been reports that this method may not identify asbestos when fiber sizes are extremely small or if they are bound in a resinous material. Such materials include floor tile, mastic and asphaltic roofing. Currently, reanalysis by Transmission Electron Microscopy (TEM) to verify results of <1% or "None Detected" for these materials is recommended.



**BULK SAMPLE**  
CHAIN OF CUSTODY RECORD

<b>PROJECT NO.</b> YAB-15-242		<b>PROJECT NAME</b> Patuxent Point Water and Marine Museum			<b>RELINQUISHED BY:</b> <i>[Signature]</i>		<b>DATE</b> 7/13/16	<b>TIME</b> 12pm	<b>RECEIVED BY:</b> <i>[Signature]</i>		
<b>FACILITY</b> USS Clamagore					<b>RELINQUISHED BY:</b>		<b>DATE</b>	<b>TIME</b>	<b>RECEIVED BY:</b>		
<b>SAMPLER(S)</b> D. Gouvis			<b>DATE TAKEN</b> 6-7-16		<b>RELINQUISHED BY:</b>		<b>DATE</b>	<b>TIME</b>	<b>RECEIVED BY:</b>		
SAMPLE #	HOMOGENEOUS AREA	MATERIAL TYPE	LAB NUMBER	DATE ANALYZED	ANALYSTS INITIALS	ASBESTOS +	ASBESTOS N/D	ARCHIVE NUMBER	DATE ARCH	ARCHIVER INITIALS	SPECIAL INSTRUCTIONS
CL-TP-01	1	Text Paint	66-6739								
CL-TP-02	1	↓	40								
CL-TP-03	1		41								
CL-TP-04	1		42								
CL-TP-05	1		43								
CL-TP-06	1		44								
CL-TP-07	1		6745								

ALL SAMPLES WILL BE DISPOSED OF NINETY DAYS AFTER ANALYSIS UNLESS OTHERWISE REQUESTED

**MATERIAL TYPES**

- |                        |                     |                             |
|------------------------|---------------------|-----------------------------|
| A - <4" Pipe Fitting   | G - 9-14" Pipe      | M - A.H.U. Exp. Jt.         |
| B - 4-8" Pipe Fitting  | H - >14" Pipe       | N - Ceiling/Wall Tile       |
| C - 9-14" Pipe Fitting | I - Spray-On/Trowel | O - Fiberboard              |
| D - >14" Pipe Fitting  | J - Floor Tile      | P - Other                   |
| E - <4" Pipe           | K - Tanks/Boiler    | (See notes - Front or back) |
| F - 4-8" Pipe          | L - A.H.U. Insul.   |                             |

*Plm - 3 day TAT*



9771D Southern Pine Boulevard  
 Charlotte, NC 28273  
 704-940-1830 Fax 704-565-4929  
 NVLAP Lab Code 102075-0

**POLARIZED LIGHT MICROSCOPY**

Performed by EPA 600/R-93/116 Method

## Asbestos Analysis Summary

**Client Name** Charleston Branch 620 Wando Park Blvd.  
**Client Job** Patriots Point USS Clamagore Mt. Pleasant SC 29464

**Date Received** 7/22/2016

**Date Analyzed** 7/22/2016

**Job Number** 4213-15-242

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
16-6990	CL-CI-01	BLACK/WHITE FIBROUS		2 CHRYSOTILE	20 GLASS	78 OTHER
16-6991	CL-CI-02	BLACK/WHITE FIBROUS		2 CHRYSOTILE	20 GLASS	78 OTHER
16-6992	CL-CI-03	BLACK/WHITE FIBROUS		2 CHRYSOTILE	20 GLASS	78 OTHER
16-6993	CL-CI2-01	BLACK/WHITE FIBROUS		ND	15 GLASS	85 OTHER

Analyzed by: Jane Wasilewski

Additional Comments:

Jane Wasilewski  
 Laboratory Manager

For heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. ND = None Detected (Asbestos Not Present In Representative Sample). RCF= (Refractory Ceramic Fiber) The results relate only to the items tested. The sample may not be fully representative of the larger material in question. This sheet may not be reproduced except with permission from SME, Inc. This report may not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Although Polarized Light Microscopy (PLM/Dispersion Staining) (Method EPA 600/R-93/116) is the specified method for analysis of bulk material samples for asbestos under the EPA Asbestos Hazard Emergency Response Act, there have been reports that this method may not identify asbestos when fiber sizes are extremely small or if they are bound in a resinous material. Such materials include floor tile, mastic and asphaltic roofing. Currently, reanalysis by Transmission Electron Microscopy (TEM) to verify results of <1% or "None Detected" for these materials is recommended.

<i>Lab ID:</i>	<i>Sample #:</i>	<i>Appearance</i>	<i>Comments</i>	<i>Asbestos %/Type</i>	<i>Non-Asbestos Fibrous %/Type</i>	<i>Non-Fibrous %/Type</i>
16-6994	CL-CI2-02	BLACK/WHITE FIBROUS		ND	15 GLASS	85 OTHER
16-6995	CL-CI2-03	BLACK/WHITE FIBROUS		ND	15 GLASS	85 OTHER
16-6996	CL-CI3-01	TAN FIBROUS		ND	10 CELLULOSE	90 OTHER
16-6997	CL-CI3-02	TAN FIBROUS		ND	10 CELLULOSE	90 OTHER
16-6998	CL-CI3-03	TAN FIBROUS		ND	10 CELLULOSE	90 OTHER

Analyzed by: Jane Wasilewski

*Additional Comments:*

Jane Wasilewski  
Laboratory Manager

For heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. ND = None Detected (Asbestos Not Present In Representative Sample). RCF= (Refractory Ceramic Fiber) The results relate only to the items tested. The sample may not be fully representative of the larger material in question. This sheet may not be reproduced except with permission from SME, Inc. This report may not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Although Polarized Light Microscopy (PLM/Dispersion Staining) (Method EPA 600/R-93/116) is the specified method for analysis of bulk material samples for asbestos under the EPA Asbestos Hazard Emergency Response Act, there have been reports that this method may not identify asbestos when fiber sizes are extremely small or if they are bound in a resinous material. Such materials include floor tile, mastic and asphaltic roofing. Currently, reanalysis by Transmission Electron Microscopy (TEM) to verify results of <1% or "None Detected" for these materials is recommended.



**BULK SAMPLE**  
CHAIN OF CUSTODY RECORD

PROJECT NO. <i>4213-15-242</i>		PROJECT NAME <i>Pennock Point Marimba &amp; Wavel</i>			RELINQUISHED BY: <i>[Signature]</i>	DATE <i>7/21</i>	TIME <i>16:00</i>	RECEIVED BY: <i>[Signature]</i> <i>7/22/16</i>			
FACILITY <i>U.S.S. Chamagone</i>					RELINQUISHED BY:	DATE	TIME	RECEIVED BY:			
SAMPLER(S) <i>P. Goins</i>			DATE TAKEN <i>7-21-16</i>		RELINQUISHED BY:	DATE	TIME	RECEIVED BY:			
SAMPLE #	HOMOGENEOUS AREA	MATERIAL TYPE	LAB NUMBER	DATE ANALYZED	ANALYSTS INITIALS	ASBESTOS +	ASBESTOS N/D	ARCHIVE NUMBER	DATE ARCH	ARCHIVER INITIALS	SPECIAL INSTRUCTIONS
<i>CL-CE-01</i>	<i>1</i>	<i>Insul</i>	<i>16-6990</i>								
<i>CL-CE-02</i>	<i>1</i>	<i>Insul</i>	<i>91</i>								
<i>CL-CE-03</i>	<i>1</i>	<i>Insul</i>	<i>92</i>								
<i>CL-CE2-01</i>	<i>2</i>	<i>Insul</i>	<i>93</i>								
<i>CL-CE2-02</i>	<i>2</i>	<i>Insul</i>	<i>94</i>								
<i>CL-CE2-03</i>	<i>2</i>	<i>Insul</i>	<i>95</i>								
<i>CL-CE3-01</i>	<i>3</i>	<i>Insul</i>	<i>96</i>								
<i>CL-CE3-02</i>	<i>3</i>	<i>Insul</i>	<i>97</i>								
<i>CL-CE3-03</i>	<i>3</i>	<i>Insul</i>	<i>6998</i>								
ALL SAMPLES WILL BE DISPOSED OF NINETY DAYS AFTER ANALYSIS UNLESS OTHERWISE REQUESTED											

**MATERIAL TYPES**

- |                        |                     |                             |
|------------------------|---------------------|-----------------------------|
| A - <4" Pipe Fitting   | G - 9-14" Pipe      | M - A.H.U. Exp. Jt.         |
| B - 4-8" Pipe Fitting  | H - >14" Pipe       | N - Ceiling/Wall Tile       |
| C - 9-14" Pipe Fitting | I - Spray-On/Trowel | O - Fiberboard              |
| D - >14" Pipe Fitting  | J - Floor Tile      | P - Other                   |
| E - <4" Pipe           | K - Tanks/Boiler    | (See notes - Front or back) |
| F - 4-8" Pipe          | L - A.H.U. Insul.   |                             |

*Plm - 24 hr TAT*

**EMSL Analytical, Inc.**

376 Crompton Street, Charlotte, NC 28273  
 Phone/Fax: (704) 525-2205 / (704) 525-2382  
<http://www.EMSL.com> [charlottelab@emsl.com](mailto:charlottelab@emsl.com)

EMSL Order: 411604757  
 CustomerID: SMEI54  
 CustomerPO:  
 ProjectID:

Attn: **Jane Wasilewski**  
**S&ME, Inc.**  
**9771D Southern Pine Blvd.**  
**Charlotte, NC 28273**

Phone:  
 Fax: (704) 565-4929  
 Received: 06/13/16 3:50 PM  
 Analysis Date: 6/15/2016  
 Collected:

Project: 4213-15-242

**Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM**  
**via EPA/600/R-93/116 Section 2.5.5.1**

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
CL-FT1-03 411604757-0001	Mastic Only	Brown/Tan Non-Fibrous Heterogeneous	100	None	No Asbestos Detected
CL-SF1-03 411604757-0002	Sheet Floor	White Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CL-SF1-03 411604757-0003	Mastic	Tan/Black Non-Fibrous Heterogeneous	100	None	No Asbestos Detected
CL-SF2-03 411604757-0004	Sheet Floor	Gray/Green Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CL-SF2-03 411604757-0005	Mastic	Brown/Tan/Beige Non-Fibrous Heterogeneous	100	None	No Asbestos Detected
CL-SF3-03 411604757-0006	Sheet Floor	Green/Beige Fibrous Heterogeneous	100	None	No Asbestos Detected

Analyst(s)

Derrick Young (6)

Lee Plumley, Laboratory Manager  
 or other approved signatory

This laboratory is not responsible for % asbestos in total sample when the residue only is submitted for analysis. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample.  
 Samples analyzed by EMSL Analytical, Inc. Charlotte, NC

Initial report from 06/16/2016 07:13:54



EMSL ANALYTICAL, INC.  
LABORATORY • PRODUCTS • TRAINING

**Asbestos Chain of Custody**  
EMSL Order Number (Lab Use Only):

411604757

EMSL ANALYTICAL, INC.  
376 CROMPTON ST  
CHARLOTTE, NC 28273  
PHONE: 704-525-2205  
FAX: 704-525-2382

Company : S&ME Inc.		EMSL-Bill to: <input type="checkbox"/> Same <input checked="" type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 9771D Southern Pine Blvd.		Third Party Billing requires written authorization from third party	
City: Charlotte	State/Province: NC	Zip/Postal Code: 28273	Country:
Report To (Name): Jane Wasilewski		Telephone #: 704-940-1830	
Email Address: jwasilewski@smeinc.com		Fax #:	Purchase Order:
Project Name/Number:		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
U.S. State Samples Taken:		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

**Turnaround Time (TAT) Options\* - Please Check**

3 Hour  6 Hour  24 Hour  48 Hour  72 Hour  96 Hour  1 Week  2 Week

\*For TEM Air 3 hr through 6 hr, please call ahead to schedule. There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

<b>PCM - Air</b> <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA <b>PLM - Bulk (reporting limit)</b> <input type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)	<b>TEM - Air</b> <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 <b>TEM - Bulk</b> <input checked="" type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 <b>TEM - Water: EPA 100.2</b> Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	<b>TEM- Dust</b> <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) <b>Soil/Rock/Vermiculite</b> <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> TEM Qual. via Filtration Technique <input type="checkbox"/> TEM Qual. via Drop-Mount Technique <b>Other:</b> <input type="checkbox"/>
--	---	---

Check For Positive Stop - Clearly Identify Homogenous Group      Filter Pore Size (Air Samples):  0.8µm  0.45µm

Samplers Name: \_\_\_\_\_ Samplers Signature: \_\_\_\_\_

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
CL-FT1-03	Mastic only		
CL-SF1-03	sheet Floor		
↓	Mastic		
CL-SF2-03	sheet Floor		
↓	Mastic		
CL-SF3-03	sheet Floor		

Client Sample # (s): \_\_\_\_\_ Total # of Samples: 6

Relinquished (Client): \_\_\_\_\_ Date: 6/13/16 Time: \_\_\_\_\_

Received (Lab): *[Signature]* Date: 6/13/16 Time: 3:50pm WJW

Comments/Special Instructions: Bill to S&ME, Inc., 9751 Southern Pine Blvd., Charlotte NC 28273  
 \*\*\*\*EMAIL INVOICE TO JANE WASILEWSKI\*\*\*\*  
 4213-15-242

## **PCB and Metal Analyses for PPE**



# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.  
 TestAmerica Nashville  
 2960 Foster Creighton Drive  
 Nashville, TN 37204  
 Tel: (615)726-0177

TestAmerica Job ID: 490-112075-1  
 TestAmerica Sample Delivery Group: 4213-15-242  
 Client Project/Site: 4213-15-242-PHASE I

For:  
 S&ME, Inc.  
 620 Wando Park Boulevard  
 Mt. Pleasant, South Carolina 29464

Attn: Jim Killingsworth



Authorized for release by:  
 9/26/2016 12:14:39 PM

Ken Hayes, Project Manager II  
 (615)301-5035  
[ken.hayes@testamericainc.com](mailto:ken.hayes@testamericainc.com)

### LINKS

Review your project  
 results through

**TotalAccess**

Have a Question?

**Ask  
 The  
 Expert**

Visit us at:

[www.testamericainc.com](http://www.testamericainc.com)

*The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

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## Sample Summary

Client: S&ME, Inc.  
Project/Site: 4213-15-242-PHASE I

TestAmerica Job ID: 490-112075-1  
SDG: 4213-15-242

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-112075-1	PPE-1	Solid	09/19/16 09:30	09/20/16 14:15

3

## Case Narrative

Client: S&ME, Inc.  
Project/Site: 4213-15-242-PHASE I

TestAmerica Job ID: 490-112075-1  
SDG: 4213-15-242

**Job ID: 490-112075-1**

**Laboratory: TestAmerica Nashville**

### Narrative

**Job Narrative**  
**490-112075-1**

### Comments

No additional comments.

### Receipt

The sample was received on 9/20/2016 2:15 PM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.6° C.

### Receipt Exceptions

The following sample was received at the laboratory without a sample collection time documented on the chain of custody: PPE-1 (490-112075-1). The client was contacted, and the laboratory was instructed to use a sample collection time of 09:30 AM.

### GC Semi VOA

Method(s) 8082A: The matrix spike duplicate (MSD) spike and surrogate recoveries for preparation batch 490-371832 and analytical batch 490-372060 were outside control limits. The associated laboratory control sample (LCS) and matrix spike (MS) recoveries were within acceptance limits; therefore, the data is reported.

Method(s) 8082A: The %RPD between the primary and confirmation column exceeded 40% for PCB-1254 and Tetrachloro-m-xylene for the following samples: PPE-1 (490-112075-1). The lower value(s) has been reported and qualified in accordance with the laboratory's SOP.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

### Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

### Organic Prep

Method(s) 3550C: The following sample(s) was provided to the laboratory with a significantly different initial weight than that required by the reference method: The method requires 30grams. The amount provided was 16.70g.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

## Definitions/Glossary

Client: S&ME, Inc.  
Project/Site: 4213-15-242-PHASE I

TestAmerica Job ID: 490-112075-1  
SDG: 4213-15-242

### Qualifiers

#### GC Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits
F1	MS and/or MSD Recovery is outside acceptance limits.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

## Client Sample Results

Client: S&ME, Inc.  
Project/Site: 4213-15-242-PHASE I

TestAmerica Job ID: 490-112075-1  
SDG: 4213-15-242

**Client Sample ID: PPE-1**

**Date Collected: 09/19/16 09:30**

**Date Received: 09/20/16 14:15**

**Lab Sample ID: 490-112075-1**

**Matrix: Solid**

6

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0180		0.0598	0.0180	mg/Kg		09/21/16 11:16	09/22/16 13:40	1
PCB-1221	<0.0180		0.0598	0.0180	mg/Kg		09/21/16 11:16	09/22/16 13:40	1
PCB-1232	<0.0359		0.0598	0.0359	mg/Kg		09/21/16 11:16	09/22/16 13:40	1
PCB-1242	<0.0180		0.0598	0.0180	mg/Kg		09/21/16 11:16	09/22/16 13:40	1
PCB-1248	<0.0180		0.0598	0.0180	mg/Kg		09/21/16 11:16	09/22/16 13:40	1
<b>PCB-1254</b>	<b>0.484</b>	<b>p</b>	0.0598	0.0180	mg/Kg		09/21/16 11:16	09/22/16 13:40	1
PCB-1260	<0.0180		0.0598	0.0180	mg/Kg		09/21/16 11:16	09/22/16 13:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	92		20 - 150	09/21/16 11:16	09/22/16 13:40	1
Tetrachloro-m-xylene	95	p	19 - 147	09/21/16 11:16	09/22/16 13:40	1

### Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Cadmium</b>	<b>5.37</b>		0.973	0.0973	mg/Kg		09/20/16 16:53	09/21/16 12:44	1
<b>Chromium</b>	<b>2.16</b>		0.973	0.875	mg/Kg		09/20/16 16:53	09/21/16 12:44	1
<b>Lead</b>	<b>5.35</b>		0.973	0.486	mg/Kg		09/20/16 16:53	09/21/16 12:44	1
<b>Zinc</b>	<b>173</b>		9.73	4.86	mg/Kg		09/20/16 16:53	09/21/16 12:44	1
<b>Barium</b>	<b>4.63</b>		1.95	0.973	mg/Kg		09/20/16 16:53	09/21/16 12:44	1

## QC Sample Results

Client: S&ME, Inc.  
Project/Site: 4213-15-242-PHASE I

TestAmerica Job ID: 490-112075-1  
SDG: 4213-15-242

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 490-371832/1-A  
Matrix: Solid  
Analysis Batch: 372060

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 371832

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	<0.0100		0.0333	0.0100	mg/Kg		09/21/16 10:58	09/22/16 09:52	1
PCB-1221	<0.0100		0.0333	0.0100	mg/Kg		09/21/16 10:58	09/22/16 09:52	1
PCB-1232	<0.0200		0.0333	0.0200	mg/Kg		09/21/16 10:58	09/22/16 09:52	1
PCB-1242	<0.0100		0.0333	0.0100	mg/Kg		09/21/16 10:58	09/22/16 09:52	1
PCB-1248	<0.0100		0.0333	0.0100	mg/Kg		09/21/16 10:58	09/22/16 09:52	1
PCB-1254	<0.0100		0.0333	0.0100	mg/Kg		09/21/16 10:58	09/22/16 09:52	1
PCB-1260	<0.0100		0.0333	0.0100	mg/Kg		09/21/16 10:58	09/22/16 09:52	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl (Surr)	119		20 - 150	09/21/16 10:58	09/22/16 09:52	1
Tetrachloro-m-xylene	120		19 - 147	09/21/16 10:58	09/22/16 09:52	1

Lab Sample ID: LCS 490-371832/2-A  
Matrix: Solid  
Analysis Batch: 372060

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 371832

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
PCB-1016	0.333	0.2535		mg/Kg		76	60 - 137
PCB-1260	0.333	0.2342		mg/Kg		70	56 - 141

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl (Surr)	116		20 - 150
Tetrachloro-m-xylene	139		19 - 147

Lab Sample ID: LCSD 490-371832/24-A  
Matrix: Solid  
Analysis Batch: 372060

Client Sample ID: Lab Control Sample Dup  
Prep Type: Total/NA  
Prep Batch: 371832

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	Limits	RPD	
		Result	Qualifier					RPD	Limit
PCB-1016	0.327	0.2032		mg/Kg		62	60 - 137	22	50
PCB-1260	0.327	0.1935		mg/Kg		59	56 - 141	19	50

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl (Surr)	109		20 - 150
Tetrachloro-m-xylene	113		19 - 147

Lab Sample ID: 490-112073-G-4-B MS  
Matrix: Solid  
Analysis Batch: 372060

Client Sample ID: Matrix Spike  
Prep Type: Total/NA  
Prep Batch: 371832

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	Limits
				Result	Qualifier				
PCB-1016	<0.00968	F1	0.165	0.2075		mg/Kg		126	10 - 150
PCB-1260	<0.00968	F1	0.165	0.2327		mg/Kg		141	10 - 150

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl (Surr)	114		20 - 150
Tetrachloro-m-xylene	115		19 - 147

TestAmerica Nashville

## QC Sample Results

Client: S&ME, Inc.  
Project/Site: 4213-15-242-PHASE I

TestAmerica Job ID: 490-112075-1  
SDG: 4213-15-242

**Lab Sample ID: 490-112073-G-4-C MSD**  
**Matrix: Solid**  
**Analysis Batch: 372060**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**  
**Prep Batch: 371832**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
PCB-1016	<0.00968	F1	0.163	0.2717	F1	mg/Kg		166	10 - 150	27	50
PCB-1260	<0.00968	F1	0.163	0.2983	F1	mg/Kg		183	10 - 150	25	50
<b>Surrogate</b>	<b>MSD</b>	<b>MSD</b>	<b>Limits</b>								
	<b>%Recovery</b>	<b>Qualifier</b>									
DCB Decachlorobiphenyl (Surr)	156	X	20 - 150								
Tetrachloro-m-xylene	141		19 - 147								

### Method: 6010C - Metals (ICP)

**Lab Sample ID: MB 490-371660/1-A**  
**Matrix: Solid**  
**Analysis Batch: 371967**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 371660**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
	Result	Qualifier								
Cadmium	<0.0992		0.992	0.0992	mg/Kg		09/20/16 16:53	09/21/16 09:59		1
Chromium	<0.893		0.992	0.893	mg/Kg		09/20/16 16:53	09/21/16 09:59		1
Lead	<0.496		0.992	0.496	mg/Kg		09/20/16 16:53	09/21/16 09:59		1
Zinc	<4.96		9.92	4.96	mg/Kg		09/20/16 16:53	09/21/16 09:59		1
Barium	<0.992		1.98	0.992	mg/Kg		09/20/16 16:53	09/21/16 09:59		1

**Lab Sample ID: LCS 490-371660/2-A**  
**Matrix: Solid**  
**Analysis Batch: 371967**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 371660**

Analyte	Spike Added	LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Cadmium	19.4	18.97		mg/Kg		98	80 - 120
Chromium	77.7	81.53		mg/Kg		105	80 - 120
Lead	19.4	19.55		mg/Kg		101	80 - 120
Zinc	194	183.2		mg/Kg		94	80 - 120
Barium	777	764.7		mg/Kg		98	80 - 120

**Lab Sample ID: LCSD 490-371660/3-A**  
**Matrix: Solid**  
**Analysis Batch: 371967**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 371660**

Analyte	Spike Added	LCSD		Unit	D	%Rec	%Rec. Limits	RPD	Limit
		Result	Qualifier						
Cadmium	20.0	19.70		mg/Kg		99	80 - 120	4	20
Chromium	80.0	84.06		mg/Kg		105	80 - 120	3	20
Lead	20.0	20.36		mg/Kg		102	80 - 120	4	20
Zinc	200	190.3		mg/Kg		95	80 - 120	4	20
Barium	800	799.4		mg/Kg		100	80 - 120	4	20

**Lab Sample ID: 490-112087-A-1-B MS**  
**Matrix: Solid**  
**Analysis Batch: 371967**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 371660**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Cadmium	<0.0982		19.7	19.19		mg/Kg		97	75 - 125
Chromium	1.61		78.9	83.25		mg/Kg		103	75 - 125
Lead	4.09		19.7	21.32		mg/Kg		87	75 - 125

TestAmerica Nashville



## QC Sample Results

Client: S&ME, Inc.  
Project/Site: 4213-15-242-PHASE I

TestAmerica Job ID: 490-112075-1  
SDG: 4213-15-242

### Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 490-112087-A-1-B MS  
Matrix: Solid  
Analysis Batch: 371967

Client Sample ID: Matrix Spike  
Prep Type: Total/NA  
Prep Batch: 371660

Analyte	Sample	Sample	Spike	MS		Unit	D	%Rec	%Rec.	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD
Zinc	<4.91		197	187.6		mg/Kg		95	75 - 125	
Barium	1.83	J	789	787.4		mg/Kg		100	75 - 125	

Lab Sample ID: 490-112087-A-1-C MSD  
Matrix: Solid  
Analysis Batch: 371967

Client Sample ID: Matrix Spike Duplicate  
Prep Type: Total/NA  
Prep Batch: 371660

Analyte	Sample	Sample	Spike	MSD		Unit	D	%Rec	%Rec.		RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit	
Cadmium	<0.0982		19.6	19.35		mg/Kg		99	75 - 125	1	20	
Chromium	1.61		78.8	84.30		mg/Kg		105	75 - 125	1	20	
Lead	4.09		19.6	22.12		mg/Kg		92	75 - 125	4	20	
Zinc	<4.91		196	190.1		mg/Kg		97	75 - 125	1	20	
Barium	1.83	J	786	793.3		mg/Kg		101	75 - 125	1	20	

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## QC Association Summary

Client: S&ME, Inc.  
Project/Site: 4213-15-242-PHASE I

TestAmerica Job ID: 490-112075-1  
SDG: 4213-15-242

### GC Semi VOA

#### Prep Batch: 371832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-112075-1	PPE-1	Total/NA	Solid	3550C	
MB 490-371832/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 490-371832/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 490-371832/24-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
490-112073-G-4-B MS	Matrix Spike	Total/NA	Solid	3550C	
490-112073-G-4-C MSD	Matrix Spike Duplicate	Total/NA	Solid	3550C	

#### Analysis Batch: 372060

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-112075-1	PPE-1	Total/NA	Solid	8082A	371832
MB 490-371832/1-A	Method Blank	Total/NA	Solid	8082A	371832
LCS 490-371832/2-A	Lab Control Sample	Total/NA	Solid	8082A	371832
LCSD 490-371832/24-A	Lab Control Sample Dup	Total/NA	Solid	8082A	371832
490-112073-G-4-B MS	Matrix Spike	Total/NA	Solid	8082A	371832
490-112073-G-4-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8082A	371832

### Metals

#### Prep Batch: 371660

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-112075-1	PPE-1	Total/NA	Solid	3051A	
MB 490-371660/1-A	Method Blank	Total/NA	Solid	3051A	
LCS 490-371660/2-A	Lab Control Sample	Total/NA	Solid	3051A	
LCSD 490-371660/3-A	Lab Control Sample Dup	Total/NA	Solid	3051A	
490-112087-A-1-B MS	Matrix Spike	Total/NA	Solid	3051A	
490-112087-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	3051A	

#### Analysis Batch: 371967

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-112075-1	PPE-1	Total/NA	Solid	6010C	371660
MB 490-371660/1-A	Method Blank	Total/NA	Solid	6010C	371660
LCS 490-371660/2-A	Lab Control Sample	Total/NA	Solid	6010C	371660
LCSD 490-371660/3-A	Lab Control Sample Dup	Total/NA	Solid	6010C	371660
490-112087-A-1-B MS	Matrix Spike	Total/NA	Solid	6010C	371660
490-112087-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	6010C	371660

# Lab Chronicle

Client: S&ME, Inc.  
Project/Site: 4213-15-242-PHASE I

TestAmerica Job ID: 490-112075-1  
SDG: 4213-15-242

**Client Sample ID: PPE-1**

**Date Collected: 09/19/16 09:30**

**Date Received: 09/20/16 14:15**

**Lab Sample ID: 490-112075-1**

**Matrix: Solid**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			16.70 g	10 mL	371832	09/21/16 11:16	MNM	TAL NSH
Total/NA	Analysis	8062A		1			372060	09/22/16 13:40	WDS	TAL NSH
Total/NA	Prep	3051A			0.514 g	100 mL	371660	09/20/16 16:53	PG1	TAL NSH
Total/NA	Analysis	6010C		1			371967	09/21/16 12:44	RDF	TAL NSH

**Laboratory References:**

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

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## Method Summary

Client: S&ME, Inc.  
Project/Site: 4213-15-242-PHASE I

TestAmerica Job ID: 490-112075-1  
SDG: 4213-15-242

Method	Method Description	Protocol	Laboratory
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL NSH
6010C	Metals (ICP)	SW846	TAL NSH

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

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# Certification Summary

Client: S&ME, Inc.  
Project/Site: 4213-15-242-PHASE I

TestAmerica Job ID: 490-112075-1  
SDG: 4213-15-242

## Laboratory: TestAmerica Nashville

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
South Carolina	State Program	4	84008 (001)	02-18-17

Analysis Method	Prep Method	Matrix	Analyte
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**COOLER RECEIPT FORM**



Cooler Received/Opened On 9/20/2016 @ 0930  
 Time Samples Removed From Cooler \_\_\_\_\_ Time Samples Placed In Storage \_\_\_\_\_ (2 Hour Window)

1. Tracking # 1784 (last 4 digits, FedEx) Courier: FedEx  
 IR Gun ID 14740456 pH Strip Lot HC564992 Chlorine Strip Lot 012516A

2. Temperature of rep. sample or temp blank when opened: 4.6 Degrees Celsius  
 3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA  
 If yes, how many and where: 2 Front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (Initial) Ⓟ

7. Were custody seals on containers: YES NO and intact YES...NO...NA  
 Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # \_\_\_\_\_

I certify that I unloaded the cooler and answered questions 7-14 (Initial) PN

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (Initial) PN

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (Initial) PN

I certify that I attached a label with the unique LIMS number to each container (Initial) PN

21. Were there Non-Conformance issues at login? YES...NO Was a NCM generated? YES...NO...# \_\_\_\_\_



## Login Sample Receipt Checklist

Client: S&ME, Inc.

Job Number: 490-112075-1

SDG Number: 4213-15-242

**Login Number: 112075**

**List Number: 1**

**Creator: Ngo, Phiet**

**List Source: TestAmerica Nashville**

Question	Answer	Comment
Radioactivity wasn't checked or is <math>\leq</math> background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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## **Asbestos Analysis for PPE**

PPE -



9771D Southern Pine Boulevard  
Charlotte, NC 28273  
704-940-1830 Fax 704-565-4929  
NVLAP Lab Code 102075-0

**POLARIZED LIGHT MICROSCOPY**

Performed by EPA 600/R-93/116 Method

# Asbestos Analysis Summary

**Client Name** Charleston Branch 620 Wando Park Blvd.  
**Client Job** USS Clamagore PPE Gloves Mt. Pleasant SC 29464

**Date Received** 9/22/2016

**Date Analyzed** 9/23/2016

**Job Number** 4213-15-242

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
16-8679	PPE-2	BLUE RUBBERY		ND		100 NITRILE

Analyzed by: Jane Wasilewski

Additional Comments:

Jane Wasilewski  
Laboratory Manager

PPE Asbestos Analysis Negative

For heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. ND = None Detected (Asbestos Not Present In Representative Sample). RCF= (Refractory Ceramic Fiber) The results relate only to the items tested. The sample may not be fully representative of the larger material in question. This sheet may not be reproduced except with permission from SME, Inc. This report may not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Although Polarized Light Microscopy (PLM/Dispersion Staining) (Method EPA 600/R-93/116) is the specified method for analysis of bulk material samples for asbestos under the EPA Asbestos Hazard Emergency Response Act, there have been reports that this method may not identify asbestos when fiber sizes are extremely small or if they are bound in a resinous material. Such materials include floor tile, mastic and asphaltic roofing. Currently, reanalysis by Transmission Electron Microscopy (TEM) to verify results of <1% or "None Detected" for these materials is recommended.

**BULK SAMPLE**  
**CHAIN OF CUSTODY RECORD**



PROJECT NO. <i>4213-15-242</i>		PROJECT NAME <i>VSS Clamagore</i>				RELINQUISHED BY: <i>[Signature]</i>		DATE <i>9-20-16</i>	TIME <i>8:15</i>	RECEIVED BY: <i>[Signature]</i>	
FACILITY <i>PPE - Gloves</i>						RELINQUISHED BY:		DATE	TIME	RECEIVED BY:	
SAMPLER(S) <i>Killingsworth</i>				DATE TAKEN <i>9-20-16</i>		RELINQUISHED BY:		DATE	TIME	RECEIVED BY:	
SAMPLE #	HOMOGENEOUS AREA	MATERIAL TYPE	LAB NUMBER	DATE ANALYZED	ANALYSTS INITIALS	ASBESTOS + N/D		ARCHIVE NUMBER	DATE ARCH	ARCHIVER INITIALS	SPECIAL INSTRUCTIONS
<i>PPE-2</i>			<i>16-8679</i>								

ALL SAMPLES WILL BE DISPOSED OF NINETY DAYS AFTER ANALYSIS UNLESS OTHERWISE REQUESTED

- MATERIAL TYPES**
- A - <4" Pipe Fitting
  - B - 4-8" Pipe Fitting
  - C - 9-14" Pipe Fitting
  - D - >14" Pipe Fitting
  - E - <4" Pipe
  - F - 4-8" Pipe
  - G - 9-14" Pipe
  - H - >14" Pipe
  - I - Spray-On/Trowel
  - J - Floor Tile
  - K - Tanks/Boiler
  - L - A.H.U. Insul.
  - M - A.H.U. Exp. Jt.
  - N - Ceiling/Wall Tile
  - O - Fiberboard
  - P - Other
- (See notes - Front or back)

*3 - Day Turn*  
*jKillingsworth@smene.com*

S&ME SF1-002 (REV. 3/93) This document was prepared pursuant to a specific agreement to address the unique requirements of an S&ME client. Prior to further use, an S&ME professional should be contacted for a complete explanation of its preparation and contents.

## Appendix V – Photographs

<b>1</b>	<b>Location / Orientation</b>	USS Clamagore
	<b>Remarks</b>	General view



Date: 6/1/2016

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Photographer: DG

<b>2</b>	<b>Location / Orientation</b>	USS Clamagore-Forward Engine Room-Below Engine
	<b>Remarks</b>	Oils, Fluids, and Lubricants residue-PCB Containing



Date: 6/1/2016

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Photographer: DG

<b>3</b>	<b>Location / Orientation</b>	USS Clamagore-Aft Engine Room
	<b>Remarks</b>	Oils, Fluids, Lubricants residue-PCB Containing



Date: 6/1/2016  
  
 Photographer: DG

<b>4</b>	<b>Location / Orientation</b>	USS Clamagore-Forward Torpedo Room
	<b>Remarks</b>	Oils, Fluids, Lubricants residue-PCB Containing

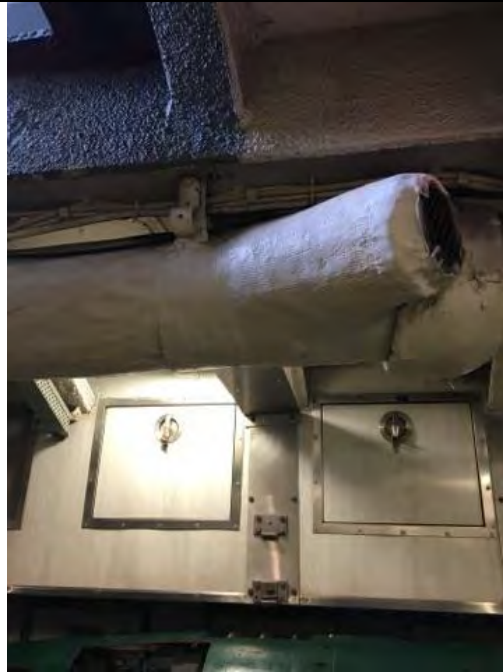


Date: 6/1/2016  
  
 Photographer: DG

<b>5</b>	<b>Location / Orientation</b>	USS Clamagore	Date: 6/1/2016  Photographer: DG
	<b>Remarks</b>	Typical Textured Paint (white)-PCB >50 ppm	

<b>6</b>	<b>Location / Orientation</b>	USS Clamagore	Date:6/1/2016  Photographer: DG
	<b>Remarks</b>	Typical Smooth Paint (White)-PCB >50 ppm	

<b>7</b>	<b>Location / Orientation</b>	USS Clamagore	Date: 6/1/2016
	<b>Remarks</b>	Typical Duct Insulation and Wrap-Asbestos containing	



<b>8</b>	<b>Location / Orientation</b>	USS Clamagore	Date: 6/1/2016
	<b>Remarks</b>	Typical Duct Insulation-Asbestos Containing	






<b>9</b>	<b>Location / Orientation</b>	USS Clamagore
	<b>Remarks</b>	Typical Cabling Insulation-Asbestos Containing



Date: 6/1/2016  
  
 Photographer: DG

<b>10</b>	<b>Location / Orientation</b>	USS Clamagore
	<b>Remarks</b>	Exterior Hull and Shell Paint-Variou Metals



Date: 6/1/2016  
  
 Photographer: DG